

Monitoring Agent for DB2
Version 08.20.03.00

Reference



Note

Before using this information and the product it supports, read the information in [“Notices” on page 281.](#)

This edition applies to version 08.20.03.00 of the Monitoring Agent for DB2 and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Monitoring Agent for DB2

The Monitoring Agent for DB2 offers a central point of management for your DB2 environment or application.

The software provides a comprehensive means for gathering the information that is required to detect problems early and to prevent them. Information is standardized across the system. You can monitor multiple servers from a single console. By using the Db2 agent you can easily collect and analyze DB2 specific information.

Installing and configuring the agent

Install the monitoring agent on the system where the application that you want to monitor is located.

For more information, see the agent installation and configuration topics in IBM Knowledge Center:

- [IBM Cloud Application Performance Management](#)
- [IBM Cloud Application Performance Management, Private](#)

For supported operating systems, see [System Requirements](#) in the APM Developer Center.

Chapter 2. Dashboard

Open the Application Performance Dashboard in the Cloud APM console to see a status summary of all your applications. As you drill down to dashboard pages for specific applications and their supporting elements, more details are available about the selected item. Use the Db2 agent dashboard pages to proactively monitor your DB2 deployment. Each page contains views with key performance indicators.

When an application that includes DB2 *managed resources* is selected, the navigator and the **Status Overview** tab show DB2 in the Components group:

- Click **Components** to see a single DB2 group widget that is displayed along with a group widget for every other data source type in the application.
- Click the DB2 subgroup to see a group widget for each managed resource in the application.
- Click inside a DB2 group widget or click a DB2 managed resource from the navigator **Instances** section to open a dashboard page with KPIs from the selected managed resource.

For more information about the KPIs, click [?](#) in the view or click [?](#) in the dashboard banner.

Default dashboard pages

DB2

The DB2 Summary Dashboard shows the overall status and availability of each monitored DB2 server. Review the resource usage and investigate any warning or critical thresholds. If the Events tab shows a warning or critical status indicator, open the tab to see the open events and status for the application. Click anywhere on the group widget to drill down to the detailed dashboard.

Database Overview Dashboard

Use the Database Overview Dashboard to know the following details of the database:

- The top five SQL statements based on the duration of SQL statement execution
- The historical trend of the number of active application connections against the number of maximum allowed active connections to the database
- The historical trend of the number of read operations and write operations that do not use the bufferpool
- The historical trend of the percentage of log space that is used in the database
- The details of application locks

Database Table and Tablespace Dashboard

The Database Table and Tablespace Dashboard provides the following details of the database:

- The table-specific and table space resources of the database
- The sort operations that are performed on the database

DB2 Overview Dashboard

Use the DB2 Overview Dashboard to know the following details of the DB2 instance:

- The status of databases in the DB2 instance.
- The historical trend of the percentage CPU usage
- The historical trend of the memory used by the DB2 instance against the total memory allocated to the DB2 instance
- The total number of read and write operations that are performed on five databases with the lowest hit ratio of bufferpool.
- The top five applications for which the number of times it had to wait for locks is high
- The top five applications for which the number of locks currently held is high

- The High Availability Disaster Recovery (HADR) status information of the databases

HADR Summary

The HADR Summary Dashboard provides the following details of the High Availability Disaster Recovery (HADR) databases:

- The peer of HADR databases information
- The historical trend for gap between the PRIMARY LOG POS value and STANDBY LOG POS value.
- The status of important flags for configured HADR databases.

Additional group widgets

These pop-up group widgets are displayed after you click a group widget for more details. Some group widgets have links to more granular information in a popup widget, described here.

Widgets for the Default dashboard pages

DB2

The DB2 Summary Dashboard shows the overall status and availability of each monitored DB2 server. Review the resource usage and investigate any warning or critical thresholds. If the Events tab shows a warning or critical status indicator, open the tab to see the open events and status for the application. Click anywhere on the group widget to drill down to the detailed dashboard.

The following widgets are available in this dashboard page:

DB Status

The DB Status group widget provides the overall status of DB2 resources, such as DB2 instance status, hit ratio of the buffer pool, percentage failures of SQL statements, and percentage of sort overflows.

The following KPIs for the widget are derived from the attributes as described:

- Bufferpool status (critical): The number of databases for which the hit ratio of the buffer pool is lower than the critical threshold. This data is derived from the pool hit ratio attribute in the KUD DB2 Database00 data set.
- Bufferpool status (normal): The number of databases for which the hit ratio of the buffer pool is within the acceptable limit. This data is derived from the pool hit ratio attribute in the KUD DB2 Database00 data set.
- Bufferpool status (warning): The number of databases for which the hit ratio of the buffer pool is lower than the warning threshold. This data is derived from the pool hit ratio attribute in the KUD DB2 Database00 data set.
- Database status (critical): The number of databases that are in the critical state. This data is derived from the dbase status attribute in the KUD DB2 Database00 data set.
- Database status (normal): The number of healthy databases waiting for connection or in running state. The databases explicitly Quiesced or suspended are also considered to the normal state. This data is derived from the dbase status attribute in the KUD DB2 Database00 data set.
- Instance status: Status of the DB2 instance. This data is derived from the db2 status attribute in the KUD DB2 System Overview data set.
- Sort status (critical): The number of databases for which the percentage of sort overflows has exceeded the critical threshold. This data is derived from the sort overflows pct attribute in the KUD DB2 Database00 data set.
- Sort status (normal): The number of databases for which the percentage of sort overflows is within the acceptable limit. This data is derived from the sort overflows pct attribute in the KUD DB2 Database00 data set.
- Sort status (warning): The number of databases for which the percentage of sort overflows has exceeded the warning threshold. This data is derived from the sort overflows pct attribute in the KUD DB2 Database00 data set.

- SQL statement failures (critical): The number of databases for which the percentage of SQL statement failures has exceeded the critical threshold. This data is derived from the sql stmts failed pct attribute in the KUD DB2 Database00 data set.
- SQL statement failures (normal): The number of databases for which the percentage of SQL statement failures is within the acceptable limit. This data is derived from the sql stmts failed pct attribute in the KUD DB2 Database00 data set.
- SQL statement failures (warning): The number of databases for which the percentage of SQL statement failures has exceeded the warning threshold. This data is derived from the sql stmts failed pct attribute in the KUD DB2 Database00 data set.

Database Overview Dashboard

Use the Database Overview Dashboard to know the following details of the database:

- The top five SQL statements based on the duration of SQL statement execution
- The historical trend of the number of active application connections against the number of maximum allowed active connections to the database
- The historical trend of the number of read operations and write operations that do not use the bufferpool
- The historical trend of the percentage of log space that is used in the database
- The details of application locks

The following widgets are available in this dashboard page:

I/O (History)

The I/O (History) group widget provides a graph that contains information about the historical trend of read and write operations.

The following KPIs for the widget are derived from the attributes as described:

- Physical Read: pool indx reads since 1st connect. This data is derived from the pool index p reads attribute in the KUD DB2 Database00 data set.
- Physical Write: pool indx writes since 1st connect. This data is derived from the pool index writes attribute in the KUD DB2 Database00 data set.
- Read: direct reads since 1st connect. This data is derived from the direct reads attribute in the KUD DB2 Database00 data set.
- Time: Date/Time of snapshot. This data is derived from the snapshot time attribute in the KUD DB2 Database00 data set.
- Write: direct writes since 1st conn. This data is derived from the direct writes attribute in the KUD DB2 Database00 data set.

Active Connection (History)

The Active Connection (History) group widget provides a graph that contains information about the historical trend of the number of active application connections against the number of maximum permitted active connections to the monitored database.

The following KPIs for the widget are derived from the attributes as described:

- Current: Appls currently connected. This data is derived from the appls cur cons attribute in the KUD DB2 Database00 data set.
- Maximum: Maximum Allowed Connection. This data is derived from the maximum connection attribute in the KUD DB2 Database00 data set.
- Time: Date/Time of snapshot. This data is derived from the snapshot time attribute in the KUD DB2 Database00 data set.

App Lock Wait and Lock Held (History)

The App Lock Wait and Lock Held (History) group widget provides a graph that contains information about the historical trends of the number of locks that the applications currently hold and the total number of times the applications waited for locks.

The following KPIs for the widget are derived from the attributes as described:

- Lock Held: Locks currently held. This data is derived from the locks held attribute in the KUD DB2 Database00 data set.
- Time: Date/Time of snapshot. This data is derived from the snapshot time attribute in the KUD DB2 Database00 data set.
- Waiting for Lock: Lock waits since 1st connect. This data is derived from the lock waits attribute in the KUD DB2 Database00 data set.

I/O and Diskspace

The I/O and Diskspace group widget provides a table that contains information about the bufferpool activities, such as number of logical reads on the bufferpool per minute, prefetch ratio of the database, and the ratio of bufferpool asynchronous writes that the prefetcher performed.

The following KPIs for the widget are derived from the attributes as described:

- Async write ratio: Async Write ratio in integer. This data is derived from the async write ratio int attribute in the KUD DB2 Buffer Pool data set.
- Logical read per minute: Logical read on buffer pool per min. This data is derived from the logical read per min attribute in the KUD DB2 Buffer Pool data set.
- Prefetch ratio: Prefetch Ratio Percent in integer. This data is derived from the prefetch ratio int attribute in the KUD DB2 Buffer Pool data set.

Lock

The Lock group widget provides a table that contains information about the locks, such as average time elapsed waiting for a lock, total number of deadlocks, the lock wait time, number of lock escalations, the longest waiting time, and the total number of lock timeouts.

The following KPIs for the widget are derived from the attributes as described:

- Average lock time(ms): average lock wait time in seconds. This data is derived from the avg lock wait time attribute in the KUD DB2 Database00 data set.
- Dead lock: Deadlocks since 1st db connect. This data is derived from the deadlocks attribute in the KUD DB2 Database00 data set.
- Lock escalation: lock escal since 1st db connect. This data is derived from the lock escal attribute in the KUD DB2 Database00 data set.
- Lock wait time(ms): Total time dbase waited on locks in seconds. This data is derived from the lock wait time attribute in the KUD DB2 Database00 data set.
- Longest waiting time(ms): Longest Lock waiting time among waiting applications. This data is derived from the longest lock wait time attribute in the KUD DB2 Database00 data set.
- Timeout num: # of lock timeouts since 1st conn. This data is derived from the lock timeouts attribute in the KUD DB2 Database00 data set.

Log (History)

The Log (History) group widget provides a graph that contains information about the historical trend of the percentage of log space that is used in the monitored database.

The following KPIs for the widget are derived from the attributes as described:

- Time: Date/Time of snapshot. This data is derived from the snapshot time attribute in the KUD DB2 Database00 data set.
- Used(%): The percentage of the log space that is in used the database. This data is derived from the total log used pct attribute in the KUD DB2 Database00 data set.

Slow SQL Statements - Top 5

The Slow SQL Statements - Top 5 group widget provides a table that contains information about the top five SQL statements based on the duration of the SQL statement execution.

The following KPIs for the widget are derived from the attributes as described:

- **Active State:** The SQL STATE returned by DB2. This data is derived from the Active State attribute in the DB2 Slow SQL Stmts data set.
- **Database Name:** Database name. This data is derived from the db name attribute in the DB2 Slow SQL Stmts data set.
- **Duration:** Total SQL statement duration. This data is derived from the duration attribute in the DB2 Slow SQL Stmts data set.
- **Execution ID:** An unique identifier for that SQL statement. This data is derived from the executable id attribute in the DB2 Slow SQL Stmts data set.
- **Lock Wait:** The total number of times that applications or connections waited for locks. This data is derived from the lock wait attribute in the DB2 Slow SQL Stmts data set.
- **Start Time:** SQL statement operation start time. This data is derived from the stmt start time attribute in the DB2 Slow SQL Stmts data set.
- **Statement:** sql statement text. This data is derived from the stmt text attribute in the DB2 Slow SQL Stmts data set.
- **Type:** SQL statement type. This data is derived from the stmt type attribute in the DB2 Slow SQL Stmts data set.

Database Table and Tablespace Dashboard

The Database Table and Tablespace Dashboard provides the following details of the database:

- The table-specific and table space resources of the database
- The sort operations that are performed on the database

The following widgets are available in this dashboard page:

Current Running SQL

Current running SQL group widget provides a table that contains information about the current running SQL statements for each database based on elapsed_time_sec or total_cpu_time_sec attributes. By default it is on elapsed_time_sec and can be changed to total_cpu_time_sec through KUD_SQL_ORDERBY environment variable. For each database, agent retrieves by default top 20 rows as per specified criteria using KUD_SQL_ORDERBY variable. This limit can be increased up to 50 by using KUD_TOP_RUNNING_SQL configuration parameter.

The following KPIs for the widget are derived from the attributes as described:

- **Activity State:** The current state of the activity. This data is derived from the activity state attribute in the KUD DB2 Current SQL data set.
- **Application Handle:** A system-wide unique ID for the application. This data is derived from the appl handle attribute in the KUD DB2 Current SQL data set.
- **Application Name:** The name of running application. This data is derived from the appl name attribute in the KUD DB2 Current SQL data set.
- **CPU Time in Sec:** Represents total of both user and system CPU time in seconds. This data is derived from the total cpu time sec attribute in the KUD DB2 Current SQL data set.
- **Elapse Time In Sec:** Elapsed time for the SQL statement in seconds. This data is derived from the elapsed time sec attribute in the KUD DB2 Current SQL data set.
- **Query Cost Estimate:** Estimated cost for a query, as determined by the SQL compiler. This value is reported in timerons. This data is derived from the query cost estimate attribute in the KUD DB2 Current SQL data set.
- **Row Read:** The number of rows read from the table. This data is derived from the rows read attribute in the KUD DB2 Current SQL data set.
- **Row Returned:** The number of rows that have been selected and returned to the application. This data is derived from the rows returned attribute in the KUD DB2 Current SQL data set.
- **Statement:** SQL statement text. This data is derived from the stmt text attribute in the KUD DB2 Current SQL data set.

- Status: Determined from threshold defined for user criteria in environment setting. This data is derived from the status attribute in the KUD DB2 Current SQL data set.

Sort

The Sort group widget provides a table that contains information about the sort operations that are performed on the database, such as sort operations per minute, number and percentage of sorts that ran out of sort heap space, the average sort time, and the allocated sort heap space.

The following KPIs for the widget are derived from the attributes as described:

- Average sort number: The average number of sorts per application that is connected to the database.
- Average sort time(ms): average sort time. This data is derived from the avg sort time attribute in the KUD DB2 Database00 data set.
- Sort memory in use: Total sort heap allocated. This data is derived from the sort heap allocated attribute in the KUD DB2 Database00 data set.
- Sort overflow number: The number of sorts that ran out of sort heap space and used the disk space for temporary storage. This data is derived from the sort overflows attribute in the KUD DB2 Database00 data set.
- Sort overflow ratio: sort overflow percentage. This data is derived from the sort overflows pct attribute in the KUD DB2 Database00 data set.
- Sort per minute: The number of sorts that occurred per minute.

Sort (History)

The Sort (History) group widget provides a graph that provides a historical trend of the number of sorts in the database with the allocated sort heap.

The following KPIs for the widget are derived from the attributes as described:

- Active Sorts: sorts currently active. This data is derived from the active sorts attribute in the KUD DB2 Database00 data set.
- Time: Date/Time of snapshot. This data is derived from the snapshot time attribute in the KUD DB2 Database00 data set.

TableSpaces

The TableSpaces group widget provides a table that contains information about the tablespace resources, such as identifier, name, type, automatic storage status, and automatic resizing status of the tablespace, total number of pages associated with the database, number of free and usable pages associated with the database, number of used pages, percentage of used pages, and the size of the prefetcher.

The following KPIs for the widget are derived from the attributes as described:

- AS: Whether the table space was created as an automatic storage table space. This data is derived from the TBSP Using Auto Storage attribute in the KUD Tablespace Auto Resize data set.
- Auto Resize Enabled: Whether automatic resizing is enabled for the table space. This data is derived from the TBSP Auto Resize Enabled attribute in the KUD Tablespace Auto Resize data set.
- Free Pages: Free pages in table space. This data is derived from the TBSP Free Pages attribute in the KUD Tablespace Auto Resize data set.
- ID: Table space identification. This data is derived from the TBSP ID attribute in the KUD Tablespace Auto Resize data set.
- Name: . This data is derived from the TBSP Name attribute in the KUD Tablespace Auto Resize data set.
- Prefetch Size: The maximum number of pages the prefetcher gets from the disk at a time. This data is derived from the TBSP Prefetch Size attribute in the KUD Tablespace Auto Resize data set.

- **Total Pages:** Total pages in table space. This data is derived from the TBSP Total Pages attribute in the KUD Tablespace Auto Resize data set.
- **Type:** The automatic storage status of a tablespace. This data is derived from the tablespace type attribute in the KUD Tablespace Auto Resize data set.
- **Usable Pages:** Usable pages in table space. This data is derived from the TBSP Usable Pages attribute in the KUD Tablespace Auto Resize data set.
- **Used Pages:** Used pages in table space. This data is derived from the TBSP Used Pages attribute in the KUD Tablespace Auto Resize data set.
- **Utilization (%):** The utilization of the table space as a percentage and calculated as $(\text{used_pages}/\text{usable_pages}) * 100$. This data is derived from the TBSP Utilization attribute in the KUD Tablespace Auto Resize data set.

Top 5 Tables by Read Rate

The Top 5 Tables by Read Rate group widget provides a table that contains information about the top five table based on the rate of row reads, such as name of the table, schema of the table, name of the primary tablespace, and the disk space allocated for the indexes, XML data and large objects in a table.

The following KPIs for the widget are derived from the attributes as described:

- **Data Obj Size(KB):** Data Object Size. This data is derived from the data object size attribute in the KUD DB2 Table data set.
- **Index Obj Size(KB):** Index Object Size. This data is derived from the index object size attribute in the KUD DB2 Table data set.
- **LOB Obj(KB):** LOB Object. This data is derived from the lob object attribute in the KUD DB2 Table data set.
- **Name:** Table name. This data is derived from the table name U attribute in the KUD DB2 Table data set.
- **Schema:** Schema name. This data is derived from the table schema U attribute in the KUD DB2 Table data set.
- **TableSpaces:** Tablespace. This data is derived from the table space attribute in the KUD DB2 Table data set.
- **XML Obj(KB):** XML Object. This data is derived from the xml object attribute in the KUD DB2 Table data set.

DB2 Overview Dashboard

Use the DB2 Overview Dashboard to know the following details of the DB2 instance:

- The status of databases in the DB2 instance.
- The historical trend of the percentage CPU usage
- The historical trend of the memory used by the DB2 instance against the total memory allocated to the DB2 instance
- The total number of read and write operations that are performed on five databases with the lowest hit ratio of bufferpool.
- The top five applications for which the number of times it had to wait for locks is high
- The top five applications for which the number of locks currently held is high
- The High Availability Disaster Recovery (HADR) status information of the databases

The following widgets are available in this dashboard page:

App Holding Lock-Top 5

The App Holding Lock - Top 5 group widget provides a graph that contains information about the top five database applications for which the number of currently held locks is high.

The following KPIs for the widget are derived from the attributes as described:

- App Name: Application name. This data is derived from the appl name attribute in the KUD DB2 Application00 data set.
- No. of Locks Held: locks currently held by appl. This data is derived from the locks held attribute in the KUD DB2 Application00 data set.

App Lock Wait-Top 5

The App Lock Wait - Top 5 group widget provides a graph that contains information about the top five database applications for which the number of times the applications waited for locks is high.

The following KPIs for the widget are derived from the attributes as described:

- App Name: Application name. This data is derived from the appl name attribute in the KUD DB2 Application00 data set.
- No. of Locks: Lock waits since appl. connect. This data is derived from the lock waits attribute in the KUD DB2 Application00 data set.

CPU Usage (History)

The CPU Usage (History) group widget provides a graph that contains information about the historical trend of the percentage CPU usage by the DB2 instance. Click the graph to view the details of the top five databases with the maximum CPU usage.

The following KPIs for the widget are derived from the attributes as described:

- CPU usage(%): The percentage of CPU used on the system by specific DB2 instance DB2 returns this value as SMALLINT. This data is derived from the inst cpu usage pct attribute in the KUD DB2 System Overview data set.
- Time: Date/Time when the database system monitor information was collected. This data is derived from the snapshot time attribute in the KUD DB2 System Overview data set.

Databases Status

The Databases Status widget provides a table that contains the details such as database names and state, percentage of catalog cache, package cache, failed SQL statements, and used log space, bufferpool hit ratio, rollback rate, number of database transactions per minute, number of agents that are waiting on a lock, and number of applications that are currently connected.

The following KPIs for the widget are derived from the attributes as described:

- Active Connections: Appls currently connected. This data is derived from the appls cur cons attribute in the KUD DB2 Database00 data set.
- App Waiting: Agents currently waiting on locks. This data is derived from the locks waiting attribute in the KUD DB2 Database00 data set.
- Buffer Pool Hit Ratio (%): The sum of Pool Data Logical Reads and Pool Index Logical Reads attributes is divided by the value of Pool Total Reads attribute to derive the pool hit ratio. This data is derived from the pool hit ratio attribute in the KUD DB2 Database00 data set.
- Catalog Cache (%): Percentage of catalog sections found in cache. This data is derived from the cat cache hit ratio attribute in the KUD DB2 Database00 data set.
- Database Name: Database name. This data is derived from the db name attribute in the KUD DB2 Database00 data set.
- Failed SQL Statements (%): percentage of sql stmts failed. This data is derived from the sql stmts failed pct attribute in the KUD DB2 Database00 data set.
- Log Used (%): The percentage of the log space that is in used the database. This data is derived from the total log used pct attribute in the KUD DB2 Database00 data set.
- Package Cache (%): The percentage of package sections that were found in cache. This data is derived from the pkg cache hit ratio attribute in the KUD DB2 Database00 data set.
- Rollback Rate (%): percentage of sql stmts rollback. This data is derived from the sql stmts rollback pct attribute in the KUD DB2 Database00 data set.
- Status: The status of the database. The database with at least one active connection is considered as 'Active' whereas the healthy database having zero active connections is defined

as in 'Stopped' state. The critical databases are considered as 'InActive'. This data is derived from the dbase status attribute in the KUD DB2 Database00 data set.

- Transactions Per Min: The transaction per minute. This data is derived from the Transaction per min attribute in the KUD DB2 Database00 data set.

DB2 Server Information

The DB2 Server Information group widget provides a table that contains information about the DB2 server type and its version.

The following KPIs for the widget are derived from the attributes as described:

- DB2 Type: The type of database manager being monitored. This data is derived from the server db2 type attribute in the KUD DB2 System Overview data set.
- DB2 Version: Version of the server that is returning the data. This data is derived from the version attribute in the KUD DB2 System Overview data set.

HADR Status - Local Databases

The HADR Status group widget provides a table that contains the High Availability Disaster Recovery (HADR) information, such as database name, number of connected applications, the HADR role, state, connection status, and peer databases status for the databases.

The following KPIs for the widget are derived from the attributes as described:

- Connect Status: The current HADR connection status of the database. This data is derived from the hadr connect status attribute in the KUD DB2 HADR data set.
- Current Connection: Applications currently connected. This data is derived from the appls cur cons attribute in the KUD DB2 HADR data set.
- Database Name: Database Name. This data is derived from the db name attribute in the KUD DB2 HADR data set.
- Peer DB Status: The comprehensive HADR connection status for corresponding peer databases. The status returns as a 'Critical' when HADR state for primary database or principle standby is DISCONNECTED. It is derived as 'Warning' if the HADR state for auxiliary/secondary standby is DISCONNECTED. Otherwise the peer DB status is 'Normal'. This data is derived from the overall status attribute in the KUD DB2 HADR01 data set.
- Role: The current HADR role of the database. This data is derived from the hadr role attribute in the KUD DB2 HADR data set.
- State: The current HADR state of the database. This data is derived from the hadr state attribute in the KUD DB2 HADR data set.

Memory Used (History)

The Memory Used (History) group widget provides a graph that contains information about the historical trend of the memory used by the DB2 instance against the total memory that is allocated to the DB2 instance. Click the graph to view the details of the top five databases with the maximum memory usage.

The following KPIs for the widget are derived from the attributes as described:

- Time: Date/Time when the database system monitor information was collected. This data is derived from the snapshot time attribute in the KUD DB2 System Overview data set.
- Total Allocated Memory(MB): The total memory allocated to the DB2 instance. This data is derived from the db total mem allocated attribute in the KUD DB2 System Overview data set.
- Used Memory(MB): The total memory used by the DB2 instance. This data is derived from the db total mem used attribute in the KUD DB2 System Overview data set.

Pool Total Reads and Writes

The Pool Total Reads and Writes group widget provides a graph that shows the total number of read and write operations that are performed on five databases with the lowest hit ratio of bufferpool.

The following KPIs for the widget are derived from the attributes as described:

- Database Name: Database name. This data is derived from the db name attribute in the KUD DB2 Database00 data set.
- Reads: The total number of read requests that required I/O to get data pages and index pages into the buffer pool. The value format is integer. This attribute is the total of Pool Data Physical Reads and Pool Index Physical Reads attributes. This data is derived from the pool total reads attribute in the KUD DB2 Database00 data set.
- Writes: The total number of write requests. The value format is integer. This attribute is the total of Pool Data Writes and Pool Index Writes attributes. This data is derived from the pool total writes attribute in the KUD DB2 Database00 data set.

HADR Summary

The HADR Summary Dashboard provides the following details of the High Availability Disaster Recovery (HADR) databases:

- The peer of HADR databases information
- The historical trend for gap between the PRIMARY LOG POS value and STANDBY LOG POS value.
- The status of important flags for configured HADR databases.

The following widgets are available in this dashboard page:

HADR Databases Details

The HADR Databases Details group widget provides a table that contains information about the peer of the High Availability Disaster Recovery (HADR) databases such as HADR role, state, log delay, log gap, heartbeat miss rate, disconnect time left, remote instance, remote host, gap between standby receive and replay, replay-only window on active standby and standby error time.

The following KPIs for the widget are derived from the attributes as described:

- Disconnect Time Left(Sec): Time left to close HADR connection in seconds. Derived from Heartbeat Timeout and Time Since Last Recv. This data is derived from the hadr disconnect time left attribute in the KUD DB2 HADR01 data set.
- HADR Role: The current High Availability Disaster Recovery role of the database. This data is derived from the hadr role attribute in the KUD DB2 HADR01 data set.
- Heartbeat Miss Rate(%): The rate of missed heartbeats. It is derived from Heartbeat Expected and Heartbeat Missed. This data is derived from the heartbeat miss rate attribute in the KUD DB2 HADR01 data set.
- Log Delay(Sec): Calculated HADR log delay in seconds. Derived from Primary Log Time and Standby Log Time. This data is derived from the hadr log delay attribute in the KUD DB2 HADR01 data set.
- Log Gap(KB): Shows the recent average of the gap between the value PRIMARY LOG POS and value STANDBY LOG POS. The gap is measured in number of kilobytes. This data is derived from the hadr log gap attribute in the KUD DB2 HADR01 data set.
- Remote Host: The value of the configuration parameter hadr_local_host of the standby member that is processing the log stream. This data is derived from the standby member host attribute in the KUD DB2 HADR01 data set.
- Remote Instance: The DB2 instance name of the standby member that is processing the log stream. This data is derived from the standby instance attribute in the KUD DB2 HADR01 data set.
- Standby Error Time: Timestamp of the last error message logged by the standby database. This data is derived from the standby error time attribute in the KUD DB2 HADR01 data set.
- Standby Receive/Replay Gap(KB): The recent average in kilobytes, of the gap between the standby log receive position and the standby log replay position. This data is derived from the standby rec repl gap attribute in the KUD DB2 HADR01 data set.

- Standby Replay Only Window Active: Indicates whether the DDL or maintenance-operation replay is in progress on the standby. This data is derived from the standby reply only window active attribute in the KUD DB2 HADR01 data set.
- State: The current High Availability Disaster Recovery state of the database. This data is derived from the hadr state attribute in the KUD DB2 HADR01 data set.

Log Gap (History)

The Log Gap (History) group widget provides a graph of the historical trend to shows the average of gap between the PRIMARY LOG POS value and PRINCIPLE STANDBY LOG POS value when redirected from primary or principle standby database. Otherwise the gap between PRIMARY LOG POS value and AUXILIARY STANDBY LOG POS value when redirected from any of the auxiliary standby database.

The following KPIs for the widget are derived from the attributes as described:

- Log Gap: Shows the recent average of the gap between the value PRIMARY LOG POS and value STANDBY LOG POS. The gap is measured in number of kilobytes. This data is derived from the hadr log gap attribute in the KUD DB2 HADR01 data set.
- Time: Date/Time of query execution. This data is derived from the query timestamp attribute in the KUD DB2 HADR01 data set.

Standby Flag Status

The HADR Flag Status group widget provides a table that contains information about the role and important flags status for High Availability Disaster Recovery (HADR) standby databases. The flags includes - standby receive blocked, log device full, key rotation error, tablespace error, replay not on preferred.

The following KPIs for the widget are derived from the attributes as described:

- HADR Role: The current High Availability Disaster Recovery role of the database. This data is derived from the hadr role attribute in the KUD DB2 HADR01 data set.
- Key Rotation Error: Returns YES, if the standby database encountered a master key rotation error. This data is derived from the standby key rotation error attribute in the KUD DB2 HADR01 data set.
- Log Device Full: Returns YES, if the standby log device is full. This data is derived from the standby log device full attribute in the KUD DB2 HADR01 data set.
- Receive Blocked: Returns YES, if the standby database temporarily cannot receive logs. This data is derived from the standby recv blocked attribute in the KUD DB2 HADR01 data set.
- Replay not on Preferred: Returns YES, if the current replay member on the standby is not the preferred replay member. This data is derived from the standby reply not on preferred attribute in the KUD DB2 HADR01 data set.
- Tablespace Error: Returns YES, if a table space of standby database is in an invalid error state and can no longer replay transactions affecting it. This data is derived from the standby tablespace error attribute in the KUD DB2 HADR01 data set.

Additional group widgets

These pop-up group widgets are displayed after you click a group widget for more details. Some group widgets have links to more granular information in a popup widget, described here.

The following widgets are available in this dashboard page:

CPU Usage Time - Top 5

The CPU Usage Time - Top 5 group widget provides a graph that contains information about the top five databases with the highest CPU usage.

The following KPIs for the widget are derived from the attributes as described:

- CPU Usage(ms): The percentage of CPU used on the system by database. This data is derived from the db cpu usage pct attribute in the KUD DB2 Database00 data set.
- Database Name: Database name. This data is derived from the db name attribute in the KUD DB2 Database00 data set.

db2 events attribute dummy widget

Description needed in JSON

The following KPIs for the widget are derived from the attributes as described:

Memory Usage (%)-Top 5

The Memory Usage (%)-Top 5 group widget provides a graph that contains information about the top five databases with the highest memory usage.

The following KPIs for the widget are derived from the attributes as described:

- **Database:** Database name. This data is derived from the db name attribute in the KUD DB2 Database00 data set.
- **Usage(%):** The percentage of system memory that is used by the database. This data is derived from the db mem usage pct attribute in the KUD DB2 Database00 data set.

Custom views

After you select an application that includes a DB2 managed resource, the **Custom Views** tab is available for displaying and building custom dashboard pages with attribute values from the Db2 agent. You can quickly build monitoring pages for an application and save them for viewing.

Only a subset of Db2 agent attributes, which are the most useful for reporting, are available for custom views. These attributes are shown in *italic* in [Chapter 4, “Attributes,”](#) on page 27.

Chapter 3. Thresholds

Thresholds test for certain conditions on your managed resources, such as memory usage over 95%, and raise an event when the conditions have been met. The agent comes with predefined thresholds that you can use to monitor your DB2 environment. You can create additional thresholds for the areas of interest.

After you click  **System Configuration** > **Threshold Manager**, select **DB2** as the data source type to see all the available thresholds.

Predefined thresholds

The thresholds are organized in the Cloud APM console **Threshold Manager** by the data set for which they were written. The Db2 agent has the following predefined thresholds:

UDB_Agent_Insufficient_Auth

The user ID that is used to run the DB2 agent does not have DB2 SYSADM authority. SYSADM authority is required for the agent to turn on all monitoring switches.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_Agent_Event.Error_Code *EQ -1092
```

This threshold is evaluated every .

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_Agent_Event.Error_Code [KUDAGINF.ERRCODE], KUD_Agent_Event.instance_name [KUDAGINF.INSTNAME].

UDB_Appl_BP_Hit_Ratio_Low_2

An application experiences low buffer pool hit ratio.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Application00.pool_hit_ratio *LT 0
```

This threshold is evaluated every 1 minute.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the appl_name attribute.

This threshold uses the following attributes: KUD_DB2_Application00.pool_hit_ratio [KUDAPPL00.PHR] (not visible in the UI), KUD_DB2_Application00.appl_name [KUDAPPL00.APNM].

UDB_Appl_PkgCache_Hit_Low_2

An application experiences low package cache hit ratio.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Application00.pkg_cache_hit_ratio *LT 50
```

This threshold is evaluated every 1 minute.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Application00.pkg_cache_hit_ratio [KUDAPPL00.PCHRT], KUD_DB2_Application00.db_name [KUDAPPL00.DBNM].

UDB_Buff_Max_Used_Pct_Crit_2

The percentage of maximum FCM buffers that is used exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.buff_max_used_pct *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.buff_max_used_pct [KUDSYSINFO.BMXUP] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Buff_Used_Pct_Crit_2

The percentage of FCM buffers that is used exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.buf_used_pct *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.buf_used_pct [KUDSYSINFO.BUSDP], KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Ce_Max_Used_Pct_Crit_2

The percentage of maximum FCM connections entries that are used exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*VALUE KUD_DB2_System_Overview.ce_max_used_pct *GT 95.00
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.ce_max_used_pct [KUDSYSINFO.CEMXUP] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Ce_Used_Pct_Crit_2

The percentage of FCM connection entries that is used exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.ce_used_pct *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.ce_used_pct [KUDSYSINFO.CEUSDP] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Connection_Used_High_Warn

The percentage of maximum FCM connection entries that are used exceeds the warning threshold.

The default configuration has the following SQL syntax:

```
*VALUE KUD_DB2_System_Overview.ce_max_used_pct *LT 95.00 *AND *VALUE  
KUD_DB2_System_Overview.ce_max_used_pct *GT 80
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is WARNING.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.ce_max_used_pct [KUDSYSINFO.CEMXUP] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Current_SQL_Status_Crit

Elapse Time/CPU Time of query execution exceeded Threshold value.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Current_SQL.status *EQ Critical
```

This threshold is evaluated every 3 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Current_SQL.status [KUDCURSQL.STATUS], KUD_DB2_Current_SQL.db_name [KUDCURSQL.DBNAME].

UDB_Customized_SQL_Failed

The execution of a customized SQL statement fails.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_Customized_SQL_Status.Last_Execution_Error_Code *NE 0
```

This threshold is evaluated every 15 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the DB_Alias attribute.

This threshold uses the following attributes:

KUD_Customized_SQL_Status.Last_Execution_Error_Code [KUDSQLSTAT.LASTERROR] (not visible in the UI), KUD_Customized_SQL_Status.DB_Alias [KUDSQLSTAT.DBALIAS] (not visible in the UI).

UDB_DB_BP_Hit_Ratio_Low_2

A database buffer pool hit ratio falls below 50%.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.pool_hit_ratio *LE 50 *AND *VALUE  
KUD_DB2_Database00.dbase_status *NE InActive
```

This threshold is evaluated every 1 minute.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.pool_hit_ratio [KUDDBASE00.PLHR], KUD_DB2_Database00.dbase_status [KUDDBASE00.DBSTAT], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_BP_Hit_Ratio_Low_Warn

The hit ratio of the database buffer pool is low.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.pool_hit_ratio *GT 50 *AND *VALUE  
KUD_DB2_Database00.pool_hit_ratio *LE 90 *AND *VALUE  
KUD_DB2_Database00.dbase_status *NE InActive
```

This threshold is evaluated every 15 minutes.

The severity of this threshold is WARNING.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.pool_hit_ratio [KUDDBASE00.PLHR], KUD_DB2_Database00.dbase_status [KUDDBASE00.DBSTAT], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_Cat_Cache_Hit_Rat_Crit_2

The percentage in the catalog cache hit ratio drops below the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.cat_cache_hit_ratio *LT 80 *AND *VALUE  
KUD_DB2_Database00.dbase_status *NE InActive
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.cat_cache_hit_ratio [KUDDBASE00.CCHRAT], KUD_DB2_Database00.dbase_status [KUDDBASE00.DBSTAT], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_Cur_Cons_Pct_Crit_2

The percentage of database connections exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*VALUE KUD_DB2_Database01.cur_cons_pct *GT 95.00
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.cur_cons_pct [KUDDBASE01.CURCP] (not visible in the UI), KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Dlk_Rb_Pct_For_Int_Crt_2

The internal deadlock rollbacks percentage for an interval exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.int_deadlock_rollbacks_pct_for_int *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes:

KUD_DB2_Database01.int_deadlock_rollbacks_pct_for_int [KUDDBASE01.IDRBKPI] (not visible in the UI), KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_File_Closed_High_2

Issues a warning alert if the number of files that are closed for a database exceeds 500 files.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.files_closed *GT 500
```

This threshold is evaluated every 1 minute.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.files_closed [KUDDBASE00.FLCLS] (not visible in the UI), KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_Int_Ddlck_Rb_Pct_Crit_2

The percentage of internal rollbacks that are caused by internal deadlocks exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.int_deadlock_rollbacks_pct *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.int_deadlock_rollbacks_pct [KUDDBASE01.IDRBKP] (not visible in the UI), KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Invalid_Pkgs_Crit_2

Issues a critical alert if the number of all packages exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.invalid_pkgs *GT 20
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.invalid_pkgs [KUDDBASE01.IPKG] (not visible in the UI), KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Invalid_Sys_Pkgs_Crit_2

The number of SYSTEM packages that are not valid exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.invalid_sys_pkgs *GT 20
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.invalid_sys_pkgs [KUDDBASE01.ISPKG] (not visible in the UI), KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Invalid_Triggers_Crit_2

Issues a critical alert if the number of triggers that are not valid exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.invalid_triggers *GT 20
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.invalid_triggers [KUDDBASE01.ITRIG] (not visible in the UI), KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Lock_Waits_Pct_Crit_2

The percentage of applications in lock wait exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.lock_waits_pct *GT 85
```

This threshold is evaluated every 10 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.lock_waits_pct [KUDDBASE01.LKWTP], KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Pool_Hit_Idx_Pct_Crit_2

The percentage in the buffer pool hit ratio (index) falls below the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.pool_hit_ratio_index_pct_for_int *LT 80
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.pool_hit_ratio_index_pct_for_int [KUDDBASE01.PHRIPI] (not visible in the UI), KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Pool_Hit_Rat_Pct_Crit_2

The percentage in the buffer pool hit ratio (data plus index) falls below the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.pool_hit_ratio_pct_for_int *LT 80
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.pool_hit_ratio_pct_for_int [KUDDBASE01.PHRPI], KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Sec_Log_Used_Pct_Crit_2

The percentage that is used in the secondary log exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database01.sec_log_used_pct *GT 95
```

This threshold is evaluated every 10 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database01.sec_log_used_pct [KUDDBASE01.SLGUP], KUD_DB2_Database01.db_name [KUDDBASE01.DBNM].

UDB_DB_Sort_Overflow_High

The percentage of sort overflows has exceeded the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.sort_overflows_pct *GE 50
```

This threshold is evaluated every 15 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.sort_overflows_pct [KUDDBASE00.SOFP], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_Sort_Overflow_Warn

The percentage of sort overflows has exceeded the warning threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.sort_overflows_pct *GT 30 *AND *VALUE  
KUD_DB2_Database00.sort_overflows_pct *LE 50
```

This threshold is evaluated every 15 minutes.

The severity of this threshold is WARNING.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.sort_overflows_pct [KUDDBASE00.SOFP], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_Sql_Stmts_Fail_Pct_Crt_2

A monitored database experiences more than 95% SQL statement failures.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.sql_stmts_failed_pct *GT 95
```

This threshold is evaluated every 30 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.sql_stmts_failed_pct [KUDDBASE00.STMFP], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_Sql_Stmts_Fail_Pct_Warn

The percentage failures of SQL statements has exceeded the warning threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.sql_stmts_failed_pct *GT 80 *AND *VALUE  
KUD_DB2_Database00.sql_stmts_failed_pct *LE 95
```

This threshold is evaluated every 15 minutes.

The severity of this threshold is WARNING.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.sql_stmts_failed_pct [KUDDBASE00.STMFP], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_DB_Status_Crit

The database state is not active.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Database00.dbase_status *EQ InActive
```

This threshold is evaluated every 15 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Database00.dbase_status [KUDDBASE00.DBSTAT], KUD_DB2_Database00.db_name [KUDDBASE00.DBNM].

UDB_HADR_Aux_Standby_Disconnect

The HADR state of any Auxiliary(Secondary) standby database is disconnected.

The default configuration has the following SQL syntax:

```
*VALUE KUD_DB2_HADR01.hadr_state *EQ 0 *AND *VALUE KUD_DB2_HADR01.hadr_role
*GE 2
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is WARNING.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_HADR01.hadr_state [KUDHADR01.HADRSTATE], KUD_DB2_HADR01.hadr_role [KUDHADR01.HADRROLE], KUD_DB2_HADR01.db_name [KUDHADR01.DBNAME].

UDB_HADR_Con_Status_Disconnect

The connection between the primary database and standby database is lost.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_HADR.hadr_connect_status *EQ 2
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_HADR.hadr_connect_status [KUDDB2HADR.CONNSTATUS], KUD_DB2_HADR.db_name [KUDDB2HADR.DBNAME].

UDB_HADR_Primary_Down

The primary database is inactive.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_HADR.hadr_role *EQ 1 *AND *VALUE KUD_DB2_HADR.db_status
*EQ -2
```

This threshold is evaluated every 3 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_HADR.hadr_role [KUDDB2HADR.ROLE], KUD_DB2_HADR.db_status [KUDDB2HADR.DBSTATUS], KUD_DB2_HADR.db_name [KUDDB2HADR.DBNAME].

UDB_HADR_Standby_Down

The standby database is inactive.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_HADR.hadr_role *EQ 2 *AND *VALUE KUD_DB2_HADR.db_status
*EQ -2
```

This threshold is evaluated every 3 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_HADR.hadr_role [KUDDB2HADR.ROLE], KUD_DB2_HADR.db_status [KUDDB2HADR.DBSTATUS], KUD_DB2_HADR.db_name [KUDDB2HADR.DBNAME].

UDB_Inst_Status_Crit

The monitored UDB is not at active status.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.db2_status *EQ Inactive/Busy *OR *VALUE
KUD_DB2_System_Overview.db2_status *EQ Unknown
```

This threshold is evaluated every 1 minute.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.db2_status [KUDSYSINFO.DB2STAT], KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Log_Diag_Msg_Crit

The severity level of the log record is critical.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_Diagnostic_Log.level *EQ Critical
```

This threshold is evaluated every .

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the db_name attribute.

This threshold uses the following attributes: KUD_DB2_Diagnostic_Log.level [KUDDIAGLOG.LEVEL] (not visible in the UI), KUD_DB2_Diagnostic_Log.db_name [KUDDIAGLOG.DBNM] (not visible in the UI).

UDB_Max_Agent_Overflows_High_2

The UDB server experiences more than 50 maximum agent overflows.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.max_agent_overflows *GT 50
```

This threshold is evaluated every 1 minute.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.max_agent_overflows [KUDSYSINFO.MXAOFL] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Ma_Max_Used_Pct_Crit_2

The percentage of maximum FCM message anchors that is used exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.ma_max_used_pct *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.ma_max_used_pct [KUDSYSINFO.MAMXUP] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Piped_Sorts_Rej_Pct_Crit_2

The percentage of piped sorts that is rejected exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.piped_sorts_rejected_pct_for_int *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes:

KUD_DB2_System_Overview.piped_sorts_rejected_pct_for_int [KUDSYSINFO.PSREJPI] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Pip_Sort_Hit_Rat_Pct_Crt_2

The percentage in the piped sort hits ratio exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.piped_sort_hit_ratio_pct_for_int *LT 80
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes:

KUD_DB2_System_Overview.piped_sort_hit_ratio_pct_for_int [KUDSYSINFO.PSHRPI],
KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Rb_Max_Used_Pct_Crit_2

The percentage of maximum FCM request blocks that is used exceeds the critical thresholds.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.rb_max_used_pct *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.rb_max_used_pct [KUDSYSINFO.RBMXUP] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_Rb_Used_Pct_Crit_2

The percentage of FCM request blocks that is currently used exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*IF *VALUE KUD_DB2_System_Overview.rb_used_pct *GT 95
```

This threshold is evaluated every 1 hour.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the instance_name attribute.

This threshold uses the following attributes: KUD_DB2_System_Overview.rb_used_pct [KUDSYSINFO.RBUSDP] (not visible in the UI), KUD_DB2_System_Overview.instance_name [KUDSYSINFO.INAME].

UDB_TS_Utilization_Crit

The percentage of tablespace usage exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*VALUE KUD_Tablespace_Auto_Resize.TBSP_Utilization *GT 95.00 *AND *VALUE  
KUD_Tablespace_Auto_Resize.TBSP_Using_Auto_Storage *EQ 0
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the DB_Name attribute.

This threshold uses the following attributes: KUD_Tablespace_Auto_Resize.TBSP_Utilization [KUDRESIZ.TSUTIL], KUD_Tablespace_Auto_Resize.TBSP_Using_Auto_Storage [KUDRESIZ.AUTOSTORAG], KUD_Tablespace_Auto_Resize.DB_Name [KUDRESIZ.DBNM].

UDB_TS_Utilization_Crit_2

The maximum tablespace size that is used exceeds the critical threshold.

The default configuration has the following SQL syntax:

```
*VALUE KUD_Tablespace_Auto_Resize.TBSP_Using_Auto_Storage *EQ 1 *AND *VALUE  
KUD_Tablespace_Auto_Resize.Used_tablespace_Size_To_Maximum_tablespace_Size  
*GT 95.00
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is CRITICAL.

The threshold is evaluated for each distinct value of the DB_Name attribute.

This threshold uses the following attributes:

```
KUD_Tablespace_Auto_Resize.TBSP_Using_Auto_Storage [KUDRESIZ.AUTOSTORAG],  
KUD_Tablespace_Auto_Resize.Used_tablespace_Size_To_Maximum_tablespace_Size  
[KUDRESIZ.USEDMAX], KUD_Tablespace_Auto_Resize.DB_Name [KUDRESIZ.DBNM].
```

Customized thresholds

You can use the predefined thresholds as a starting point for event monitoring, and create your own thresholds as conditions arise that you want to monitor.

The Db2 agent has many data sets that you can use to create thresholds to monitor for specific conditions. For descriptions of the data sets, see [Chapter 4, “Attributes,”](#) on page 27.

Tip: The hover help for the **Threshold Editor Data set** field has a *Learn more* link to the attribute descriptions for the selected data set.

Chapter 4. Attributes

Attributes are the application properties that are being measured and reported by the Monitoring Agent for DB2. Attributes make up the key performance indicators (KPIs) that are reported, and you can use them to create thresholds for conditions that you want to monitor.

About attributes

Attributes are organized into *data sets* (also referred to as *attribute groups*). The values can be selectively displayed in dashboard pages or used to define a threshold.

The most recent data sample of the attributes in the data set are used after you open a dashboard page or start a threshold.

Dashboard pages

Only a subset of Db2 agent attributes is displayed in the dashboard pages. Queries to the dashboard data provider specify which attribute values to request from the managed resource. These attributes are shown in *italic* in this chapter. You can use these attributes to create the charts and tables in custom dashboard pages.

Thresholds

You can define thresholds that monitor the state of your operating system, database, or application and open an event when the threshold is exceeded. You use attributes to define thresholds that describe a condition that you want to test. After the threshold is started, the attribute values that are specified in the threshold are compared with the values collected by the Db2 agent. After the condition is met, an event is registered and you are alerted by indicators in the Application Performance Dashboard navigator, **All My Applications** summary boxes, and the **Events** tab.

The Db2 agent comes with *predefined thresholds* that are enabled and started with the agent. If you edit a predefined threshold, such as to change the condition or severity, it is no longer treated as a predefined threshold but considered a *custom threshold*.

All Db2 agent attributes, unless otherwise noted, can be used to create custom thresholds. The **Events** tab has a table of open events with information, including threshold name, severity, source, and display item. You can expand an event row to see the formula and drill down to the dashboard page for the managed resource.

Some attributes names display differently in the Threshold Editor, as shown in parentheses after the name, such as "Object Count (OBJECT_COUNT)".

Historical data configurations

The Db2 agent collects historical data for key data sets that are shown in the dashboard pages. A page that includes historical views from the managed resource instance has a time selector tool for adjusting the time range. With line charts, you can also compare the values with a previous day, up to the number of days that have been saved.

Additional information about attributes

Note the following conditions:

- When no data can be collected for a data set, an empty result is returned (no rows of data)
- When a specific attribute cannot be collected, the value 0 or "" is returned unless otherwise specified in a particular attribute (for example, "N/A")
- Any numeric attribute value that is greater than the largest (positive or negative) number that can be represented by that type returns the corresponding maximum or minimum value (for example, the maximum value for a 32-bit number is 2,147,483,647). These values are displayed as text values that are defined by the data set, such as "Value Exceeds Maximum" or "Value Exceeds Minimum".

Numeric attributes have characteristics that are indicated in parentheses after the data type, such as "(32-bit numeric property)". A numeric attribute value can be 32-bit or 64-bit or some other size. The

value type can be gauge, which means it varies, like a speedometer; counter, which counts and always increases; or numeric property, such as disk size.

For a list of the data sets, a list of the attributes in each data set, and descriptions of the attributes in the Db2 agent, see [“Data sets for the monitoring agent” on page 28](#) and [“Attribute descriptions” on page 30](#).

Data sets for the monitoring agent

The Db2 agent contains the following data sets.

- Data set name: DB2 Agent Event
 - Table name: KUDAGINF
 - Historical table name: KUD00_KUD_AGENT_EVENT or KUDAGINF
- Data set name: DB2 Application00
 - Table name: KUDAPPL00
 - Historical table name: KUD00_KUD_DB2_APPLICATION00 or KUDAPPL00
- Data set name: DB2 Application00 (Superseded)
 - Table name: KUD2649700
 - Historical table name: KUD00_KUDDDB2APPLGROUP00 or KUD2649700
- Data set name: DB2 Application00U (Superseded)
 - Table name: KUD2649900
 - Historical table name: KUD00_KUDDDB2APPLGROUP00_U or KUD2649900
- Data set name: DB2 Application01
 - Table name: KUDAPPL01
 - Historical table name: KUD00_KUD_DB2_APPLICATION01 or KUDAPPL01
- Data set name: DB2 Application01 (Superseded)
 - Table name: KUD2649800
 - Historical table name: KUD00_KUDDDB2APPLGROUP01 or KUD2649800
- Data set name: DB2 Apply Program
 - Table name: KUDAPPLYPM
 - Historical table name: KUD00_KUD_DB2_APPLY_PROGRAM or KUDAPPLYPM
- Data set name: DB2 Apply Subscription
 - Table name: KUDAPPLYSN
 - Historical table name: KUD00_KUD_DB2_APPLY_SUBSCRIPTION or KUDAPPLYSN
- Data set name: DB2 Buffer Pool
 - Table name: KUDBPOOL
 - Historical table name: KUD00_KUD_DB2_BUFFER_POOL or KUDBPOOL
- Data set name: DB2 Buffer Pool (Superseded)
 - Table name: KUD4177600
 - Historical table name: KUD00_KUDBUFFERPOOL00 or KUD4177600
- Data set name: DB2 Current SQL
 - Table name: KUDCURSQL
 - Historical table name: KUD00_KUD_DB2_CURRENT_SQL or KUDCURSQL
- Data set name: DB2 Customized SQL Definition

- Table name: KUDCUSSDEF
- Historical table name: KUD00_KUD_CUSTOMIZED_SQL_DEFINITION or KUDCUSSDEF
- Data set name: DB2 Customized SQL Detail
 - Table name: KUDCUSSQLD
 - Historical table name: KUD00_KUD_CUSTOMIZED_SQL_DETAIL or KUDCUSSQLD
- Data set name: DB2 Customized SQL Status
 - Table name: KUDSQLSTAT
 - Historical table name: KUD00_KUD_CUSTOMIZED_SQL_STATUS or KUDSQLSTAT
- Data set name: DB2 Database00
 - Table name: KUDDBASE00
 - Historical table name: KUD00_KUD_DB2_DATABASE00 or KUDDBASE00
- Data set name: DB2 Database00 (Superseded)
 - Table name: KUD3437500
 - Historical table name: KUD00_KUDDBASEGROUP00 or KUD3437500
- Data set name: DB2 Database01
 - Table name: KUDDBASE01
 - Historical table name: KUD00_KUD_DB2_DATABASE01 or KUDDBASE01
- Data set name: DB2 Database01 (Superseded)
 - Table name: KUD3437600
 - Historical table name: KUD00_KUDDBASEGROUP01 or KUD3437600
- Data set name: DB2 Database02
 - Table name: KUDDBASE02
 - Historical table name: KUD00_KUD_DB2_DATABASE02 or KUDDBASE02
- Data set name: DB2 DCS Database
 - Table name: KUDDCSDB
 - Historical table name: KUD00_KUD_DB2_DCS_DATABASE or KUDDCSDB
- Data set name: DB2 Diagnostic Log
 - Table name: KUDDIAGLOG
 - Historical table name: KUD00_KUD_DB2_DIAGNOSTIC_LOG or KUDDIAGLOG
- Data set name: DB2 Diagnostic Messages (Superseded)
 - Table name: KUDMESSAGE
- Data set name: DB2 HADR
 - Table name: KUDDB2HADR
 - Historical table name: KUD00_KUD_DB2_HADR or KUDDB2HADR
- Data set name: DB2 HADR01
 - Table name: KUDHADR01
 - Historical table name: KUD00_KUD_DB2_HADR01 or KUDHADR01
- Data set name: DB2 Locking Conflict
 - Table name: KUD5214100
 - Historical table name: KUD00_KUDLOCKCONFLICT00 or KUD5214100
- Data set name: DB2 Log
 - Table name: KUDLOG

- Historical table name: KUD00_KUD_DB2_LOG or KUDLOG
- Data set name: DB2 Log Record
 - Table name: KUDLOGREC
- Data set name: DB2 Network Info
 - Table name: KUDIPADDR
 - Historical table name: KUD00_KUD_DB2_IPADDR_TABLE or KUDIPADDR
- Data set name: DB2 Slow SQL Stmts
 - Table name: KUDSLSQL00
 - Historical table name: KUD00_DB2_SLOW_SQL_STMTS or KUDSLSQL00
- Data set name: DB2 System Overview
 - Table name: KUDSYSINFO
 - Historical table name: KUD00_KUD_DB2_SYSTEM_OVERVIEW or KUDSYSINFO
- Data set name: DB2 System Overview (Superseded)
 - Table name: KUD4238000
 - Historical table name: KUD00_KUDINFO00 or KUD4238000
- Data set name: DB2 System Resources
 - Table name: KUDSYSRES
 - Historical table name: KUD00_KUD_DB2_SYSTEM_RESOURCES or KUDSYSRES
- Data set name: DB2 Table
 - Table name: KUDTABLE
 - Historical table name: KUD00_KUD_DB2_TABLE or KUDTABLE
- Data set name: DB2 Tablespace
 - Table name: KUDTBLSPC
 - Historical table name: KUD00_KUD_DB2_TABLESPACE or KUDTBLSPC
- Data set name: DB2 Tablespace (Superseded)
 - Table name: KUDTABSPC
 - Historical table name: KUD00_KUDTABSPACE or KUDTABSPC
- Data set name: DB2 Tablespace Auto-resize
 - Table name: KUDRESIZ
 - Historical table name: KUD00_KUD_TABLESPACE_AUTO_RESIZE or KUDRESIZ

Attribute descriptions

Attributes in each Db2 agent data set collect data that the agent uses for monitoring.

The descriptions of the data sets contain information such as description, type, and names for each attribute in the data set. Some attributes are designated as key attributes, which are identifier attributes for the data set. An attribute in *italic* indicates that it is available for display in the Cloud APM console dashboard pages.

DB2 Agent Event data set

[KUD_Agent_Event] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained

for 8 days by default. The attributes shown in *italic* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

DB Name

Database name. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: *DB_NAME* or *DBNM* (historical name), *DB Name* (caption), *DB_Name* (attribute name), and *DBNM* (column name).

Description

The description for the event. The type is string with enumerated values. The following values are defined: Non DB2 Admin (*Non_DB2_Admin*), Attach Failure (*Attach_Failure*), Client Type (*Client_Type_Instance*), Standby Server (*Standby_Server*). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: *DESCRIPTION* or *DESCRIPT* (historical name), *Description* (caption), *description* (attribute name), and *DESCRIPT* (column name).

Error Code

The error code. The type is integer (32-bit numeric property).

The following names are defined for this attribute: *ERROR_CODE* or *ERRCODE* (historical name), *Error Code* (caption), *Error_Code* (attribute name), and *ERRCODE* (column name).

Error Message

The error message that is normally returned from DB2. The type is string.

The following names are defined for this attribute: *ERROR_MESSAGE* or *ERRMSG* (historical name), *Error Message* (caption), *Error_Message* (attribute name), and *ERRMSG* (column name).

Instance Name

Instance name of DB2. The type is string with enumerated values. The following values are defined: unknown (unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: *INSTANCE_NAME* or *INSTNAME* (historical name), *Instance Name* (caption), *instance_name* (attribute name), and *INSTNAME* (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: *NODE* (historical name), *Node* (caption), *ORIGINNODE* (attribute name), and *ORIGINNODE* (column name).

SQL State

The SQL STATE returned by DB2. The type is string.

The following names are defined for this attribute: *SQL_STATE* or *SQLSTATE* (historical name), *SQL State* (caption), *SQL_State* (attribute name), and *SQLSTATE* (column name).

Suggestion

The suggestion for the event. The type is string.

The following names are defined for this attribute: *SUGGESTION* or *SUGTN* (historical name), *Suggestion* (caption), *Suggestion* (attribute name), and *SUGTN* (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: *TIMESTAMP* (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and *TIMESTAMP* (column name).

Category

The category of the event. The type is string.

The following names are defined for this attribute: CATEGORY (historical name), Category (caption), Category (attribute name), and CATEGORY (column name).

Event Level

The level of the event. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Error (1), Warning (2), Info (3), Misc (4). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_LEVEL or LEVEL (historical name), Event Level (caption), Event_Level (attribute name), and LEVEL (column name).

Host Name

DB2 host name The type is string.

The following names are defined for this attribute: HOST_NAME or HOSTNAME (historical name), Host Name (caption), Host_Name (attribute name), and HOSTNAME (column name).

Subcategory

The subcategory of the event. The type is string.

The following names are defined for this attribute: SUBCATEGORY or SUBCAT (historical name), Subcategory (caption), Subcategory (attribute name), and SUBCAT (column name).

DB2 Application00 data set

[KUD_DB2_Application00] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italic* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Appl ID

Application Id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_ID or APID (historical name), *Appl ID* (caption), appl_id (attribute name), and APID (column name).

Appl Name

Application name The type is string.

The following names are defined for this attribute: APPL_NAME or APNM (historical name), *Appl Name* (caption), appl_name (attribute name), and APNM (column name).

Avg Pool Read Time

average pool read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or AVPRT (historical name), *Avg Pool Read Time* (caption), avg_pool_read_time (attribute name), and AVPRT (column name).

Cat Cache Overflows

of catalog cache overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_OVERFLOWS or CCOF (historical name), *Cat Cache Overflows* (caption), cat_cache_overflows (attribute name), and CCOF (column name).

DB Name

Database name The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), *DB Name* (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), *DB Partition* (caption), db_partition (attribute name), and PRTNNO (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), *Instance Name* (caption), instance_name (attribute name), and INAME (column name).

Lock Waits

Lock waits since appl. connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS or LKWT (historical name), *Lock Waits* (caption), lock_waits (attribute name), and LKWT (column name).

Locks Held

locks currently held by appl The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_HELD or LHLD (historical name), *Locks Held* (caption), locks_held (attribute name), and LHLD (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Pkg Cache Hit Ratio

package cache hit ratio (package found in cache / pkg_cache_lookups) The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_HIT_RATIO or PCHRT (historical name), *Pkg Cache Hit Ratio* (caption), pkg_cache_hit_ratio (attribute name), and PCHRT (column name).

Pool Total Reads

The total number of read requests that required I/O to get data pages and index pages into the buffer pool. The value format is integer. This attribute is the total of Pool Data Physical Reads and Pool Index Physical Reads attributes. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS or PTLR (historical name), *Pool Total Reads* (caption), pool_total_reads (attribute name), and PTLR (column name).

Pool Total Writes

The total number of write requests. The value format is integer. This attribute is the total of Pool Data Writes and Pool Index Writes attributes. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES or PTLW (historical name), *Pool Total Writes* (caption), pool_total_writes (attribute name), and PTLW (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Acc Curs Blk

Acc block remote cursor requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACC_CURS_BLK or ACBK (historical name), Acc Curs Blk (caption), acc_curs_blk (attribute name), and ACBK (column name).

Agent ID

Application handle The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID or AGID (historical name), Agent ID (caption), agent_id (attribute name), and AGID (column name).

Agent ID Holding Lock

Application holding the lock The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID_HOLDING_LK or AGIHL (historical name), Agent ID Holding Lock (caption), agent_id_holding_lk (attribute name), and AGIHL (column name).

Appl Conn Timestamp

Connect start date/time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_CON_TIME or APCT (historical name), Appl Conn Timestamp (caption), appl_con_time (attribute name), and APCT (column name).

Appl ID Holding Lock

Appl. holding the lock The type is string.

The following names are defined for this attribute: APPL_ID_HOLDING_LK or AIHL (historical name), Appl ID Holding Lock (caption), appl_id_holding_lk (attribute name), and AIHL (column name).

Appl Idle Time

Application idle time (seconds) The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_IDLE_TIME or APIT (historical name), Appl Idle Time (caption), appl_idle_time (attribute name), and APIT (column name).

Appl Status

Application Status The type is string with enumerated values. The following values are defined: Backing Up Database (Backing_Up_Database), Commit Active (Commit_Active), Compiling SQL Stmt (Compiling_SQL_Stmt), Connect Pending (Connect_Pending), Connected (Connected), Creating

Database (Creating_Database), Decoupled (Decoupled), Disconnect Pending (Disconnect_Pending), I/O Error Waiting (I/O_Error_Waiting), Loading Database (Loading_Database), Lock Waiting (Lock_Waiting), Prepared Transaction (Prepared_Transaction), Quiescing a Tablespace (Quiescing_a_Tablespace), Recompiling Plan (Recompiling_Plan), Request Interrupted (Request_Interrupted), Restarting Database (Restarting_Database), Restoring Database (Restoring_Database), Rollback Active (Rollback_Active), Trans. heuristically aborted (Trans._heuristically_aborted), Trans. heuristically committed (Trans._heuristically_committed), Transaction ended (Transaction_ended), UOW Executing (UOW_Executing), UOW Waiting in the application (UOW_Waiting_in_the_application), Unloading Database (Unloading_Database), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_STATUS or ASTAT (historical name), Appl Status (caption), appl_status (attribute name), and ASTAT (column name).

Auth ID

Authorization ID The type is string.

The following names are defined for this attribute: AUTH_ID or AUTID (historical name), Auth ID (caption), auth_id (attribute name), and AUTID (column name).

Avg Lock Wait Time

average lock wait time in seconds The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCK_WAITTIME or AVLWT (historical name), Avg Lock Wait Time (caption), avg_lock_waittime (attribute name), and AVLWT (column name).

Avg Pool Write Time

Average elapsed time for a write request. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or AVPWT (historical name), Avg Pool Write Time (caption), avg_pool_write_time (attribute name), and AVPWT (column name).

Avg Sort Time

average sort time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SORT_TIME or AVST (historical name), Avg Sort Time (caption), avg_sort_time (attribute name), and AVST (column name).

Binds Precompiles

of Binds/Precomps since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BINDS_PRECOMPILES or BPCMP (historical name), Binds Precompiles (caption), binds_precompiles (attribute name), and BPCMP (column name).

Cat Cache Heap Full

of overflows due to db heap full The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HEAP_FULL or CCHFL (historical name), Cat Cache Heap Full (caption), cat_cache_heap_full (attribute name), and CCHFL (column name).

Cat Cache Hit Ratio

The percentage of catalog sections found in cache) The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HIT_RATIO or CCHRT (historical name), Cat Cache Hit Ratio (caption), cat_cache_hit_ratio (attribute name), and CCHRT (column name).

Cat Cache Inserts

of table descriptors inserted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_INSERTS or CCIN (historical name), Cat Cache Inserts (caption), cat_cache_inserts (attribute name), and CCIN (column name).

Cat Cache Lookups

of table descriptor lookups The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_LOOKUPS or CCLUP (historical name), Cat Cache Lookups (caption), cat_cache_lookups (attribute name), and CCLUP (column name).

Client PID

Process thread ID of client appl. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PID or CLPID (historical name), Client PID (caption), client_pid (attribute name), and CLPID (column name).

Client Platform

Platform of client application The type is string with enumerated values. The following values are defined: OS/2 (OS/2), Windows3.x (Windows3.x), AIX (AIX), AS400 DRDA (AS400_DRDA), DOS (DOS), HP (HP), MAC (MAC), MVS DRDA (MVS_DRDA), SCO (SCO), SGI (SGI), SNI (SNI), SUN (SUN), LINUX (LINUX), UNKNOWN DRDA (UNKNOWN_DRDA), Unknown (Unknown), VM DRDA (VM_DRDA), VSE DRDA (VSE_DRDA), Windows95 (Windows95), WindowsNT (WindowsNT). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PLATFORM or CPLT (historical name), Client Platform (caption), client_platform (attribute name), and CPLT (column name).

Client Prdid

Product/version on client The type is string.

The following names are defined for this attribute: CLIENT_PRDID or CPID (historical name), Client Prdid (caption), client_prdid (attribute name), and CPID (column name).

Client Protocol

Communications protocol of client The type is string with enumerated values. The following values are defined: IPX/SPX (IPX/SPX), Named Pipe (Named_Pipe), APPC (APPC), APPN (APPN), CPIC (CPIC), Local (Local), Netbios (Netbios), TCPIP (TCPIP), TCPIPv4 (TCPIPv4), TCPIPv6 (TCPIPv6), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PROTOCOL or CPRT (historical name), Client Protocol (caption), client_protocol (attribute name), and CPRT (column name).

Commit SQL Stmts

of Commit SQL stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMIT_SQL_STMTS or CQSTM (historical name), Commit SQL Stmts (caption), commit_sql_stmts (attribute name), and CQSTM (column name).

Conn Complete Timestamp

Connect complete date/time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONN_COMPLETE_TIME or CCPT (historical name), Conn Complete Timestamp (caption), conn_complete_time (attribute name), and CCPT (column name).

Corr Token

DRDA AS correlation token The type is string.

The following names are defined for this attribute: CORR_TOKEN or CTKN (historical name), Corr Token (caption), corr_token (attribute name), and CTKN (column name).

Country Code

Country code of client application The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COUNTRY_CODE or CTRYCD (historical name), Country Code (caption), country_code (attribute name), and CTRYCD (column name).

Creator

The creator of the application The type is string.

The following names are defined for this attribute: CREATOR or CRTR (historical name), Creator (caption), creator (attribute name), and CRTR (column name).

Cursor Name

Cursor name The type is string.

The following names are defined for this attribute: CURSOR_NAME or CNM (historical name), Cursor Name (caption), cursor_name (attribute name), and CNM (column name).

DDL SQL Stmts

of data definition lang. stmts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_STMTS or DDLQ (historical name), DDL SQL Stmts (caption), ddl_sql_stmts (attribute name), and DDLQ (column name).

Deadlocks

Deadlocks since appl. connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS or DDLK (historical name), Deadlocks (caption), deadlocks (attribute name), and DDLK (column name).

Degree Parallelism

SMP intraquery parallelism requested The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEGREE_PARALLELISM or DPRL (historical name), Degree Parallelism (caption), degree_parallelism (attribute name), and DPRL (column name).

Direct Read Reqs

direct read requests since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or DRRQ (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and DRRQ (column name).

Direct Read Time

direct read time since connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or DRTI (historical name), Direct Read Time (caption), direct_read_time (attribute name), and DRTI (column name).

Direct Reads

direct reads since connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or DRD (historical name), Direct Reads (caption), direct_reads (attribute name), and DRD (column name).

Direct Write Reqs

direct write requests since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or DWRQ (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and DWRQ (column name).

Direct Write Time

direct write time since connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or DWTI (historical name), Direct Write Time (caption), direct_write_time (attribute name), and DWTI (column name).

Direct Writes

direct writes since connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or DWRT (historical name), Direct Writes (caption), direct_writes (attribute name), and DWRT (column name).

Dynamic SQL Stmts

of Dynamic SQL stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DYNAMIC_SQL_STMTS or DSQL (historical name), Dynamic SQL Stmts (caption), dynamic_sql_stmts (attribute name), and DSQL (column name).

Execution ID

Login ID The type is string.

The following names are defined for this attribute: EXECUTION_ID or EXCID (historical name), Execution ID (caption), execution_id (attribute name), and EXCID (column name).

Failed SQL Stmts

of Failed SQL stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS or FSTM (historical name), Failed SQL Stmts (caption), failed_sql_stmts (attribute name), and FSTM (column name).

Failed SQL Stmts Percent

failed sql statement percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS_PCT or FQP (historical name), Failed SQL Stmts Percent (caption), failed_sql_stmts_pct (attribute name), and FQP (column name).

Hash Join Overflows

number of hash join overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_OVERFLOWES or HJOF (historical name), Hash Join Overflows (caption), hash_join_overflows (attribute name), and HJOF (column name).

Hash Join Small Overflows

small hash join overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_SMALL_OVERFLOWES or HJSOF (historical name), Hash Join Small Overflows (caption), hash_join_small_overflows (attribute name), and HJSOF (column name).

Int Auto Rebinds

of internal auto rebinds The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_AUTO_REBINDS or IARB (historical name), Int Auto Rebinds (caption), int_auto_rebinds (attribute name), and IARB (column name).

Int Deadlock Rollbacks

of Rollbacks due to deadlock The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS or IDRKB (historical name), Int Deadlock Rollbacks (caption), int_deadlock_rollbacks (attribute name), and IDRKB (column name).

Int Rollbacks

of int. Rollbacks since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROLLBACKS or IRBK (historical name), Int Rollbacks (caption), int_rollbacks (attribute name), and IRBK (column name).

Int Rows Deleted

of internal rows deleted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_DELETED or IRDEL (historical name), Int Rows Deleted (caption), int_rows_deleted (attribute name), and IRDEL (column name).

Int Rows Inserted

of internal rows inserted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_INSERTED or IRINS (historical name), Int Rows Inserted (caption), int_rows_inserted (attribute name), and IRINS (column name).

Int Rows Updated

of internal rows updated The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_UPDATED or IRUPD (historical name), Int Rows Updated (caption), int_rows_updated (attribute name), and IRUPD (column name).

Internal Commits

of internal commits The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_COMMITS or ICMT (historical name), Internal Commits (caption), int_commits (attribute name), and ICMT (column name).

Lock Escals

Lock Escalations since appl conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALS or LESC (historical name), Lock Escals (caption), lock_escals (attribute name), and LESC (column name).

Lock Mode

Mode of Lock waited on The type is string with enumerated values. The following values are defined: Exclusive Lock (Exclusive_Lock), Intent None (For Dirty Read) (Intent_None), Intention Exclusive Lock (Intn_Excl_Lock), Intention Share Lock (Intn_Share_Lock), No Lock (No_Lock), Share Lock (Share_Lock), Share with Intn Excl Lock (Shr_Int_Ex_Lck), Super Exclusive Lock (Super_Excl_Lck), U-Lock (U-Lock), Unknown (Unknown), Next-key Share Lock (Next-key_Share_Lock), Next-key Exclusive Lock (Next-key_Exclusive_Lock), Weak Exclusive Lock (Weak_Exclusive_Lock), Next-key Weak Exclusive Lock (Next-key_Weak_Exclusive_Lock). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_MODE or LKMD (historical name), Lock Mode (caption), lock_mode (attribute name), and LKMD (column name).

Lock Object Type

lock object type row table The type is string with enumerated values. The following values are defined: No Lock (No_Lock), UNKNOWN (UNKNOWN), INTERNAL (INTERNAL), ROW (ROW), TABLE (TABLE), TABLESPACE (TABLESPACE), End of Table (End_of_Table), Key Value (Key_Value), Internal Plan (Internal_Plan), Int Variation (Int_Variation), Int Sequence (Int_Sequence), Bufferpool (Bufferpool), Int Long/Lob (Int_Long/Lob), Int Cat Cache (Int_Cat_Cache), Int Online Bkup (Int_Online_Bkup), Int Obj Table (Int_Obj_Table), Int Table Alter (Int_Table_Alter), Int DMS Seq (Int_DMS_Seq), Inplace reorg (Inplace_reorg), Block lock type (Block_lock_type). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_OBJECT_TYPE or LOTP (historical name), Lock Object Type (caption), lock_object_type (attribute name), and LOTP (column name).

Lock Timeouts

number of lock timeouts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_TIMEOUTS or LTIO (historical name), Lock Timeouts (caption), lock_timeouts (attribute name), and LTIO (column name).

Lock Wait Start Time

Time when lock wait entered The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_START_TIME or LWST (historical name), Lock Wait Start Time (caption), lock_wait_start_time (attribute name), and LWST (column name).

Lock Wait Time

total time appl waited on locks in seconds The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME or LWTI (historical name), Lock Wait Time (caption), lock_wait_time (attribute name), and LWTI (column name).

Open Local Curs

Currently open local cursors The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_LOC_CURS or OLCR (historical name), Open Local Curs (caption), open_loc_curs (attribute name), and OLCR (column name).

Open Local Curs Blk

Currently open local cursors w/blk The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_LOC_CURS_BLK or OLCBK (historical name), Open Local Curs Blk (caption), open_loc_curs_blk (attribute name), and OLCBK (column name).

Open Rem Curs

Currently open remote cursors The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_REM_CURS or ORCR (historical name), Open Rem Curs (caption), open_rem_curs (attribute name), and ORCR (column name).

Open Rem Curs Blk

Currently open remote cursors w/blk The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_REM_CURS_BLK or ORCBK (historical name), Open Rem Curs Blk (caption), open_rem_curs_blk (attribute name), and ORCBK (column name).

Package Name

The package name for the application The type is string.

The following names are defined for this attribute: PACKAGE_NAME or PNM (historical name), Package Name (caption), package_name (attribute name), and PNM (column name).

Pkg Cache Inserts

of sections inserted into cache The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_INSERTS or PCIN (historical name), Pkg Cache Inserts (caption), pkg_cache_inserts (attribute name), and PCIN (column name).

Pkg Cache Lookups

of section lookups The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_LOOKUPS or PCLUP (historical name), Pkg Cache Lookups (caption), pkg_cache_lookups (attribute name), and PCLUP (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or PDFE (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and PDFE (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or PDLR (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and PDLR (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or PDPR (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and PDPR (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or PDTE (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and PDTE (column name).

Pool Data Writes

pool data writes since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or PDW (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and PDW (column name).

Pool Hit Ratio

The sum of Pool Data Logical Reads and Pool Index Logical Reads attributes is divided by the value of Pool Total Reads attribute to derive the ratio. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO or PHR (historical name), Pool Hit Ratio (caption), pool_hit_ratio (attribute name), and PHR (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or PIFE (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and PIFE (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or PILR (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and PILR (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or PIPR (historical name), Pool Index P Reads (caption), pool_index_p_reads (attribute name), and PIPR (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or PITE (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and PITE (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or PIW (historical name), Pool Index Writes (caption), pool_index_writes (attribute name), and PIW (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or PRTI (historical name), Pool Read Time (caption), pool_read_time (attribute name), and PRTI (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or PWI (historical name), Pool Write Time (caption), pool_write_time (attribute name), and PWI (column name).

Query Card Estimate

sql compiler estim. number of rows The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_CARD_ESTIMATE or QCDE (historical name), Query Card Estimate (caption), query_card_estimate (attribute name), and QCDE (column name).

Query Cost Estimate

sql compiler estim. in TIMERONS The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_COST_ESTIMATE or QCTE (historical name), Query Cost Estimate (caption), query_cost_estimate (attribute name), and QCTE (column name).

Rej Curs Blk

Rej block remote cursor requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REJ_CURS_BLK or RCBK (historical name), Rej Curs Blk (caption), rej_curs_blk (attribute name), and RCBK (column name).

Rollback SQL Stmts

of Rollback SQL stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLBACK_SQL_STMTS or RBSTM (historical name), Rollback SQL Stmts (caption), rollback_sql_stmts (attribute name), and RBSTM (column name).

Rows Deleted

of Rows Deleted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_DELETED or RDEL (historical name), Rows Deleted (caption), rows_deleted (attribute name), and RDEL (column name).

Rows Inserted

of Rows Inserted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_INSERTED or RINS (historical name), Rows Inserted (caption), rows_inserted (attribute name), and RINS (column name).

Rows Read

of Rows read since connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_READ or RWR (historical name), Rows Read (caption), rows_read (attribute name), and RWR (column name).

Rows Selected

of Rows Selected The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_SELECTED or RSEL (historical name), Rows Selected (caption), rows_selected (attribute name), and RSEL (column name).

Rows Updated

of Rows Updated The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_UPDATED or RUPD (historical name), Rows Updated (caption), rows_updated (attribute name), and RUPD (column name).

Rows Written

of Rows written since connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_WRITTEN or RWW (historical name), Rows Written (caption), rows_written (attribute name), and RWW (column name).

Select SQL Stmts

of SQL select stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SELECT_SQL_STMTS or SSQL (historical name), Select SQL Stmts (caption), select_sql_stmts (attribute name), and SSQL (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), Snapshot Timestamp (caption), snapshot_time (attribute name), and SSTIME (column name).

Sort Overflows

number of sort overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS or SOFL (historical name), Sort Overflows (caption), sort_overflows (attribute name), and SOFL (column name).

Sort Overflows Percent

number of sort overflows The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS_PCT or SOFP (historical name), Sort Overflows Percent (caption), sort_overflows_pct (attribute name), and SOFP (column name).

Static SQL Stmts

of Static SQL stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATIC_SQL_STMTS or STSQL (historical name), Static SQL Stmts (caption), static_sql_stmts (attribute name), and STSQL (column name).

Stmt Operation

SQL statement operation The type is string with enumerated values. The following values are defined: EXECUTE IMMEDIATE (EXECUTE_IMMEDIATE), STATIC COMMIT (STATIC_COMMIT), STATIC ROLLBACK (STATIC_ROLLBACK), 0 (0), CLOSE (CLOSE), DESCRIBE (DESCRIBE), EXECUTE (EXECUTE), FETCH (FETCH), OPEN (OPEN), PREPARE (PREPARE), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_OPERATION or STMOP (historical name), Stmt Operation (caption), stmt_operation (attribute name), and STMOP (column name).

Stmt Text

sql statement text The type is string.

The following names are defined for this attribute: STMT_TEXT or STMT (historical name), Stmt Text (caption), stmt_text (attribute name), and STMT (column name).

Stmt Type

SQL statement type The type is string with enumerated values. The following values are defined: NON-STATEMENT OPERATION (NON-STATEMENT_OPERATION), UNKNOWN STMT TYPE (UNKNOWN_STMT_TYPE), DYNAMIC (DYNAMIC), STATIC (STATIC). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_TYPE or SQLTP (historical name), Stmt Type (caption), stmt_type (attribute name), and SQLTP (column name).

Table Name

Table name The type is string.

The following names are defined for this attribute: TABLE_NAME or TBNM (historical name), Table Name (caption), table_name (attribute name), and TBNM (column name).

Table Schema

Schema name The type is string.

The following names are defined for this attribute: TABLE_SCHEMA or SCHM (historical name), Table Schema (caption), table_schema (attribute name), and SCHM (column name).

Tablespace Name

Tablespace name The type is string.

The following names are defined for this attribute: TABLESPACE_NAME or TSPNM (historical name), Tablespace Name (caption), tablespace_name (attribute name), and TSPNM (column name).

Total Hash Joins

number of hash joins The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_JOINS or THJN (historical name), Total Hash Joins (caption), total_hash_joins (attribute name), and THJN (column name).

Total Hash Loops

number of hash loops The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_LOOPS or THLP (historical name), Total Hash Loops (caption), total_hash_loops (attribute name), and THLP (column name).

Total Sort Time

elapsed time spent in sorts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORT_TIME or TLSTI (historical name), Total Sort Time (caption), total_sort_time (attribute name), and TLSTI (column name).

Total Sorts

Total Sorts since connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORTS or TLST (historical name), Total Sorts (caption), total_sorts (attribute name), and TLST (column name).

Total SQL Stmt

Total number of SQL statement in this application The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SQL_STMT or TSQL (historical name), Total SQL Stmt (caption), total_sql_stmt (attribute name), and TSQL (column name).

UID SQL Stmts

of update/insert/delete stmts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_STMTS or UIDQ (historical name), UID SQL Stmts (caption), uid_sql_stmts (attribute name), and UIDQ (column name).

UOW Lock Wait Time

time UOW waited on locks in seconds The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_LOCK_WAIT_TIME or ULWI (historical name), UOW Lock Wait Time (caption), uow_lock_wait_time (attribute name), and ULWI (column name).

X Lock Escals

X lock escals since appl connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: X_LOCK_ESCALS or XLES (historical name), X Lock Escals (caption), x_lock_escals (attribute name), and XLES (column name).

DB2 Application00 (Superseded) data set

Replaced by KUD2649900 table in V6.1.

This data set contains the following attributes:

Acc Curs Blk

Acc block remote cursor requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACC_CURS_BLK or UA106 (historical name), Acc Curs Blk (caption), acc_curs_blk (attribute name), and UA106 (column name).

Agent ID

Application handle The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID or UA1 (historical name), Agent ID (caption), agent_id (attribute name), and UA1 (column name).

Agent ID Holding Lock

Application holding the lock The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID_HOLDING_LK or UA22 (historical name), Agent ID Holding Lock (caption), agent_id_holding_lk (attribute name), and UA22 (column name).

Agent Sys CPU Time

total application system cpu time The type is string.

The following names are defined for this attribute: AGENT_SYS_CPU_TIME or UA49 (historical name), Agent Sys CPU Time (caption), agent_sys_cpu_time (attribute name), and UA49 (column name).

Agent User CPU Time

total user CPU time of application The type is string.

The following names are defined for this attribute: AGENT_USR_CPU_TIME or UA48 (historical name), Agent User CPU Time (caption), agent_usr_cpu_time (attribute name), and UA48 (column name).

Appl Conn Time

Connect start date/time The type is string.

The following names are defined for this attribute: APPL_CON_TIME or UA50 (historical name), Appl Conn Time (caption), appl_con_time (attribute name), and UA50 (column name).

Appl ID

Application Id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_ID or UA2 (historical name), Appl ID (caption), appl_id (attribute name), and UA2 (column name).

Appl ID Holding Lock

Appl. holding the lock The type is string.

The following names are defined for this attribute: APPL_ID_HOLDING_LK or UA23 (historical name), Appl ID Holding Lock (caption), appl_id_holding_lk (attribute name), and UA23 (column name).

Appl Idle Time

Application idle time (seconds) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_IDLE_TIME or UA47 (historical name), Appl Idle Time (caption), appl_idle_time (attribute name), and UA47 (column name).

Appl Name

Application name The type is string.

The following names are defined for this attribute: APPL_NAME or UA5 (historical name), Appl Name (caption), appl_name (attribute name), and UA5 (column name).

Appl Status

Application Status The type is string with enumerated values. The following values are defined: Connected (Connected), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_STATUS or UA3 (historical name), Appl Status (caption), appl_status (attribute name), and UA3 (column name).

Auth ID

Authorization ID The type is string.

The following names are defined for this attribute: AUTH_ID or UA6 (historical name), Auth ID (caption), auth_id (attribute name), and UA6 (column name).

Avg Lock Waittime

average lock wait time in seconds The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCK_WAITTIME or UA21 (historical name), Avg Lock Waittime (caption), avg_lock_waittime (attribute name), and UA21 (column name).

Avg Pool Read Time

average pool read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or UA44 (historical name), Avg Pool Read Time (caption), avg_pool_read_time (attribute name), and UA44 (column name).

Avg Pool Write Time

average pool write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or UA46 (historical name), Avg Pool Write Time (caption), avg_pool_write_time (attribute name), and UA46 (column name).

Avg Sort Time

average sort time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SORT_TIME or UA73 (historical name), Avg Sort Time (caption), avg_sort_time (attribute name), and UA73 (column name).

Binds Precompiles

of Binds/Precomps since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BINDS_PRECOMPILES or UA81 (historical name), Binds Precompiles (caption), binds_precompiles (attribute name), and UA81 (column name).

Cat Cache Heap Full

of overflows due to db heap full The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HEAP_FULL or UA115 (historical name), Cat Cache Heap Full (caption), cat_cache_heap_full (attribute name), and UA115 (column name).

Cat Cache Hit Ratio

catalog cache hit ratio (catalog found in cache / cat_cache_lookups) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HIT_RATIO or UA116 (historical name), Cat Cache Hit Ratio (caption), cat_cache_hit_ratio (attribute name), and UA116 (column name).

Cat Cache Inserts

of table descriptors inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_INSERTS or UA113 (historical name), Cat Cache Inserts (caption), cat_cache_inserts (attribute name), and UA113 (column name).

Cat Cache Lookups

of table descriptor lookups The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_LOOKUPS or UA112 (historical name), Cat Cache Lookups (caption), cat_cache_lookups (attribute name), and UA112 (column name).

Cat Cache Overflows

of catalog cache overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_OVERFLOWS or UA114 (historical name), Cat Cache Overflows (caption), cat_cache_overflows (attribute name), and UA114 (column name).

Client PID

Process thread ID of client appl. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PID or UA107 (historical name), Client PID (caption), client_pid (attribute name), and UA107 (column name).

Client Platform

Platform of client application The type is string with enumerated values. The following values are defined: OS/2 (OS/2), Windows3.x (Windows3.x), AIX (AIX), AS400 DRDA (AS400_DRDA), DOS (DOS), HP (HP), MAC (MAC), MVS DRDA (MVS_DRDA), SCO (SCO), SGI (SGI), SNI (SNI), SUN (SUN), LINUX (LINUX), UNKNOWN DRDA (UNKNOWN_DRDA), Unknown (Unknown), VM DRDA (VM_DRDA), VSE DRDA (VSE_DRDA), Windows95 (Windows95), WindowsNT (WindowsNT). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PLATFORM or UA11 (historical name), Client Platform (caption), client_platform (attribute name), and UA11 (column name).

Client Prdid

Product/version on client The type is string.

The following names are defined for this attribute: CLIENT_PRDID or UA7 (historical name), Client Prdid (caption), client_prdid (attribute name), and UA7 (column name).

Client Protocol

Communications protocol of client The type is string with enumerated values. The following values are defined: IPX/SPX (IPX/SPX), APPC (APPC), APPN (APPN), CPIC (CPIC), Local (Local), Netbios (Netbios), TCPIP (TCPIP), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PROTOCOL or UA12 (historical name), Client Protocol (caption), client_protocol (attribute name), and UA12 (column name).

Commit SQL Stmts

of Commit SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMIT_SQL_STMTS or UA75 (historical name), Commit SQL Stmts (caption), commit_sql_stmts (attribute name), and UA75 (column name).

Conn Complete Time

Connect complete date/time The type is string.

The following names are defined for this attribute: CONN_COMPLETE_TIME or UA51 (historical name), Conn Complete Time (caption), conn_complete_time (attribute name), and UA51 (column name).

Corr Token

DRDA AS correlation token The type is string.

The following names are defined for this attribute: CORR_TOKEN or UA10 (historical name), Corr Token (caption), corr_token (attribute name), and UA10 (column name).

Country Code

Country code of client application The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COUNTRY_CODE or UA108 (historical name), Country Code (caption), country_code (attribute name), and UA108 (column name).

Creator

The creator of the application The type is string.

The following names are defined for this attribute: CREATOR or UA62 (historical name), Creator (caption), creator (attribute name), and UA62 (column name).

Cursor Name

Cursor name The type is string.

The following names are defined for this attribute: CURSOR_NAME or UA61 (historical name), Cursor Name (caption), cursor_name (attribute name), and UA61 (column name).

DB Name

Database name The type is string.

The following names are defined for this attribute: DB_NAME or UA8 (historical name), DB Name (caption), db_name (attribute name), and UA8 (column name).

DDL SQL Stmts

of data definition lang. stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_STMTS or UA79 (historical name), DDL SQL Stmts (caption), ddl_sql_stmts (attribute name), and UA79 (column name).

Deadlocks

Deadlocks since appl. connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS or UA18 (historical name), Deadlocks (caption), deadlocks (attribute name), and UA18 (column name).

Degree Parallelism

SMP intraquery parallelism requested The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEGREE_PARALLELISM or UA123 (historical name), Degree Parallelism (caption), degree_parallelism (attribute name), and UA123 (column name).

Direct Read Reqs

direct read requests since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or UA55 (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and UA55 (column name).

Direct Read Time

direct read time since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or UA57 (historical name), Direct Read Time (caption), direct_read_time (attribute name), and UA57 (column name).

Direct Reads

direct reads since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or UA53 (historical name), Direct Reads (caption), direct_reads (attribute name), and UA53 (column name).

Direct Write Reqs

direct write requests since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or UA56 (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and UA56 (column name).

Direct Write Time

direct write time since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or UA58 (historical name), Direct Write Time (caption), direct_write_time (attribute name), and UA58 (column name).

Direct Writes

direct writes since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or UA54 (historical name), Direct Writes (caption), direct_writes (attribute name), and UA54 (column name).

Dynamic SQL Stmts

of Dynamic SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DYNAMIC_SQL_STMTS or UA76 (historical name), Dynamic SQL Stmts (caption), dynamic_sql_stmts (attribute name), and UA76 (column name).

Execution ID

Login ID The type is string.

The following names are defined for this attribute: EXECUTION_ID or UA9 (historical name), Execution ID (caption), execution_id (attribute name), and UA9 (column name).

Failed SQL Stmts

of Failed SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS or UA65 (historical name), Failed SQL Stmts (caption), failed_sql_stmts (attribute name), and UA65 (column name).

Failed SQL Stmts Pct

failed sql statement percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS_PCT or UA69 (historical name), Failed SQL Stmts Pct (caption), failed_sql_stmts_pct (attribute name), and UA69 (column name).

Hash Join Overflows

number of hash join overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_OVERFLOWS or UA119 (historical name), Hash Join Overflows (caption), hash_join_overflows (attribute name), and UA119 (column name).

Hash Join Small Overflows

small hash join overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_SMALL_OVERFLOW or UA120 (historical name), Hash Join Small Overflows (caption), hash_join_small_overflows (attribute name), and UA120 (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Int Auto Rebinds

of interanl auto rebinds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_AUTO_REBINDS or UA90 (historical name), Int Auto Rebinds (caption), int_auto_rebinds (attribute name), and UA90 (column name).

Int Commits

of internal commits The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_COMMITS or UA93 (historical name), Int Commits (caption), int_commits (attribute name), and UA93 (column name).

Int Deadlock rollbacks

of Rollbacks due to deadlock The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS or UA67 (historical name), Int Deadlock rollbacks (caption), int_deadlock_rollbacks (attribute name), and UA67 (column name).

Int Rollbacks

of int. Rollbacks since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROLLBACKS or UA66 (historical name), Int Rollbacks (caption), int_rollbacks (attribute name), and UA66 (column name).

Int Rows Deleted

of internal rows deleted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_DELETED or UA91 (historical name), Int Rows Deleted (caption), int_rows_deleted (attribute name), and UA91 (column name).

Int Rows Inserted

of internal rows inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_INSERTED or UA94 (historical name), Int Rows Inserted (caption), int_rows_inserted (attribute name), and UA94 (column name).

Int Rows Updated

of internal rows updated The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_UPDATED or UA92 (historical name), Int Rows Updated (caption), int_rows_updated (attribute name), and UA92 (column name).

Lock Escals

Lock Escalations since appl conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALS or UA16 (historical name), Lock Escals (caption), lock_escals (attribute name), and UA16 (column name).

Lock Mode

Mode of Lock waited on The type is string with enumerated values. The following values are defined: U-Lock (U-Lock), Unknown (Unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_MODE or UA24 (historical name), Lock Mode (caption), lock_mode (attribute name), and UA24 (column name).

Lock Object Type

lock object type row table The type is string with enumerated values. The following values are defined: UNKNOWN (UNKNOWN), INTERNAL (INTERNAL), ROW (ROW), TABLE (TABLE), TABLESPACE (TABLESPACE). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_OBJECT_TYPE or UA25 (historical name), Lock Object Type (caption), lock_object_type (attribute name), and UA25 (column name).

Lock Timeouts

number of lock timeouts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_TIMEOUTS or UA20 (historical name), Lock Timeouts (caption), lock_timeouts (attribute name), and UA20 (column name).

Lock Wait Start Time

Time when lock wait entered The type is string.

The following names are defined for this attribute: LOCK_WAIT_START_TIME or UA26 (historical name), Lock Wait Start Time (caption), lock_wait_start_time (attribute name), and UA26 (column name).

Lock Wait Time

total time appl waited on locks in seconds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME or UA15 (historical name), Lock Wait Time (caption), lock_wait_time (attribute name), and UA15 (column name).

Lock Waits

Lock waits since appl. connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS or UA14 (historical name), Lock Waits (caption), lock_waits (attribute name), and UA14 (column name).

Locks Held

locks currently held by appl The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_HELD or UA13 (historical name), Locks Held (caption), locks_held (attribute name), and UA13 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Open Local Curs

Currently open local cursors The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_LOC_CURS or UA101 (historical name), Open Local Curs (caption), open_loc_curs (attribute name), and UA101 (column name).

Open Local Curs Blk

Currently open local cursors w/blk The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_LOC_CURS_BLK or UA102 (historical name), Open Local Curs Blk (caption), open_loc_curs_blk (attribute name), and UA102 (column name).

Open Rem Curs

Currently open remote cursors The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_REM_CURS or UA103 (historical name), Open Rem Curs (caption), open_rem_curs (attribute name), and UA103 (column name).

Open Rem Curs Blk

Currently open remote cursors w/blk The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_REM_CURS_BLK or UA104 (historical name), Open Rem Curs Blk (caption), open_rem_curs_blk (attribute name), and UA104 (column name).

Package Name

The package name for the application The type is string.

The following names are defined for this attribute: PACKAGE_NAME or UA63 (historical name), Package Name (caption), package_name (attribute name), and UA63 (column name).

Pkg Cache Hit Ratio

package cache hit ratio (package found in cache / pkg_cache_lookups) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_HIT_RATIO or UA111 (historical name), Pkg Cache Hit Ratio (caption), pkg_cache_hit_ratio (attribute name), and UA111 (column name).

Pkg Cache Inserts

of sections inserted into cache The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_INSERTS or UA110 (historical name), Pkg Cache Inserts (caption), pkg_cache_inserts (attribute name), and UA110 (column name).

Pkg Cache Lookups

of section lookups The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_LOOKUPS or UA109 (historical name), Pkg Cache Lookups (caption), pkg_cache_lookups (attribute name), and UA109 (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or UA41 (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and UA41 (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or UA30 (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and UA30 (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or UA31 (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and UA31 (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or UA38 (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and UA38 (column name).

Pool Data Writes

pool data writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or UA32 (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and UA32 (column name).

Pool Hit Ratio

pool hit ratio $(1 - ((\text{pool_data_p_reads} + \text{pool_index_p_reads}) / (\text{pool_data_l_reads} + \text{pool_index_l_reads})))$ The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO or UA43 (historical name), Pool Hit Ratio (caption), pool_hit_ratio (attribute name), and UA43 (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or UA40 (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and UA40 (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or UA33 (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and UA33 (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or UA34 (historical name), Pool Index P Reads (caption), pool_index_p_reads (attribute name), and UA34 (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or UA39 (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and UA39 (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or UA35 (historical name), Pool Index Writes (caption), pool_index_writes (attribute name), and UA35 (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or UA36 (historical name), Pool Read Time (caption), pool_read_time (attribute name), and UA36 (column name).

Pool Total Reads

pool total reads (pool_data_p_reads + pool_index_p_reads) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS or UA42 (historical name), Pool Total Reads (caption), pool_total_reads (attribute name), and UA42 (column name).

Pool Total Writes

pool total writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES or UA45 (historical name), Pool Total Writes (caption), pool_total_writes (attribute name), and UA45 (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or UA37 (historical name), Pool Write Time (caption), pool_write_time (attribute name), and UA37 (column name).

Prefetch Wait Time

Time waited for prefetch (ms) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_WAIT_TIME or UA52 (historical name), Prefetch Wait Time (caption), prefetch_wait_time (attribute name), and UA52 (column name).

Prev UOW Stop Time

prev commit or rollback time The type is string.

The following names are defined for this attribute: PREV_UOW_STOP_TIME or UA87 (historical name), Prev UOW Stop Time (caption), prev_uow_stop_time (attribute name), and UA87 (column name).

Query Card Estimate

sql compiler estim. number of rows The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_CARD_ESTIMATE or UA122 (historical name), Query Card Estimate (caption), query_card_estimate (attribute name), and UA122 (column name).

Query Cost Estimate

sql compiler estim. in TIMERONS The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_COST_ESTIMATE or UA121 (historical name), Query Cost Estimate (caption), query_cost_estimate (attribute name), and UA121 (column name).

Rej Curs Blk

Rej block remote cursor requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REJ_CURS_BLK or UA105 (historical name), Rej Curs Blk (caption), rej_curs_blk (attribute name), and UA105 (column name).

Rollback SQL Stmts

of Rollback SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLBACK_SQL_STMTS or UA68 (historical name), Rollback SQL Stmts (caption), rollback_sql_stmts (attribute name), and UA68 (column name).

Rows Deleted

of Rows Deleted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_DELETED or UA95 (historical name), Rows Deleted (caption), rows_deleted (attribute name), and UA95 (column name).

Rows Inserted

of Rows Inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_INSERTED or UA96 (historical name), Rows Inserted (caption), rows_inserted (attribute name), and UA96 (column name).

Rows Read

of Rows read since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_READ or UA99 (historical name), Rows Read (caption), rows_read (attribute name), and UA99 (column name).

Rows Selected

of Rows Selected The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_SELECTED or UA98 (historical name), Rows Selected (caption), rows_selected (attribute name), and UA98 (column name).

Rows Updated

of Rows Updated The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_UPDATED or UA97 (historical name), Rows Updated (caption), rows_updated (attribute name), and UA97 (column name).

Rows Written

of Rows written since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_WRITTEN or UA100 (historical name), Rows Written (caption), rows_written (attribute name), and UA100 (column name).

Section Number

most recent SQL stmt section number The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SECTION_NUMBER or UA82 (historical name), Section Number (caption), section_number (attribute name), and UA82 (column name).

Select SQL Stmts

of SQL select stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SELECT_SQL_STMTS or UA78 (historical name), Select SQL Stmts (caption), select_sql_stmts (attribute name), and UA78 (column name).

Snapshot Time

Date/Time of snapshot The type is string.

The following names are defined for this attribute: SNAPSHOT_TIME or UA4 (historical name), Snapshot Time (caption), snapshot_time (attribute name), and UA4 (column name).

Sort Overflows

number of sort overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS or UA72 (historical name), Sort Overflows (caption), sort_overflows (attribute name), and UA72 (column name).

Sort Overflows Pct

number of sort overflows The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS_PCT or UA74 (historical name), Sort Overflows Pct (caption), sort_overflows_pct (attribute name), and UA74 (column name).

Static SQL Stmts

of Static SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATIC_SQL_STMTS or UA77 (historical name), Static SQL Stmts (caption), static_sql_stmts (attribute name), and UA77 (column name).

Stmt Operation

SQL statement operation The type is string with enumerated values. The following values are defined: 0 (0), CLOSE (CLOSE), DESCRIBE (DESCRIBE), EXECUTE (EXECUTE), FETCH (FETCH), OPEN (OPEN), PREPARE (PREPARE), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_OPERATION or UA60 (historical name), Stmt Operation (caption), stmt_operation (attribute name), and UA60 (column name).

Stmt Start

statement operation start time The type is string.

The following names are defined for this attribute: STMT_START or UA83 (historical name), Stmt Start (caption), stmt_start (attribute name), and UA83 (column name).

Stmt Stop

SQL statement operation stop time The type is string.

The following names are defined for this attribute: STMT_STOP or UA84 (historical name), Stmt Stop (caption), stmt_stop (attribute name), and UA84 (column name).

Stmt Text

sql statement text The type is string.

The following names are defined for this attribute: STMT_TEXT or UA124 (historical name), Stmt Text (caption), stmt_text (attribute name), and UA124 (column name).

Stmt Type

SQL statement type The type is string with enumerated values. The following values are defined: DYNAMIC (DYNAMIC), STATIC (STATIC). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_TYPE or UA59 (historical name), Stmt Type (caption), stmt_type (attribute name), and UA59 (column name).

Table Name

Table name The type is string.

The following names are defined for this attribute: TABLE_NAME or UA27 (historical name), Table Name (caption), table_name (attribute name), and UA27 (column name).

Table Schema

Schema name The type is string.

The following names are defined for this attribute: TABLE_SCHEMA or UA28 (historical name), Table Schema (caption), table_schema (attribute name), and UA28 (column name).

Tablespace Name

Tablespace name The type is string.

The following names are defined for this attribute: TABLESPACE_NAME or UA29 (historical name), Tablespace Name (caption), tablespace_name (attribute name), and UA29 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Hash Joins

number of hash joins The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_JOINS or UA117 (historical name), Total Hash Joins (caption), total_hash_joins (attribute name), and UA117 (column name).

Total Hash Loops

number of hash loops The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_LOOPS or UA118 (historical name), Total Hash Loops (caption), total_hash_loops (attribute name), and UA118 (column name).

Total Sort Time

elapsed time spent in sorts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORT_TIME or UA71 (historical name), Total Sort Time (caption), total_sort_time (attribute name), and UA71 (column name).

Total Sorts

Total Sorts since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORTS or UA70 (historical name), Total Sorts (caption), total_sorts (attribute name), and UA70 (column name).

Total SQL Stmt

Total number of SQL statement in this application The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SQL_STMT or UA64 (historical name), Total SQL Stmt (caption), total_sql_stmt (attribute name), and UA64 (column name).

UID SQL Stmts

of update/insert/delete stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_STMTS or UA80 (historical name), UID SQL Stmts (caption), uid_sql_stmts (attribute name), and UA80 (column name).

UOW Comp Status

previous uow completion status The type is string with enumerated values. The following values are defined: 0 (0), Unknown (Unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_COMP_STATUS or UA86 (historical name), UOW Comp Status (caption), uow_comp_status (attribute name), and UA86 (column name).

UOW Lock Wait Time

time UOW waited on locks in seconds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_LOCK_WAIT_TIME or UA19 (historical name), UOW Lock Wait Time (caption), uow_lock_wait_time (attribute name), and UA19 (column name).

UOW Log Space Used

Log space used in most recent UOW The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_LOG_SPACE_USED or UA85 (historical name), UOW Log Space Used (caption), uow_log_space_used (attribute name), and UA85 (column name).

UOW Start Time

time trans exec started The type is string.

The following names are defined for this attribute: UOW_START_TIME or UA88 (historical name), UOW Start Time (caption), uow_start_time (attribute name), and UA88 (column name).

UOW Stop Time

unit-of-work stop time The type is string.

The following names are defined for this attribute: UOW_STOP_TIME or UA89 (historical name), UOW Stop Time (caption), uow_stop_time (attribute name), and UA89 (column name).

X Lock Escals

X lock escals since appl connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: X_LOCK_ESCALs or UA17 (historical name), X Lock Escals (caption), x_lock_escals (attribute name), and UA17 (column name).

DB2 Application00U (Superseded) data set

Replaced by KUDAPPL00 table.

This data set contains the following attributes:

Acc Curs Blk

Acc block remote cursor requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACC_CURS_BLK or UA106 (historical name), Acc Curs Blk (caption), acc_curs_blk (attribute name), and UA106 (column name).

Agent ID

Application handle The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID or UA1 (historical name), Agent ID (caption), agent_id (attribute name), and UA1 (column name).

Agent ID Holding Lock

Application holding the lock The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID_HOLDING_LK or UA22 (historical name), Agent ID Holding Lock (caption), agent_id_holding_lk (attribute name), and UA22 (column name).

Agent Sys CPU Time

total application system cpu time The type is string.

The following names are defined for this attribute: AGENT_SYS_CPU_TIME or UA49 (historical name), Agent Sys CPU Time (caption), agent_sys_cpu_time (attribute name), and UA49 (column name).

Agent User CPU Time

total user CPU time of application The type is string.

The following names are defined for this attribute: AGENT_USR_CPU_TIME or UA48 (historical name), Agent User CPU Time (caption), agent_usr_cpu_time (attribute name), and UA48 (column name).

Appl Conn Time

Connect start date/time The type is string.

The following names are defined for this attribute: APPL_CON_TIME or UA50 (historical name), Appl Conn Time (caption), appl_con_time (attribute name), and UA50 (column name).

Appl ID

Application Id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_ID or UA2 (historical name), Appl ID (caption), appl_id (attribute name), and UA2 (column name).

Appl ID Holding Lock (Unicode)

Appl. holding the lock The type is string.

The following names are defined for this attribute: APPL_ID_HOLDING_LK_U or UUA23 (historical name), Appl ID Holding Lock (Unicode) (caption), appl_id_holding_lk_u (attribute name), and UUA23 (column name).

Appl Idle Time

Application idle time (seconds) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_IDLE_TIME or UA47 (historical name), Appl Idle Time (caption), appl_idle_time (attribute name), and UA47 (column name).

Appl Name (Unicode)

Application name The type is string.

The following names are defined for this attribute: APPL_NAME_U or UUA5 (historical name), Appl Name (Unicode) (caption), appl_name_u (attribute name), and UUA5 (column name).

Appl Status

Application Status The type is string with enumerated values. The following values are defined: Backing Up Database (Backing_Up_Database), Commit Active (Commit_Active), Compiling SQL Stmt (Compiling_SQL_Stmt), Connect Pending (Connect_Pending), Connected (Connected), Creating Database (Creating_Database), Decoupled (Decoupled), Disconnect Pending (Disconnect_Pending), I/O Error Waiting (I/O_Error_Waiting), Loading Database (Loading_Database), Lock Waiting (Lock_Waiting), Prepared Transaction (Prepared_Transaction), Quiescing a Tablespace (Quiescing_a_Tablespace), Recompiling Plan (Recompiling_Plan), Request Interrupted (Request_Interrupted), Restarting Database (Restarting_Database), Restoring Database (Restoring_Database), Rollback Active (Rollback_Active), Trans. heuristically aborted (Trans._heuristically_aborted), Trans. heuristically committed (Trans._heuristically_committed), Transaction ended (Transaction_ended), UOW Executing (UOW_Executing), UOW Waiting in the

application (UOW_Waiting_in_the_application), Unloading Database (Unloading_Database), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_STATUS or UA3 (historical name), Appl Status (caption), appl_status (attribute name), and UA3 (column name).

Auth ID (Unicode)

Authorization ID The type is string.

The following names are defined for this attribute: AUTH_ID_U or UUA6 (historical name), Auth ID (Unicode) (caption), auth_id_U (attribute name), and UUA6 (column name).

Avg Lock Waittime

average lock wait time in seconds The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCK_WAITTIME or UA21 (historical name), Avg Lock Waittime (caption), avg_lock_waittime (attribute name), and UA21 (column name).

Avg Pool Read Time

average pool read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or UA44 (historical name), Avg Pool Read Time (caption), avg_pool_read_time (attribute name), and UA44 (column name).

Avg Pool Write Time

average pool write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or UA46 (historical name), Avg Pool Write Time (caption), avg_pool_write_time (attribute name), and UA46 (column name).

Avg Sort Time

average sort time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SORT_TIME or UA73 (historical name), Avg Sort Time (caption), avg_sort_time (attribute name), and UA73 (column name).

Binds Precompiles

of Binds/Precomps since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BINDS_PRECOMPILES or UA81 (historical name), Binds Precompiles (caption), binds_precompiles (attribute name), and UA81 (column name).

Cat Cache Heap Full

of overflows due to db heap full The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HEAP_FULL or UA115 (historical name), Cat Cache Heap Full (caption), cat_cache_heap_full (attribute name), and UA115 (column name).

Cat Cache Hit Ratio

catalog cache hit ratio (catalog found in cache / cat_cache_lookups) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HIT_RATIO or UA116 (historical name), Cat Cache Hit Ratio (caption), cat_cache_hit_ratio (attribute name), and UA116 (column name).

Cat Cache Inserts

of table descriptors inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_INSERTS or UA113 (historical name), Cat Cache Inserts (caption), cat_cache_inserts (attribute name), and UA113 (column name).

Cat Cache Lookups

of table descriptor lookups The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_LOOKUPS or UA112 (historical name), Cat Cache Lookups (caption), cat_cache_lookups (attribute name), and UA112 (column name).

Cat Cache Overflows

of catalog cache overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_OVERFLOWS or UA114 (historical name), Cat Cache Overflows (caption), cat_cache_overflows (attribute name), and UA114 (column name).

Client PID

Process thread ID of client appl. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PID or UA107 (historical name), Client PID (caption), client_pid (attribute name), and UA107 (column name).

Client Platform

Platform of client application The type is string with enumerated values. The following values are defined: OS/2 (OS/2), Windows3.x (Windows3.x), AIX (AIX), AS400 DRDA (AS400_DRDA), DOS (DOS), HP (HP), MAC (MAC), MVS DRDA (MVS_DRDA), SCO (SCO), SGI (SGI), SNI (SNI), SUN (SUN), LINUX (LINUX), UNKNOWN DRDA (UNKNOWN_DRDA), Unknown (Unknown), VM DRDA (VM_DRDA), VSE DRDA (VSE_DRDA), Windows95 (Windows95), WindowsNT (WindowsNT). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PLATFORM or UA11 (historical name), Client Platform (caption), client_platform (attribute name), and UA11 (column name).

Client Prdid

Product/version on client The type is string.

The following names are defined for this attribute: CLIENT_PRDID or UA7 (historical name), Client Prdid (caption), client_prdid (attribute name), and UA7 (column name).

Client Protocol

Communications protocol of client The type is string with enumerated values. The following values are defined: IPX/SPX (IPX/SPX), Named Pipe (Named_Pipe), APPC (APPC), APPN (APPN), CPIC (CPIC), Local (Local), Netbios (Netbios), TCPIP (TCPIP), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_PROTOCOL or UA12 (historical name), Client Protocol (caption), client_protocol (attribute name), and UA12 (column name).

Commit SQL Stmts

of Commit SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMIT_SQL_STMTS or UA75 (historical name), Commit SQL Stmts (caption), commit_sql_stmts (attribute name), and UA75 (column name).

Conn Complete Time

Connect complete date/time The type is string.

The following names are defined for this attribute: CONN_COMPLETE_TIME or UA51 (historical name), Conn Complete Time (caption), conn_complete_time (attribute name), and UA51 (column name).

Corr Token (Unicode)

DRDA AS correlation token The type is string.

The following names are defined for this attribute: CORR_TOKEN_U or UUA10 (historical name), Corr Token (Unicode) (caption), corr_token_U (attribute name), and UUA10 (column name).

Country Code

Country code of client application The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COUNTRY_CODE or UA108 (historical name), Country Code (caption), country_code (attribute name), and UA108 (column name).

Creator (Unicode)

The creator of the application The type is string.

The following names are defined for this attribute: CREATOR_U or UUA62 (historical name), Creator (Unicode) (caption), creator_U (attribute name), and UUA62 (column name).

Cursor Name (Unicode)

Cursor name The type is string.

The following names are defined for this attribute: CURSOR_NAME_U or UUA61 (historical name), Cursor Name (Unicode) (caption), cursor_name_U (attribute name), and UUA61 (column name).

DB Name (Unicode)

Database name The type is string.

The following names are defined for this attribute: DB_NAME_U or UUA8 (historical name), DB Name (Unicode) (caption), db_name_U (attribute name), and UUA8 (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or UA125 (historical name), DB Partition (caption), db_partition (attribute name), and UA125 (column name).

DDL SQL Stmts

of data definition lang. stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_STMTS or UA79 (historical name), DDL SQL Stmts (caption), ddl_sql_stmts (attribute name), and UA79 (column name).

Deadlocks

Deadlocks since appl. connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS or UA18 (historical name), Deadlocks (caption), deadlocks (attribute name), and UA18 (column name).

Degree Parallelism

SMP intraquery parallelism requested The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEGREE_PARALLELISM or UA123 (historical name), Degree Parallelism (caption), degree_parallelism (attribute name), and UA123 (column name).

Direct Read Reqs

direct read requests since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or UA55 (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and UA55 (column name).

Direct Read Time

direct read time since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or UA57 (historical name), Direct Read Time (caption), direct_read_time (attribute name), and UA57 (column name).

Direct Reads

direct reads since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or UA53 (historical name), Direct Reads (caption), direct_reads (attribute name), and UA53 (column name).

Direct Write Reqs

direct write requests since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or UA56 (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and UA56 (column name).

Direct Write Time

direct write time since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or UA58 (historical name), Direct Write Time (caption), direct_write_time (attribute name), and UA58 (column name).

Direct Writes

direct writes since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or UA54 (historical name), Direct Writes (caption), direct_writes (attribute name), and UA54 (column name).

Dynamic SQL Stmts

of Dynamic SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DYNAMIC_SQL_STMTS or UA76 (historical name), Dynamic SQL Stmts (caption), dynamic_sql_stmts (attribute name), and UA76 (column name).

Execution ID (Unicode)

Login ID The type is string.

The following names are defined for this attribute: EXECUTION_ID_U or UUA9 (historical name), Execution ID (Unicode) (caption), execution_id_U (attribute name), and UUA9 (column name).

Failed SQL Stmts

of Failed SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS or UA65 (historical name), Failed SQL Stmts (caption), failed_sql_stmts (attribute name), and UA65 (column name).

Failed SQL Stmts Pct

failed sql statement percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS_PCT or UA69 (historical name), Failed SQL Stmts Pct (caption), failed_sql_stmts_pct (attribute name), and UA69 (column name).

Hash Join Overflows

number of hash join overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_OVERFLOWS or UA119 (historical name), Hash Join Overflows (caption), hash_join_overflows (attribute name), and UA119 (column name).

Hash Join Small Overflows

small hash join overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_SMALL_OVERFLOWS or UA120 (historical name), Hash Join Small Overflows (caption), hash_join_small_overflows (attribute name), and UA120 (column name).

Int Auto Rebinds

of interanl auto rebinds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_AUTO_REBINDS or UA90 (historical name), Int Auto Rebinds (caption), int_auto_rebinds (attribute name), and UA90 (column name).

Int Commits

of internal commits The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_COMMITS or UA93 (historical name), Int Commits (caption), int_commits (attribute name), and UA93 (column name).

Int Deadlock Rollbacks

of Rollbacks due to deadlock The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS or UA67 (historical name), Int Deadlock Rollbacks (caption), int_deadlock_rollbacks (attribute name), and UA67 (column name).

Int Rollbacks

of int. Rollbacks since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROLLBACKS or UA66 (historical name), Int Rollbacks (caption), int_rollbacks (attribute name), and UA66 (column name).

Int Rows Deleted

of internal rows deleted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_DELETED or UA91 (historical name), Int Rows Deleted (caption), int_rows_deleted (attribute name), and UA91 (column name).

Int Rows Inserted

of internal rows inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_INSERTED or UA94 (historical name), Int Rows Inserted (caption), int_rows_inserted (attribute name), and UA94 (column name).

Int Rows Updated

of internal rows updated The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_UPDATED or UA92 (historical name), Int Rows Updated (caption), int_rows_updated (attribute name), and UA92 (column name).

Lock Escals

Lock Escalations since appl conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALS or UA16 (historical name), Lock Escals (caption), lock_escals (attribute name), and UA16 (column name).

Lock Mode

Mode of Lock waited on The type is string with enumerated values. The following values are defined: Exclusive Lock (Exclusive_Lock), Intent None (For Dirty Read) (Intent_None), Intention Exclusive Lock (Intn_Excl_Lock), Intention Share Lock (Intn_Share_Lock), No Lock (No_Lock), Share Lock (Share_Lock), Share with Intn Excl Lock (Shr_Int_Ex_Lck), Super Exclusive Lock (Super_Excl_Lck), U-Lock (U-Lock), Unknown (Unknown), Next-key Share Lock (Next-key_Share_Lock), Next-key Exclusive Lock (Next-key_Exclusive_Lock), Weak Exclusive Lock (Weak_Exclusive_Lock), Next-key Weak Exclusive Lock (Next-key_Weak_Exclusive_Lock). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_MODE or UA24 (historical name), Lock Mode (caption), lock_mode (attribute name), and UA24 (column name).

Lock Object Type

lock object type row table The type is string with enumerated values. The following values are defined: No Lock (No_Lock), UNKNOWN (UNKNOWN), INTERNAL (INTERNAL), ROW (ROW), TABLE

(TABLE), TABLESPACE (TABLESPACE), End of Table (End_of_Table), Key Value (Key_Value), Internal Plan (Internal_Plan), Int Variation (Int_Variation), Int Sequence (Int_Sequence), Bufferpool (Bufferpool), Int Long/Lob (Int_Long/Lob), Int Cat Cache (Int_Cat_Cache), Int Online Bkup (Int_Online_Bkup), Int Obj Table (Int_Obj_Table), Int Table Alter (Int_Table_Alter), Int DMS Seq (Int_DMS_Seq), Inplace reorg (Inplace_reorg), Block lock type (Block_lock_type). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_OBJECT_TYPE or UA25 (historical name), Lock Object Type (caption), lock_object_type (attribute name), and UA25 (column name).

Lock Timeouts

number of lock timeouts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_TIMEOUTS or UA20 (historical name), Lock Timeouts (caption), lock_timeouts (attribute name), and UA20 (column name).

Lock Wait Start Time

Time when lock wait entered The type is string.

The following names are defined for this attribute: LOCK_WAIT_START_TIME or UA26 (historical name), Lock Wait Start Time (caption), lock_wait_start_time (attribute name), and UA26 (column name).

Lock Wait Time

total time appl waited on locks in seconds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME or UA15 (historical name), Lock Wait Time (caption), lock_wait_time (attribute name), and UA15 (column name).

Lock Waits

Lock waits since appl. connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS or UA14 (historical name), Lock Waits (caption), lock_waits (attribute name), and UA14 (column name).

Locks Held

locks currently held by appl The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_HELD or UA13 (historical name), Locks Held (caption), locks_held (attribute name), and UA13 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Open Local Curs

Currently open local cursors The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_LOC_CURS or UA101 (historical name), Open Local Curs (caption), open_loc_curs (attribute name), and UA101 (column name).

Open Local Curs Blk

Currently open local cursors w/blk The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_LOC_CURS_BLK or UA102 (historical name), Open Local Curs Blk (caption), open_loc_curs_blk (attribute name), and UA102 (column name).

Open Rem Curs

Currently open remote cursors The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_REM_CURS or UA103 (historical name), Open Rem Curs (caption), open_rem_curs (attribute name), and UA103 (column name).

Open Rem Curs Blk

Currently open remote cursors w/blk The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_REM_CURS_BLK or UA104 (historical name), Open Rem Curs Blk (caption), open_rem_curs_blk (attribute name), and UA104 (column name).

Package Name (Unicode)

The package name for the application The type is string.

The following names are defined for this attribute: PACKAGE_NAME_U or UUA63 (historical name), Package Name (Unicode) (caption), package_name_u (attribute name), and UUA63 (column name).

Pkg Cache Hit Ratio

package cache hit ratio (package found in cache / pkg_cache_lookups) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_HIT_RATIO or UA111 (historical name), Pkg Cache Hit Ratio (caption), pkg_cache_hit_ratio (attribute name), and UA111 (column name).

Pkg Cache Inserts

of sections inserted into cache The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_INSERTS or UA110 (historical name), Pkg Cache Inserts (caption), pkg_cache_inserts (attribute name), and UA110 (column name).

Pkg Cache Lookups

of section lookups The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_LOOKUPS or UA109 (historical name), Pkg Cache Lookups (caption), pkg_cache_lookups (attribute name), and UA109 (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or UA41 (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and UA41 (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or UA30 (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and UA30 (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or UA31 (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and UA31 (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or UA38 (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and UA38 (column name).

Pool Data Writes

pool data writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or UA32 (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and UA32 (column name).

Pool Hit Ratio

pool hit ratio ($\text{pool_data_l_reads} + \text{pool_index_l_reads} / \text{pool_total_reads}$) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO or UA43 (historical name), Pool Hit Ratio (caption), pool_hit_ratio (attribute name), and UA43 (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or UA40 (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and UA40 (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or UA33 (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and UA33 (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or UA34 (historical name), Pool Index P Reads (caption), pool_index_p_reads (attribute name), and UA34 (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or UA39 (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and UA39 (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or UA35 (historical name), Pool Index Writes (caption), pool_index_writes (attribute name), and UA35 (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or UA36 (historical name), Pool Read Time (caption), pool_read_time (attribute name), and UA36 (column name).

Pool Total Reads

pool total reads (pool_data_p_reads + pool_index_p_reads) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS or UA42 (historical name), Pool Total Reads (caption), pool_total_reads (attribute name), and UA42 (column name).

Pool Total Writes

pool total writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES or UA45 (historical name), Pool Total Writes (caption), pool_total_writes (attribute name), and UA45 (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or UA37 (historical name), Pool Write Time (caption), pool_write_time (attribute name), and UA37 (column name).

Prefetch Wait Time

Time waited for prefetch (ms) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_WAIT_TIME or UA52 (historical name), Prefetch Wait Time (caption), prefetch_wait_time (attribute name), and UA52 (column name).

Prev UOW Stop Time

prev commit or rollback time The type is string.

The following names are defined for this attribute: PREV_UOW_STOP_TIME or UA87 (historical name), Prev UOW Stop Time (caption), prev_uow_stop_time (attribute name), and UA87 (column name).

Query Card Estimate

sql compiler estim. number of rows The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_CARD_ESTIMATE or UA122 (historical name), Query Card Estimate (caption), query_card_estimate (attribute name), and UA122 (column name).

Query Cost Estimate

sql compiler estim. in TIMERONS The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_COST_ESTIMATE or UA121 (historical name), Query Cost Estimate (caption), query_cost_estimate (attribute name), and UA121 (column name).

Rej Curs Blk

Rej block remote cursor requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REJ_CURS_BLK or UA105 (historical name), Rej Curs Blk (caption), rej_curs_blk (attribute name), and UA105 (column name).

Rollback SQL Stmts

of Rollback SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLBACK_SQL_STMTS or UA68 (historical name), Rollback SQL Stmts (caption), rollback_sql_stmts (attribute name), and UA68 (column name).

Rows Deleted

of Rows Deleted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_DELETED or UA95 (historical name), Rows Deleted (caption), rows_deleted (attribute name), and UA95 (column name).

Rows Inserted

of Rows Inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_INSERTED or UA96 (historical name), Rows Inserted (caption), rows_inserted (attribute name), and UA96 (column name).

Rows Read

of Rows read since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_READ or UA99 (historical name), Rows Read (caption), rows_read (attribute name), and UA99 (column name).

Rows Selected

of Rows Selected The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_SELECTED or UA98 (historical name), Rows Selected (caption), rows_selected (attribute name), and UA98 (column name).

Rows Updated

of Rows Updated The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_UPDATED or UA97 (historical name), Rows Updated (caption), rows_updated (attribute name), and UA97 (column name).

Rows Written

of Rows written since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_WRITTEN or UA100 (historical name), Rows Written (caption), rows_written (attribute name), and UA100 (column name).

Section Number

most recent SQL stmt section number The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SECTION_NUMBER or UA82 (historical name), Section Number (caption), section_number (attribute name), and UA82 (column name).

Select SQL Stmts

of SQL select stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SELECT_SQL_STMTS or UA78 (historical name), Select SQL Stmts (caption), select_sql_stmts (attribute name), and UA78 (column name).

Snapshot Time

Date/Time of snapshot The type is string.

The following names are defined for this attribute: SNAPSHOT_TIME or UA4 (historical name), Snapshot Time (caption), snapshot_time (attribute name), and UA4 (column name).

Sort Overflows

number of sort overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS or UA72 (historical name), Sort Overflows (caption), sort_overflows (attribute name), and UA72 (column name).

Sort Overflows Pct

number of sort overflows The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS_PCT or UA74 (historical name), Sort Overflows Pct (caption), sort_overflows_pct (attribute name), and UA74 (column name).

Static SQL Stmts

of Static SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATIC_SQL_STMTS or UA77 (historical name), Static SQL Stmts (caption), static_sql_stmts (attribute name), and UA77 (column name).

Stmt Operation

SQL statement operation The type is string with enumerated values. The following values are defined: EXECUTE IMMEDIATE (EXECUTE_IMMEDIATE), STATIC COMMIT (STATIC_COMMIT), STATIC ROLLBACK (STATIC_ROLLBACK), 0 (0), CLOSE (CLOSE), DESCRIBE (DESCRIBE), EXECUTE

(EXECUTE), FETCH (FETCH), OPEN (OPEN), PREPARE (PREPARE), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_OPERATION or UA60 (historical name), Stmt Operation (caption), stmt_operation (attribute name), and UA60 (column name).

Stmt Start

statement operation start time The type is string.

The following names are defined for this attribute: STMT_START or UA83 (historical name), Stmt Start (caption), stmt_start (attribute name), and UA83 (column name).

Stmt Stop

SQL statement operation stop time The type is string.

The following names are defined for this attribute: STMT_STOP or UA84 (historical name), Stmt Stop (caption), stmt_stop (attribute name), and UA84 (column name).

Stmt Text (Unicode)

sql statement text The type is string.

The following names are defined for this attribute: STMT_TEXT_U or UUA124 (historical name), Stmt Text (Unicode) (caption), stmt_text_u (attribute name), and UUA124 (column name).

Stmt Type

SQL statement type The type is string with enumerated values. The following values are defined: NON-STATEMENT OPERATION (NON-STATEMENT_OPERATION), UNKNOWN STMT TYPE (UNKNOWN_STMT_TYPE), DYNAMIC (DYNAMIC), STATIC (STATIC). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_TYPE or UA59 (historical name), Stmt Type (caption), stmt_type (attribute name), and UA59 (column name).

Table Name (Unicode)

Table name The type is string.

The following names are defined for this attribute: TABLE_NAME_U or UUA27 (historical name), Table Name (Unicode) (caption), table_name_u (attribute name), and UUA27 (column name).

Table Schema (Unicode)

Schema name The type is string.

The following names are defined for this attribute: TABLE_SCHEMA_U or UUA28 (historical name), Table Schema (Unicode) (caption), table_schema_u (attribute name), and UUA28 (column name).

Tablespace Name (Unicode)

Tablespace name The type is string.

The following names are defined for this attribute: TABLESPACE_NAME_U or UUA29 (historical name), Tablespace Name (Unicode) (caption), tablespace_name_u (attribute name), and UUA29 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Hash Joins

number of hash joins The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_JOINS or UA117 (historical name), Total Hash Joins (caption), total_hash_joins (attribute name), and UA117 (column name).

Total Hash Loops

number of hash loops The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_LOOPS or UA118 (historical name), Total Hash Loops (caption), total_hash_loops (attribute name), and UA118 (column name).

Total Sort Time

elapsed time spent in sorts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORT_TIME or UA71 (historical name), Total Sort Time (caption), total_sort_time (attribute name), and UA71 (column name).

Total Sorts

Total Sorts since connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORTS or UA70 (historical name), Total Sorts (caption), total_sorts (attribute name), and UA70 (column name).

Total SQL Stmt

Total number of SQL statement in this application The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SQL_STMT or UA64 (historical name), Total SQL Stmt (caption), total_sql_stmt (attribute name), and UA64 (column name).

UID SQL Stmts

of update/insert/delete stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_STMTS or UA80 (historical name), UID SQL Stmts (caption), uid_sql_stmts (attribute name), and UA80 (column name).

UOW Comp Status

previous uow completion status The type is string with enumerated values. The following values are defined: Appl Normal Termination (Appl_Normal_Termination), UOW Commit (UOW_Commit), UOW RB - Lock Timeout (UOW_RB_-_Lock_Timeout), UOW RB due to Abend (UOW_RB_due_to_Abend), UOW RB due to Deadlock (UOW_RB_due_to_Deadlock), UOW Rolled Back (UOW_Rolled_Back), 0 (0), Unknown (Unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_COMP_STATUS or UA86 (historical name), UOW Comp Status (caption), uow_comp_status (attribute name), and UA86 (column name).

UOW Lock Wait Time

time UOW waited on locks in seconds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_LOCK_WAIT_TIME or UA19 (historical name), UOW Lock Wait Time (caption), uow_lock_wait_time (attribute name), and UA19 (column name).

UOW Log Space Used

Log space used in most recent UOW The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_LOG_SPACE_USED or UA85 (historical name), UOW Log Space Used (caption), uow_log_space_used (attribute name), and UA85 (column name).

UOW Start Time

time trans exec started The type is string.

The following names are defined for this attribute: UOW_START_TIME or UA88 (historical name), UOW Start Time (caption), uow_start_time (attribute name), and UA88 (column name).

UOW Stop Time

unit-of-work stop time The type is string.

The following names are defined for this attribute: UOW_STOP_TIME or UA89 (historical name), UOW Stop Time (caption), uow_stop_time (attribute name), and UA89 (column name).

X Lock Escals

X lock escals since appl connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: X_LOCK_ESCALs or UA17 (historical name), X Lock Escals (caption), x_lock_escals (attribute name), and UA17 (column name).

DB2 Application01 data set

[KUD_DB2_Application01]

This data set contains the following attributes:

Agent Sys CPU Time

The total system CPU time in seconds used by the database manager agent process. This element includes CPU time for both SQL and non-SQL statements, as well as CPU time for any unfenced user-defined functions (UDFs). System CPU represents the time spent in system calls. User CPU represents time spent executing database manager code. The type is real number (64-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_SYS_CPU_TIME or ASCTI (historical name), Agent Sys CPU Time (caption), agent_sys_cpu_time (attribute name), and ASCTI (column name).

Agent User CPU Time

The total CPU time in seconds used by the database manager agent process. This counter includes time spent on both SQL and non-SQL statements, as well as any unfenced user-defined functions (UDFs) or stored procedures executed by the application. System CPU represents the time spent in system calls. User CPU represents time spent executing database manager code. The type is real number (64-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_USR_CPU_TIME or AUCTI (historical name), Agent User CPU Time (caption), agent_usr_cpu_time (attribute name), and AUCTI (column name).

Agents Stolen

agents stolen The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_STOLEN or ASTLN (historical name), Agents Stolen (caption), agents_stolen (attribute name), and ASTLN (column name).

Appl ID

Application Id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_ID or APID (historical name), Appl ID (caption), appl_id (attribute name), and APID (column name).

Appl Name

Application name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_NAME or APNM (historical name), Appl Name (caption), appl_name (attribute name), and APNM (column name).

Appl Section Inserts

of application section inserts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_INSERTS or APSECIN (historical name), Appl Section Inserts (caption), appl_section_inserts (attribute name), and APSECIN (column name).

Appl Section Lookups

Number of lookups of SQL sections by an application from its SQL work area. This counter indicates how many times the SQL work area was accessed by agents for an application. It is a cumulative total of all lookups on all SQL work heaps for agents working for this application. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_LOOKUPS or APSUP (historical name), Appl Section Lookups (caption), appl_section_lookups (attribute name), and APSUP (column name).

Appl Work Load

ratio of max number of subagents to number of agent stolen The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APP_WORK_LOAD or APWLD (historical name), Appl Work Load (caption), app_work_load (attribute name), and APWLD (column name).

Associated Agents Top

max number of associated agents The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ASSOCIATED_AGENTS_TOP or ASAGTP (historical name), Associated Agents Top (caption), associated_agents_top (attribute name), and ASAGTP (column name).

Avg Sect Read per Direct Read

average number of sector read per direct read The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_READ_PER_DIRECT_READ or AVSRPDR (historical name), Avg Sect Read per Direct Read (caption), avg_sect_read_per_direct_read (attribute name), and AVSRPDR (column name).

Avg Sect Written per Direct Write

average number of sector written per direct write The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_WRITTEN_PER_DIRECT_WRITE or AVSWPDW (historical name), Avg Sect Written per Direct Write (caption), avg_sect_written_per_direct_write (attribute name), and AVSWPDW (column name).

DB Name

Database name The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), DB Name (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), DB Partition (caption), db_partition (attribute name), and PRTNNO (column name).

DDL SQL Percent for Interval

ddl_sql_stmts percent for the interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_PCT_FOR_INT or DDLPI (historical name), DDL SQL Percent for Interval (caption), ddl_sql_pct_for_int (attribute name), and DDLPI (column name).

Deadlocks for Interval

of deadlocks for the interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS_FOR_INT or DDLINT (historical name), Deadlocks for Interval (caption), deadlocks_for_int (attribute name), and DDLINT (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Lock Escalation for Interval

of lock escalation for the interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALATION_FOR_INT or LESCI (historical name), Lock Escalation for Interval (caption), lock_escalation_for_int (attribute name), and LESCI (column name).

Lock List in Use Percent

The percentage of space used in the locklist by a connected application. The value format is a percentage. When an application reaches the maximum number of locks allowed and there are no more locks to escalate, it uses space in the lock list allocated for other applications. When an application holds too much of the locklist, other applications may experience lock escalations. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The

following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_LIST_IN_USE_PCT or LKLUP (historical name), Lock List in Use Percent (caption), lock_list_in_use_pct (attribute name), and LKLUP (column name).

Lock Wait Time for Interval

The total elapsed time, in seconds, the application waited for a lock to be granted during the monitoring interval. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME_FOR_INT or LKWTII (historical name), Lock Wait Time for Interval (caption), lock_wait_time_for_int (attribute name), and LKWTII (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Open Curs

The number of local and remote cursors currently open for this application, including the number of local and remote blocking cursors currently open for this application. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_CURS or OPNCR (historical name), Open Curs (caption), open_curs (attribute name), and OPNCR (column name).

Open Curs Blk

The number of local and remote blocking cursors currently open for this application. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_CURS_BLK or OCBLK (historical name), Open Curs Blk (caption), open_curs_blk (attribute name), and OCBLK (column name).

Pkg Cache Hit Percent

package cache hit percent The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_HIT_PCT or PCHTP (historical name), Pkg Cache Hit Percent (caption), pkg_cache_hit_pct (attribute name), and PCHTP (column name).

Pool Hit Ratio Pct for Interval

The overall buffer pool hit ratio (as a percentage) for the application during the monitoring interval. The value format is integer. This hit ratio includes both index and data page activity. The overall buffer pool hit ratio indicates the percentage of page requests for which the database manager did not need to load a page from disk to service. That is, the page was already in the buffer pool. The greater the buffer pool hit ratio, the lower the frequency of disk input and output. If the hit ratio is low compared to normal operating levels, increasing the number of buffer pool pages can improve performance. A ratio of zero indicates that pages needed to be read for every request. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_PCT_FOR_INT or PHRPI (historical name), Pool Hit Ratio Pct for Interval (caption), pool_hit_ratio_pct_for_int (attribute name), and PHRPI (column name).

Pool Index Hit Ratio Percent for Interval

The application's buffer pool index page hit ratio (as a percentage) during the monitoring interval. The index page hit ratio for the buffer pool indicates the percentage of index page requests for which the database manager did not need to load an index page from disk to service. That is, the index page was already in the buffer pool. The higher the returned value, the lower the frequency of disk input and output, and the faster the performance. If the hit ratio is low compared to normal operating levels, increasing the number of buffer pool pages can improve performance. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_HIT_RATIO_PCT_FOR_INT or PIHTPI (historical name), Pool Index Hit Ratio Percent for Interval (caption), pool_index_hit_ratio_pct_for_int (attribute name), and PIHTPI (column name).

Prefetch Wait Time

Time waited for prefetch (ms) The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_WAIT_TIME or PRWI (historical name), Prefetch Wait Time (caption), prefetch_wait_time (attribute name), and PRWI (column name).

Prev UOW Stop Timestamp

prev commit or rollback time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREV_UOW_STOP_TIME or PUSTPT (historical name), Prev UOW Stop Timestamp (caption), prev_uow_stop_time (attribute name), and PUSTPT (column name).

Section Number

most recent SQL stmt section number The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SECTION_NUMBER or SECNO (historical name), Section Number (caption), section_number (attribute name), and SECNO (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), Snapshot Timestamp (caption), snapshot_time (attribute name), and SSTIME (column name).

SQL Reqs Since Commit

of SQL requests since last commit The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_REQS_SINCE_COMMIT or SRQSCMT (historical name), SQL Reqs Since Commit (caption), sql_reqs_since_commit (attribute name), and SRQSCMT (column name).

Stmt Start Timestamp

statement operation start time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_START or SQLSTT (historical name), Stmt Start Timestamp (caption), stmt_start (attribute name), and SQLSTT (column name).

Stmt Stop Timestamp

SQL statement operation stop time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_STOP or SQLSTP (historical name), Stmt Stop Timestamp (caption), stmt_stop (attribute name), and SQLSTP (column name).

Stmts Sorts

of statements sorts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMTS_SORTS or STMSRT (historical name), Stmts Sorts (caption), stmts_sorts (attribute name), and STMSRT (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Pool IO Time

total buffer pool read and write time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_IO_TIME or TPLIOTI (historical name), Total Pool IO Time (caption), tot_pool_io_time (attribute name), and TPLIOTI (column name).

Total Sorts for Interval

The total number of sorts that are executed by the application during the monitoring interval. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORTS_FOR_INT or TLSTI (historical name), Total Sorts for Interval (caption), total_sorts_for_int (attribute name), and TLSTI (column name).

UID SQL Percent for Interval

uid_sql_stmts percent for the interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_PCT_FOR_INT or UIDPI (historical name), UID SQL Percent for Interval (caption), uid_sql_pct_for_int (attribute name), and UIDPI (column name).

UOW Comp Status

previous uow completion status The type is string with enumerated values. The following values are defined: Appl Normal Termination (Appl_Normal_Termination), UOW Commit (UOW_Commit), UOW RB - Lock Timeout (UOW_RB_-_Lock_Timeout), UOW RB due to Abend (UOW_RB_due_to_Abend), UOW RB due to Deadlock (UOW_RB_due_to_Deadlock), UOW Rolled Back (UOW_Rolled_Back), 0 (0), Unknown (Unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_COMP_STATUS or UCSTT (historical name), UOW Comp Status (caption), uow_comp_status (attribute name), and UCSTT (column name).

UOW Log Space Used

The amount of log space used in the current unit of work of the monitored application. The value format is integer. Use this attribute to understand the logging requirements at the unit-of-work level. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_LOG_SPACE_USED or ULSUSD (historical name), UOW Log Space Used (caption), uow_log_space_used (attribute name), and ULSUSD (column name).

UOW Start Timestamp

time trans exec started The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_START_TIME or USTTT (historical name), UOW Start Timestamp (caption), uow_start_time (attribute name), and USTTT (column name).

UOW Stop Timestamp

unit-of-work stop time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_STOP_TIME or USTPT (historical name), UOW Stop Timestamp (caption), uow_stop_time (attribute name), and USTPT (column name).

DB2 Application01 (Superseded) data set

Replaced by KUDAPPL01 table.

This data set contains the following attributes:

Agent Sys CPU Time

The total system CPU time in seconds used by the database manager agent process. This element includes CPU time for both SQL and non-SQL statements, as well as CPU time for any unfenced user-defined functions (UDFs). System CPU represents the time spent in system calls. User CPU represents time spent executing database manager code. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_SYS_CPU_TIME or UA37 (historical name), Agent Sys CPU Time (caption), agent_sys_cpu_time (attribute name), and UA37 (column name).

Agent User CPU Time

The total CPU time in seconds used by the database manager agent process. This counter includes time spent on both SQL and non-SQL statements, as well as any unfenced user-defined functions (UDFs) or stored procedures executed by the application. System CPU represents the time spent in system calls. User CPU represents time spent executing database manager code. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_USR_CPU_TIME or UA36 (historical name), Agent User CPU Time (caption), agent_usr_cpu_time (attribute name), and UA36 (column name).

Agents Stolen

agents stolen The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_STOLEN or UA4 (historical name), Agents Stolen (caption), agents_stolen (attribute name), and UA4 (column name).

Appl Connect Timestamp

Connect start date/time The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_CON_TIME_TIMESTAMP or UA22 (historical name), Appl Connect Timestamp (caption), appl_con_time_timestamp (attribute name), and UA22 (column name).

Appl ID (Unicode)

Application Id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_ID_U or UA32 (historical name), Appl ID (Unicode) (caption), appl_id_U (attribute name), and UA32 (column name).

Appl Name

Application name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_NAME or UA2 (historical name), Appl Name (caption), appl_name (attribute name), and UA2 (column name).

Appl Name (Unicode)

Application name The type is string.

The following names are defined for this attribute: APPL_NAME_U or UUA2 (historical name), Appl Name (Unicode) (caption), appl_name_U (attribute name), and UUA2 (column name).

Appl Section Inserts

of application section inserts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_INSERTS or UA15 (historical name), Appl Section Inserts (caption), appl_section_inserts (attribute name), and UA15 (column name).

Appl Section Lookups

Number of lookups of SQL sections by an application from its SQL work area. This counter indicates how many times the SQL work area was accessed by agents for an application. It is a cumulative total of all lookups on all SQL work heaps for agents working for this application. The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_LOOKUPS or UA35 (historical name), Appl Section Lookups (caption), appl_section_lookups (attribute name), and UA35 (column name).

Appl Work Load

ratio of max number of subagents to number of agent stolen The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APP_WORK_LOAD or UA5 (historical name), Appl Work Load (caption), app_work_load (attribute name), and UA5 (column name).

Associated Agents Top

max number of associated agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ASSOCIATED_AGENTS_TOP or UA6 (historical name), Associated Agents Top (caption), associated_agents_top (attribute name), and UA6 (column name).

Avg Sect Read per Direct Read

average number of sector read per direct read The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_READ_PER_DIRECT_READ or UA7 (historical name), Avg Sect Read per Direct Read (caption), avg_sect_read_per_direct_read (attribute name), and UA7 (column name).

Avg Sect Written per Direct Write

average number of sector written by a direct write The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_WRITTEN_PER_DIRECT_WRITE or UA8 (historical name), Avg Sect Written per Direct Write (caption), avg_sect_written_per_direct_write (attribute name), and UA8 (column name).

Binds Precompiles

of binds and precompiles attempted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BINDS_PRECOMPILES or UA16 (historical name), Binds Precompiles (caption), binds_precompiles (attribute name), and UA16 (column name).

Connection Complete Timestamp

Connect complete date/time The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONN_COMPLETE_TIME_TIMESTAMP or UA23 (historical name), Connection Complete Timestamp (caption), conn_complete_time_timestamp (attribute name), and UA23 (column name).

DB Name

Database name The type is string.

The following names are defined for this attribute: DB_NAME or UA3 (historical name), DB Name (caption), db_name (attribute name), and UA3 (column name).

DB Name (Unicode)

Database name The type is string.

The following names are defined for this attribute: DB_NAME_U or UUA3 (historical name), DB Name (Unicode) (caption), db_name_U (attribute name), and UUA3 (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or UA33 (historical name), DB Partition (caption), db_partition (attribute name), and UA33 (column name).

DDL SQL Pct for Interval

ddl_sql_stmts percent for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_PCT_FOR_INT or UA17 (historical name), DDL SQL Pct for Interval (caption), ddl_sql_pct_for_int (attribute name), and UA17 (column name).

Deadlocks for Interval

of deadlocks for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS_FOR_INT or UA13 (historical name), Deadlocks for Interval (caption), deadlocks_for_int (attribute name), and UA13 (column name).

Instance Name (Unicode)

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or UA34 (historical name), Instance Name (Unicode) (caption), instance_name_u (attribute name), and UA34 (column name).

Lock Escalation for Interval

of lock escalation for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALATION_FOR_INT or UA12 (historical name), Lock Escalation for Interval (caption), lock_escalation_for_int (attribute name), and UA12 (column name).

Lock List in Use Pct

The percentage of space used in the locklist by a connected application. The value format is a percentage. When an application reaches the maximum number of locks allowed and there are no more locks to escalate, it uses space in the lock list allocated for other applications. When an application holds too much of the locklist, other applications may experience lock escalations. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_LIST_IN_USE_PCT or UA39 (historical name), Lock List in Use Pct (caption), lock_list_in_use_pct (attribute name), and UA39 (column name).

Lock Wait Start Timestamp

Time when lock wait entered The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_START_TIME_TIMESTAMP or UA21 (historical name), Lock Wait Start Timestamp (caption), lock_wait_start_time_timestamp (attribute name), and UA21 (column name).

Lock Wait Time for Interval

The total elapsed time, in seconds, the application waited for a lock to be granted during the monitoring interval. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME_FOR_INT or UA40 (historical name), Lock Wait Time for Interval (caption), lock_wait_time_for_int (attribute name), and UA40 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Open Curs

The number of local and remote cursors currently open for this application, including the number of local and remote blocking cursors currently open for this application. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_CURS or UA41 (historical name), Open Curs (caption), open_curs (attribute name), and UA41 (column name).

Open Curs Blk

The number of local and remote blocking cursors currently open for this application. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OPEN_CURS_BLK or UA42 (historical name), Open Curs Blk (caption), open_curs_blk (attribute name), and UA42 (column name).

Pkg Cache Hit Pct

package cache hit percent The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_HIT_PCT or UA10 (historical name), Pkg Cache Hit Pct (caption), pkg_cache_hit_pct (attribute name), and UA10 (column name).

Pool Hit Ratio Pct for Interval

The overall buffer pool hit ratio (as a percentage) for the application during the monitoring interval. The value format is integer. This hit ratio includes both index and data page activity. The overall buffer pool hit ratio indicates the percentage of page requests for which the database manager did not need to load a page from disk to service. That is, the page was already in the buffer pool. The greater the buffer pool hit ratio, the lower the frequency of disk input and output. If the hit ratio is low compared to normal operating levels, increasing the number of buffer pool pages can improve performance. A ratio of zero indicates that pages needed to be read for every request. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_PCT_FOR_INT or UA43 (historical name), Pool Hit Ratio Pct for Interval (caption), pool_hit_ratio_pct_for_int (attribute name), and UA43 (column name).

Pool Index Hit Ratio Pct for Interval

The application buffer pool index page hit ratio (as a percentage) during the monitoring interval. The index page hit ratio for the buffer pool indicates the percentage of index page requests for which the database manager did not need to load an index page from disk to service. That is, the index page was already in the buffer pool. The higher the returned value, the lower the frequency of disk input and output, and the faster the performance. If the hit ratio is low compared to normal operating levels, increasing the number of buffer pool pages can improve performance. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_HIT_RATIO_PCT_FOR_INT or UA9 (historical name), Pool Index Hit Ratio Pct for Interval (caption), pool_index_hit_ratio_pct_for_int (attribute name), and UA9 (column name).

Pool Total Reads (K)

The total number of read requests in thousand (K) that required I/O to get data pages and index pages into the buffer pool. The value format is integer. This attribute is the total of Pool Data Physical Reads and Pool Index Physical Reads attributes. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS_K or UA29 (historical name), Pool Total Reads (K) (caption), pool_total_reads_K (attribute name), and UA29 (column name).

Pool Total Writes (K)

The total number of write requests in thousand (K). The value format is integer. This attribute is the total of Pool Data Writes and Pool Index Writes attributes. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES_K or UA30 (historical name), Pool Total Writes (K) (caption), pool_total_writes_K (attribute name), and UA30 (column name).

Prev UOW Stop Timestamp

prev commit or rollback time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREV_UOW_STOP_TIME_TIMESTAMP or UA26 (historical name), Prev UOW Stop Timestamp (caption), prev_uow_stop_time_timestamp (attribute name), and UA26 (column name).

Snapshot Time

Date/Time of snapshot The type is string.

The following names are defined for this attribute: SNAPSHOT_TIME or UA1 (historical name), Snapshot Time (caption), snapshot_time (attribute name), and UA1 (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or UA20 (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and UA20 (column name).

SQL Reqs Since Commit

of SQL requests since last commit The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_REQS_SINCE_COMMIT or UA19 (historical name), SQL Reqs Since Commit (caption), sql_reqs_since_commit (attribute name), and UA19 (column name).

Stmt Start Timestamp

SQL statement operation start time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_START_TIMESTAMP or UA24 (historical name), Stmt Start Timestamp (caption), stmt_start_timestamp (attribute name), and UA24 (column name).

Stmt Stop Timestamp

SQL statement operation start time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_STOP_TIMESTAMP or UA25 (historical name), Stmt Stop Timestamp (caption), stmt_stop_timestamp (attribute name), and UA25 (column name).

Stmts Sorts

of statements sorts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMTS_SORTS or UA14 (historical name), Stmts Sorts (caption), stmts_sorts (attribute name), and UA14 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Pool IO Time

total buffer pool read and write time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_IO_TIME or UA11 (historical name), Total Pool IO Time (caption), tot_pool_io_time (attribute name), and UA11 (column name).

Total Sorts for Interval

The total number of sorts that are executed by the application during the monitoring interval. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORTS_FOR_INT or UA44 (historical name), Total Sorts for Interval (caption), total_sorts_for_int (attribute name), and UA44 (column name).

UID SQL Pct for Interval

uid_sql_stmts percent for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_PCT_FOR_INT or UA18 (historical name), UID SQL Pct for Interval (caption), uid_sql_pct_for_int (attribute name), and UA18 (column name).

UOW Log Space Used (MB)

The amount of log space (in MB) used in the current unit of work of the monitored application. The value format is integer. Use this attribute to understand the logging requirements at the unit-of-work level. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_LOG_SPACE_USED_MB or UA31 (historical name), UOW Log Space Used (MB) (caption), uow_log_space_used_MB (attribute name), and UA31 (column name).

UOW Start Timestamp

time trans exec started The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_START_TIME_TIMESTAMP or UA27 (historical name), UOW Start Timestamp (caption), uow_start_time_timestamp (attribute name), and UA27 (column name).

UOW Stop Timestamp

unit-of-work stop time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_STOP_TIME_TIMESTAMP or UA28 (historical name), UOW Stop Timestamp (caption), uow_stop_time_timestamp (attribute name), and UA28 (column name).

DB2 Apply Program data set

The Apply program attributes provide status information related to the Apply program processes configured to run on a database manager server. To successfully collect Apply program attributes, the Apply program must be configured. The DB2 agent should reside on the control server in order for it to collect Apply program attributes. The control server is often the same as the target database server in an Apply subscription set.

This data set contains the following attributes:

Apply ID

Subscriber user ID that started the Apply program The type is string.

The following names are defined for this attribute: APPLY_ID or KUDAPPLYID (historical name), Apply ID (caption), apply_id (attribute name), and KUDAPPLYID (column name).

Apply Qualifier

Uniquely identifies which Apply program processes this subscription set. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPLY_QUALIFIER or KUDAPLYQUA (historical name), Apply Qualifier (caption), apply_qualifier (attribute name), and KUDAPLYQUA (column name).

Apply Status

The state of each Apply subscription process for every distinct apply_id present in the Apply program subscription sets. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: down (0), up (1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLY_STATUS or KUDAPLYSTS (historical name), Apply Status (caption), apply_status (attribute name), and KUDAPLYSTS (column name).

DB Name

The database name on the Apply control server where the subscription set table is stored. The type is string.

The following names are defined for this attribute: DB_NAME_U or KUDDDBNAME (historical name), DB Name (caption), db_name_U (attribute name), and KUDDDBNAME (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or KUDINST (historical name), Instance Name (caption), instance_name_U (attribute name), and KUDINST (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or SSTIMEST (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and SSTIMEST (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Apply Sub Fail

The number of subscriptions with the same apply_id that the Apply program failed to replicate. The tallied subscriptions are marked as active and failed with a status equal to -1. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_APPLY_SUB_FAIL_64 or TLSBFAL64 (historical name), Total Apply Sub Fail (caption), tot_apply_sub_fail_64 (attribute name), and TLSBFAL64 (column name).

Total Apply Sub Fail (Superseded)

The number of subscriptions with the same apply_id that the Apply program failed to replicate. The tallied subscriptions are marked as active and failed with a status equal to -1. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_APPLY_SUB_FAIL or KUDTLSBFAL (historical name), Total Apply Sub Fail (Superseded) (caption), tot_apply_sub_fail (attribute name), and KUDTLSBFAL (column name).

Total Apply Sub Lag

The total number of Apply program subscriptions that have not run to completion within their scheduled replication interval. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_APPLY_SUB_LAG_64 or TLSBLAG64 (historical name), Total Apply Sub Lag (caption), tot_apply_sub_lag_64 (attribute name), and TLSBLAG64 (column name).

Total Apply Sub Lag (Superseded)

The total number of Apply program subscriptions that have not run to completion within their scheduled replication interval. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_APPLY_SUB_LAG or KUDTLSBLAG (historical name), Total Apply Sub Lag (Superseded) (caption), tot_apply_sub_lag (attribute name), and KUDTLSBLAG (column name).

DB2 Apply Subscription data set

The Apply subscription attributes provide information related to Apply program subscription sets configured to run on a database manager server. To successfully collect Apply program attributes, the Apply program must be configured. The DB2 agent should reside on the control server in order for it to collect Apply program attributes. The control server is often the same as the target database server in an Apply subscription set.

This data set contains the following attributes:

Apply ID

Subscriber user ID that started the Apply program The type is string.

The following names are defined for this attribute: APPLY_ID or KUDAPPLYID (historical name), Apply ID (caption), apply_id (attribute name), and KUDAPPLYID (column name).

Apply Num Reqs Refresh

Number of subscriptions the Apply program failed to replicate because refresh copying has been disabled. While attempting to perform a full refresh, the Apply program encountered a DISABLE_REFRESH column in the register table which was set on. Either turn off the DISABLE_REFRESH column or bypass the Apply program and perform a manual refresh. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLY_NUM_REQS_REFRESH_64 or REQSREF64 (historical name), Apply Num Reqs Refresh (caption), apply_num_reqs_refresh_64 (attribute name), and REQSREF64 (column name).

Apply Num Reqs Refresh (Superseded)

Number of subscriptions the Apply program failed to replicate because refresh copying has been disabled. While attempting to perform a full refresh, the Apply program encountered a DISABLE_REFRESH column in the register table which was set on. Either turn off the DISABLE_REFRESH column or bypass the Apply program and perform a manual refresh. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLY_NUM_REQS_REFRESH or KUDREQSREF (historical name), Apply Num Reqs Refresh (Superseded) (caption), apply_num_reqs_refresh (attribute name), and KUDREQSREF (column name).

Apply Sub Lag Time

The elapsed time difference The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLY_SUB_LAG_TIME_64 or SUBLAGT64 (historical name), Apply Sub Lag Time (caption), apply_sub_lag_time_64 (attribute name), and SUBLAGT64 (column name).

Apply Sub Lag Time (Superseded)

The elapsed time difference The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLY_SUB_LAG_TIME or KUDSUBLAGT (historical name), Apply Sub Lag Time (Superseded) (caption), apply_sub_lag_time (attribute name), and KUDSUBLAGT (column name).

Apply Sub Status

The Apply program subscription status The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Replication failed (-1), No Errors (0), Successful single set

processing multiple cycles (2), Some errors (16), Some errors processing multiple cycles (18), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLY_SUB_STATUS or KUDSUBSTAT (historical name), Apply Sub Status (caption), apply_sub_status (attribute name), and KUDSUBSTAT (column name).

DB Name Target

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME_TARGET or KUDDBNMTGT (historical name), DB Name Target (caption), db_name_target (attribute name), and KUDDBNMTGT (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or KUDINST (historical name), Instance Name (caption), instance_name_U (attribute name), and KUDINST (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or SSTIMEST (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and SSTIMEST (column name).

Target Owner

The name of the target owner for this member This attribute is a key attribute. The type is string.

The following names are defined for this attribute: TARGET_OWNER or KUDTGROWN (historical name), Target Owner (caption), target_owner (attribute name), and KUDTGROWN (column name).

Target Table

The name of the target table or view for this member This attribute is a key attribute. The type is string.

The following names are defined for this attribute: TARGET_TABLE or KUDTBNMTGT (historical name), Target Table (caption), target_table (attribute name), and KUDTBNMTGT (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Buffer Pool data set

[KUD_DB2_Buffer_Pool] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italics* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Async Write Ratio

Async Write ratio in integer The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ASYNC_WRITE_RATIO_INT or ASCWRI (historical name), *Async Write Ratio* (caption), async_write_ratio_int (attribute name), and ASCWRI (column name).

BP ID

bufferpool internal id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: BP_ID or BPID (historical name), *BP ID* (caption), bp_id (attribute name), and BPID (column name).

DB Name

database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), *DB Name* (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), *DB Partition* (caption), db_partition (attribute name), and PRTNNO (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), *Instance Name* (caption), instance_name (attribute name), and INAME (column name).

Logical Read Per Min

Logical read on buffer pool per min The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGICAL_READ_PER_MIN or LGRDPRMIN (historical name), *Logical Read Per Min* (caption), logical_read_per_min (attribute name), and LGRDPRMIN (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Prefetch Ratio

Prefetch Ratio Percent in integer The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_RATIO_INT or PFRPI (historical name), *Prefetch Ratio* (caption), prefetch_ratio_int (attribute name), and PFRPI (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: `TIMESTAMP` (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and `TIMESTAMP` (column name).

Avg Data Page Read per Async Req

average pages read per async req The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `AVG_DATA_PAGE_READ_PER_ASYNC_REQ` or `AVDPRASRQ` (historical name), Avg Data Page Read per Async Req (caption), `avg_data_page_read_per_async_req` (attribute name), and `AVDPRASRQ` (column name).

Avg Direct Read Time

average direct read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `AVG_DIRECT_READ_TIME` or `AVDRT` (historical name), Avg Direct Read Time (caption), `avg_direct_read_time` (attribute name), and `AVDRT` (column name).

Avg Direct Write Time

average direct write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `AVG_DIRECT_WRITE_TIME` or `AVDWT` (historical name), Avg Direct Write Time (caption), `avg_direct_write_time` (attribute name), and `AVDWT` (column name).

Avg Pool Read Time

average bufferpool read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `AVG_POOL_READ_TIME` or `AVPRT` (historical name), Avg Pool Read Time (caption), `avg_pool_read_time` (attribute name), and `AVPRT` (column name).

Avg Pool Write Time

average bufferpool write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `AVG_POOL_WRITE_TIME` or `AVPWT` (historical name), Avg Pool Write Time (caption), `avg_pool_write_time` (attribute name), and `AVPWT` (column name).

Avg Sync Read Time

average sync read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `AVG_SYNC_READ_TIME` or `AVSRT` (historical name), Avg Sync Read Time (caption), `avg_sync_read_time` (attribute name), and `AVSRT` (column name).

Avg Sync Write Time

average sync write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `AVG_SYNC_WRITE_TIME` or `AVSWT` (historical name), Avg Sync Write Time (caption), `avg_sync_write_time` (attribute name), and `AVSWT` (column name).

BP Name

bufferpool name The type is string.

The following names are defined for this attribute: BP_NAME or BPNAME (historical name), BP Name (caption), bp_name (attribute name), and BPNAME (column name).

DB Path

database path The type is string.

The following names are defined for this attribute: DB_PATH or DBPTH (historical name), DB Path (caption), db_path (attribute name), and DBPTH (column name).

Direct Read Reqs

direct read requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or DRRQ (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and DRRQ (column name).

Direct Read Time

direct read time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or DRTI (historical name), Direct Read Time (caption), direct_read_time (attribute name), and DRTI (column name).

Direct Reads

direct reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or DIRRD (historical name), Direct Reads (caption), direct_reads (attribute name), and DIRRD (column name).

Direct Write Reqs

direct write requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or DWRQ (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and DWRQ (column name).

Direct Write Time

direct write time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or DWTI (historical name), Direct Write Time (caption), direct_write_time (attribute name), and DWTI (column name).

Direct Writes

direct writes since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or DWRTI (historical name), Direct Writes (caption), direct_writes (attribute name), and DWRTI (column name).

Files Closed

files closed since first db conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FILES_CLOSED or FILCLOS (historical name), Files Closed (caption), files_closed (attribute name), and FILCLOS (column name).

Input DB Alias

database alias The type is string.

The following names are defined for this attribute: INPUT_DB_ALIAS or INDBA (historical name), Input DB Alias (caption), input_db_alias (attribute name), and INDBA (column name).

Pool Async Data Read Reqs

Number of async read requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READ_REQS or PLADRR (historical name), Pool Async Data Read Reqs (caption), pool_async_data_read_reqs (attribute name), and PLADRR (column name).

Pool Async Data Reads

asynchronous pool data reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READS or PLADR (historical name), Pool Async Data Reads (caption), pool_async_data_reads (attribute name), and PLADR (column name).

Pool Async Data Writes

asynchronous pool data writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_WRITES or PLADW (historical name), Pool Async Data Writes (caption), pool_async_data_writes (attribute name), and PLADW (column name).

Pool Async Index Reads

asynchronous pool index reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READS or PLAIR (historical name), Pool Async Index Reads (caption), pool_async_index_reads (attribute name), and PLAIR (column name).

Pool Async Index Writes

asynchronous pool index writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_WRITES or PLAIW (historical name), Pool Async Index Writes (caption), pool_async_index_writes (attribute name), and PLAIW (column name).

Pool Async Read Time

total async read time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_READ_TIME or PLARTI (historical name), Pool Async Read Time (caption), pool_async_read_time (attribute name), and PLARTI (column name).

Pool Async Write Time

total async write time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_WRITE_TIME or PLAWTI (historical name), Pool Async Write Time (caption), pool_async_write_time (attribute name), and PLAWTI (column name).

Pool Data from Estore

Number of data pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or PLDFE (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and PLDFE (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or PLDLR (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and PLDLR (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or PLDPR (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and PLDPR (column name).

Pool Data to Estore

Number of data pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or PLDTE (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and PLDTE (column name).

Pool Data Writes

pool data writes since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or PLDW (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and PLDW (column name).

Pool Hit Ratio

bufferpool hit ratio The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO or PLHR (historical name), Pool Hit Ratio (caption), pool_hit_ratio (attribute name), and PLHR (column name).

Pool Index from Estore

Number of index pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or PLIFE (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and PLIFE (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or PLILR (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and PLILR (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or PLIPR (historical name), Pool Index P Reads (caption), pool_index_p_reads (attribute name), and PLIPR (column name).

Pool Index to Estore

Number of index pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or PLITE (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and PLITE (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or PLIW (historical name), Pool Index Writes (caption), pool_index_writes (attribute name), and PLIW (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or PLRTI (historical name), Pool Read Time (caption), pool_read_time (attribute name), and PLRTI (column name).

Pool Sync Data Reads

Number of sync data read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_READS or PLSDR (historical name), Pool Sync Data Reads (caption), pool_sync_data_reads (attribute name), and PLSDR (column name).

Pool Sync Data Writes

Number of sync data write The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_WRITES or PLSDW (historical name), Pool Sync Data Writes (caption), pool_sync_data_writes (attribute name), and PLSDW (column name).

Pool Sync Index Reads

Number of sync index read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_READS or PLSIR (historical name), Pool Sync Index Reads (caption), pool_sync_index_reads (attribute name), and PLSIR (column name).

Pool Sync Index Writes

Number of sync index write The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_WRITES or PLSIW (historical name), Pool Sync Index Writes (caption), pool_sync_index_writes (attribute name), and PLSIW (column name).

Pool Sync Read

Number of sync read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ or PSYRD (historical name), Pool Sync Read (caption), pool_sync_read (attribute name), and PSYRD (column name).

Pool Sync Read Time

sync read time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ_TIME or PLSRTI (historical name), Pool Sync Read Time (caption), pool_sync_read_time (attribute name), and PLSRTI (column name).

Pool Sync Write

Number of sync index write The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE or PSYW (historical name), Pool Sync Write (caption), pool_sync_write (attribute name), and PSYW (column name).

Pool Sync Write Time

sync write time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE_TIME or PSWTI (historical name), Pool Sync Write Time (caption), pool_sync_write_time (attribute name), and PSWTI (column name).

Pool Total Reads

Total number of read requests that required I/O to get data pages and index pages into the buffer pool. The value format is integer. This attribute is the total of Pool Data Physical Reads and Pool Index Physical Reads attributes. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS or PLTLR (historical name), Pool Total Reads (caption), pool_total_reads (attribute name), and PLTLR (column name).

Pool Total Writes

The total number of write requests. The value format is integer. This attribute is the total of Pool Data Writes and Pool Index Writes attributes. The type is integer (64-bit counter) with enumerated values.

The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES or PLTLW (historical name), Pool Total Writes (caption), pool_total_writes (attribute name), and PLTLW (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or PLWT (historical name), Pool Write Time (caption), pool_write_time (attribute name), and PLWT (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), Snapshot Timestamp (caption), snapshot_time (attribute name), and SSTIME (column name).

DB2 Buffer Pool (Superseded) data set

Replaced by table KUDBPOOL.

This data set contains the following attributes:

Avg Data Page Read per Async Req

average pages read per async req The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DATA_PAGE_READ_PER_ASYNC_REQ or UA41 (historical name), Avg Data Page Read per Async Req (caption), avg_data_page_read_per_async_req (attribute name), and UA41 (column name).

Avg Direct Read Time

average direct read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_READ_TIME or UA48 (historical name), Avg Direct Read Time (caption), avg_direct_read_time (attribute name), and UA48 (column name).

Avg Direct Write Time

average direct write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_WRITE_TIME or UA49 (historical name), Avg Direct Write Time (caption), avg_direct_write_time (attribute name), and UA49 (column name).

Avg Pool Read Time

average bufferpool read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or UA28 (historical name), Avg Pool Read Time (caption), avg_pool_read_time (attribute name), and UA28 (column name).

Avg Pool Write Time

average bufferpool write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or UA30 (historical name), Avg Pool Write Time (caption), avg_pool_write_time (attribute name), and UA30 (column name).

Avg Sync Read Time

average sync read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_READ_TIME or UA38 (historical name), Avg Sync Read Time (caption), avg_sync_read_time (attribute name), and UA38 (column name).

Avg Sync Write Time

average sync write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_WRITE_TIME or UA40 (historical name), Avg Sync Write Time (caption), avg_sync_write_time (attribute name), and UA40 (column name).

BP ID

bufferpool internal id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: BP_ID or UA1 (historical name), BP ID (caption), bp_id (attribute name), and UA1 (column name).

BP Name

bufferpool name The type is string.

The following names are defined for this attribute: BP_NAME or UA2 (historical name), BP Name (caption), bp_name (attribute name), and UA2 (column name).

BP Name (Unicode)

bufferpool name The type is string.

The following names are defined for this attribute: BP_NAME_U or UUA2 (historical name), BP Name (Unicode) (caption), bp_name_U (attribute name), and UUA2 (column name).

DB Name

database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or UA4 (historical name), DB Name (caption), db_name (attribute name), and UA4 (column name).

DB Name (Unicode)

database name The type is string.

The following names are defined for this attribute: DB_NAME_U or UUA4 (historical name), DB Name (Unicode) (caption), db_name_U (attribute name), and UUA4 (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or UA52 (historical name), DB Partition (caption), db_partition (attribute name), and UA52 (column name).

DB Path

database path The type is string.

The following names are defined for this attribute: DB_PATH or UA5 (historical name), DB Path (caption), db_path (attribute name), and UA5 (column name).

DB Path (Unicode)

database path The type is string.

The following names are defined for this attribute: DB_PATH_U or UUA5 (historical name), DB Path (Unicode) (caption), db_path_U (attribute name), and UUA5 (column name).

Direct Read Reqs

direct read requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or UA44 (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and UA44 (column name).

Direct Read Time

direct read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or UA46 (historical name), Direct Read Time (caption), direct_read_time (attribute name), and UA46 (column name).

Direct Reads

direct reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or UA42 (historical name), Direct Reads (caption), direct_reads (attribute name), and UA42 (column name).

Direct Write Reqs

direct write requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or UA45 (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and UA45 (column name).

Direct Write Time

direct write time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or UA47 (historical name), Direct Write Time (caption), direct_write_time (attribute name), and UA47 (column name).

Direct Writes

direct writes since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or UA43 (historical name), Direct Writes (caption), direct_writes (attribute name), and UA43 (column name).

Files Closed

files closed since first db conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FILES_CLOSED or UA14 (historical name), Files Closed (caption), files_closed (attribute name), and UA14 (column name).

Input DB Alias

database alias The type is string.

The following names are defined for this attribute: INPUT_DB_ALIAS or UA3 (historical name), Input DB Alias (caption), input_db_alias (attribute name), and UA3 (column name).

Input DB Alias (Unicode)

database alias The type is string.

The following names are defined for this attribute: INPUT_DB_ALIAS_U or UUA3 (historical name), Input DB Alias (Unicode) (caption), input_db_alias_U (attribute name), and UUA3 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Pool Async Data Read Reqs

async read requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READ_REQS or UA25 (historical name), Pool Async Data Read Reqs (caption), pool_async_data_read_reqs (attribute name), and UA25 (column name).

Pool Async Data Reads

asynchronous pool data reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READS or UA20 (historical name), Pool Async Data Reads (caption), pool_async_data_reads (attribute name), and UA20 (column name).

Pool Async Data Writes

asynchronous pool data writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_WRITES or UA21 (historical name), Pool Async Data Writes (caption), pool_async_data_writes (attribute name), and UA21 (column name).

Pool Async Index Reads

asynchronous pool index reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READS or UA15 (historical name), Pool Async Index Reads (caption), pool_async_index_reads (attribute name), and UA15 (column name).

Pool Async Index Writes

asynchronous pool index writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_WRITES or UA22 (historical name), Pool Async Index Writes (caption), pool_async_index_writes (attribute name), and UA22 (column name).

Pool Async Read Time

total async read time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_READ_TIME or UA23 (historical name), Pool Async Read Time (caption), pool_async_read_time (attribute name), and UA23 (column name).

Pool Async Write Time

total async write time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_WRITE_TIME or UA24 (historical name), Pool Async Write Time (caption), pool_async_write_time (attribute name), and UA24 (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or UA19 (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and UA19 (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or UA6 (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and UA6 (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or UA7 (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and UA7 (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or UA16 (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and UA16 (column name).

Pool Data Writes

pool data writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or UA8 (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and UA8 (column name).

Pool Hit Ratio

bufferpool hit ratio The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO or UA27 (historical name), Pool Hit Ratio (caption), pool_hit_ratio (attribute name), and UA27 (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or UA18 (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and UA18 (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or UA9 (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and UA9 (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or UA10 (historical name), Pool Index P Reads (caption), pool_index_p_reads (attribute name), and UA10 (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or UA17 (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and UA17 (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or UA11 (historical name), Pool Index Writes (caption), pool_index_writes (attribute name), and UA11 (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or UA12 (historical name), Pool Read Time (caption), pool_read_time (attribute name), and UA12 (column name).

Pool Sync Data Reads

sync data read The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_READS or UA31 (historical name), Pool Sync Data Reads (caption), pool_sync_data_reads (attribute name), and UA31 (column name).

Pool Sync Data Writes

sync data write The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_WRITES or UA34 (historical name), Pool Sync Data Writes (caption), pool_sync_data_writes (attribute name), and UA34 (column name).

Pool Sync Index Reads

sync index read The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_READS or UA32 (historical name), Pool Sync Index Reads (caption), pool_sync_index_reads (attribute name), and UA32 (column name).

Pool Sync Index Writes

sync index write The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_WRITES or UA35 (historical name), Pool Sync Index Writes (caption), pool_sync_index_writes (attribute name), and UA35 (column name).

Pool Sync Read

sync read The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ or UA33 (historical name), Pool Sync Read (caption), pool_sync_read (attribute name), and UA33 (column name).

Pool Sync Read Time

sync read time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ_TIME or UA37 (historical name), Pool Sync Read Time (caption), pool_sync_read_time (attribute name), and UA37 (column name).

Pool Sync Write

sync index write The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE or UA36 (historical name), Pool Sync Write (caption), pool_sync_write (attribute name), and UA36 (column name).

Pool Sync Write Time

sync write time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE_TIME or UA39 (historical name), Pool Sync Write Time (caption), pool_sync_write_time (attribute name), and UA39 (column name).

Pool Total Reads

total bufferpool reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS or UA26 (historical name), Pool Total Reads (caption), pool_total_reads (attribute name), and UA26 (column name).

Pool Total Reads (K)

The total number of read requests in thousand (K) that required I/O to get data pages and index pages into the buffer pool. The value format is integer. This attribute is the total of Pool Data Physical Reads and Pool Index Physical Reads attributes. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS_K or UA50 (historical name), Pool Total Reads (K) (caption), pool_total_reads_K (attribute name), and UA50 (column name).

Pool Total Writes

total bufferpool writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES or UA29 (historical name), Pool Total Writes (caption), pool_total_writes (attribute name), and UA29 (column name).

Pool Total Writes (K)

The total number of write requests in thousand (K). The value format is integer. This attribute is the total of Pool Data Writes and Pool Index Writes attributes. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES_K or UA51 (historical name), Pool Total Writes (K) (caption), pool_total_writes_K (attribute name), and UA51 (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or UA13 (historical name), Pool Write Time (caption), pool_write_time (attribute name), and UA13 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Current SQL data set

[KUD_DB2_Current_SQL] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italics* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Activity State

The current state of the activity. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: CANCEL PENDING (1), EXECUTING (2), IDLE (3), INITIALIZING (4), QP CANCEL PENDING (5), QP QUEUED (6), QUEUED (7), TERMINATING (8), UNKNOWN (9), Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACTIVITY_STATE or ACTSTAT (historical name), *Activity State* (caption), activity_state (attribute name), and ACTSTAT (column name).

Application Handle

A system-wide unique ID for the application. This attribute is a key attribute. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_HANDLE or APPLHNDL (historical name), *Application Handle* (caption), appl_handle (attribute name), and APPLHNDL (column name).

Application Name

The name of running application. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_NAME or APPLNAME (historical name), *Application Name* (caption), appl_name (attribute name), and APPLNAME (column name).

DB Name

Database name This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_NAME or DBNAME (historical name), *DB Name* (caption), db_name (attribute name), and DBNAME (column name).

Elapsed Time in Seconds

Elapsed time for the SQL statement in seconds. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ELAPSED_TIME_SEC or ELPSTMSEC (historical name), *Elapsed Time in Seconds* (caption), elapsed_time_sec (attribute name), and ELPSTMSEC (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Query Cost Estimates

Estimated cost for a query, as determined by the SQL compiler. This value is reported in timerons. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_COST_ESTIMATE or QCOSTEST (historical name), *Query Cost Estimates* (caption), query_cost_estimate (attribute name), and QCOSTEST (column name).

Rows Read

The number of rows read from the table. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_READ or ROWRD (historical name), *Rows Read* (caption), rows_read (attribute name), and ROWRD (column name).

Rows Returned

The number of rows that have been selected and returned to the application. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_RETURNED or ROWRETN (historical name), *Rows Returned* (caption), rows_returned (attribute name), and ROWRETN (column name).

Statement Text

SQL statement text. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_TEXT or STMTXT (historical name), *Statement Text* (caption), stmt_text (attribute name), and STMTXT (column name).

Status

Determined from threshold defined for user criteria in environment setting. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Normal (1), Critical (2), Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATUS (historical name), *Status* (caption), status (attribute name), and STATUS (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Total CPU Time in Seconds

Represents total of both user and system CPU time in seconds. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_CPU_TIME_SEC or TCPUTMSEC (historical name), *Total CPU Time in Seconds* (caption), total_cpu_time_sec (attribute name), and TCPUTMSEC (column name).

Activity Id

The ID of an activity within the given unit of work. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACTIVITY_ID or ACTID (historical name), *Activity Id* (caption), activity_id (attribute name), and ACTID (column name).

Activity Type

The type of the activity. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: LOAD (1), READ DML (2), WRITE DML (3), DDL (4), CALL (5), OTHER (6), UNKNOWN (7), Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACTIVITY_TYPE or ACTYP (historical name), Activity Type (caption), activity_type (attribute name), and ACTYP (column name).

Application Id

This is generated when the application connects to the database. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_ID or APPLID (historical name), Application Id (caption), appl_id (attribute name), and APPLID (column name).

Authorization ID

The authorization ID of the user who invoked the application. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SESSION_AUTH_ID or AUTHID (historical name), Authorization ID (caption), session_auth_id (attribute name), and AUTHID (column name).

Client Application Name

Application name from the client information specified for this connection. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CLIENT_APPLNAME or CLEAPPLNM (historical name), Client Application Name (caption), client_applname (attribute name), and CLEAPPLNM (column name).

Coordinating Member

Coordinating member for an application. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COORD_MEMBER or CORDMEMBR (historical name), Coordinating Member (caption), coord_member (attribute name), and CORDMEMBR (column name).

Direct Reads

The number of read operations that do not use the buffer pool. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or DRTRD (historical name), Direct Reads (caption), direct_reads (attribute name), and DRTRD (column name).

Direct Writes

The number of write operations that do not use the buffer pool. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or DRTWRT (historical name), Direct Writes (caption), direct_writes (attribute name), and DRTWRT (column name).

Instance Name

Name of the monitored DB2 instance. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C), Unknown (unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INSTANCE_NAME or INSTNAME (historical name), Instance Name (caption), instance_name (attribute name), and INSTNAME (column name).

Unit of Work Id

The unit of work identifier is unique within an application handle. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UOW_ID or UOWID (historical name), Unit of Work Id (caption), uow_id (attribute name), and UOWID (column name).

DB2 Customized SQL Definition data set

[KUD_Customized_SQL_Definition]

This data set contains the following attributes:

Customized Definition File

The location of the definition file for customized SQL This attribute is a key attribute. The type is string.

The following names are defined for this attribute: CUSTOMIZED_DEFINITION_FILE or CUSSQLFILE (historical name), Customized Definition File (caption), Customized_Definition_File (attribute name), and CUSSQLFILE (column name).

Last Modified Time

The last modified time of the definition file The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_MODIFIED_TIME or LASTMTIME (historical name), Last Modified Time (caption), Last_Modified_Time (attribute name), and LASTMTIME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

SQL Content

The SQL content that is defined in the definition file. The carriage return is replaced by a blank. The shown text is limited to 512 bytes. The type is string.

The following names are defined for this attribute: SQL_CONTENT or SQLCONTENT (historical name), SQL Content (caption), SQL_Content (attribute name), and SQLCONTENT (column name).

SQL ID

The SQL ID that is defined in the definition file This attribute is a key attribute. The type is string.

The following names are defined for this attribute: SQL_ID or SQLID (historical name), SQL ID (caption), SQL_ID (attribute name), and SQLID (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Customized SQL Detail data set

The Customized SQL Detail data set provides results of customized SQL executions, including five string columns, five number columns, and two datetime columns.

This data set contains the following attributes:

DB Alias

Database alias name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_ALIAS or DBALIAS (historical name), DB Alias (caption), DB_Alias (attribute name), and DBALIAS (column name).

DB Alias Filter Name

Database Alias Filter Name The type is string.

The following names are defined for this attribute: DB_ALIAS_FILTER_NAME or DBFILTNAME (historical name), DB Alias Filter Name (caption), DB_Alias_Filter_Name (attribute name), and DBFILTNAME (column name).

Fifth Number Column Name

The name of the fifth number type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: NUMBER_NAME_5 or NUMNAME5 (historical name), Fifth Number Column Name (caption), Number_Name_5 (attribute name), and NUMNAME5 (column name).

Fifth Number Value

The fifth number value in the result of the customized SQL execution. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-999999999). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUMBER_VALUE_5 or NUMVALUE5 (historical name), Fifth Number Value (caption), Number_Value_5 (attribute name), and NUMVALUE5 (column name).

Fifth String Column Name

The name of the fifth string type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_NAME_5 or STRNAME5 (historical name), Fifth String Column Name (caption), String_Name_5 (attribute name), and STRNAME5 (column name).

Fifth String Value

The fifth string value in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_VALUE_5 or STRVALUE5 (historical name), Fifth String Value (caption), String_Value_5 (attribute name), and STRVALUE5 (column name).

First Date Column Name

The name of the first datetime type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: DATETIME_NAME_1 or DATENAME1 (historical name), First Date Column Name (caption), Datetime_Name_1 (attribute name), and DATENAME1 (column name).

First Date Value

The first datetime value in the result of the customized SQL execution. The type is timestamp.

The following names are defined for this attribute: DATETIME_VALUE_1 or DATEVALUE1 (historical name), First Date Value (caption), Datetime_Value_1 (attribute name), and DATEVALUE1 (column name).

First Number Column Name

The name of the first number type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: NUMBER_NAME_1 or NUMNAME1 (historical name), First Number Column Name (caption), Number_Name_1 (attribute name), and NUMNAME1 (column name).

First Number Value

The first number value in the result of the customized SQL execution. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-999999999). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUMBER_VALUE_1 or NUMVALUE1 (historical name), First Number Value (caption), Number_Value_1 (attribute name), and NUMVALUE1 (column name).

First String Column Name

The name of the first string type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_NAME_1 or STRNAME1 (historical name), First String Column Name (caption), String_Name_1 (attribute name), and STRNAME1 (column name).

First String Value

The first string value in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_VALUE_1 or STRVALUE1 (historical name), First String Value (caption), String_Value_1 (attribute name), and STRVALUE1 (column name).

Fourth Number Column Name

The name of the fourth number type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: NUMBER_NAME_4 or NUMNAME4 (historical name), Fourth Number Column Name (caption), Number_Name_4 (attribute name), and NUMNAME4 (column name).

Fourth Number Value

The fourth number value in the result of the customized SQL execution. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-999999999). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUMBER_VALUE_4 or NUMVALUE4 (historical name), Fourth Number Value (caption), Number_Value_4 (attribute name), and NUMVALUE4 (column name).

Fourth String Column Name

The name of the fourth string type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_NAME_4 or STRNAME4 (historical name), Fourth String Column Name (caption), String_Name_4 (attribute name), and STRNAME4 (column name).

Fourth String Value

The fourth string value in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_VALUE_4 or STRVALUE4 (historical name), Fourth String Value (caption), String_Value_4 (attribute name), and STRVALUE4 (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Second Date Column Name

The name of the second datetime type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: DATETIME_NAME_2 or DATENAME2 (historical name), Second Date Column Name (caption), Datetime_Name_2 (attribute name), and DATENAME2 (column name).

Second Date Value

The second datetime value in the result of the customized SQL execution. The type is timestamp.

The following names are defined for this attribute: DATETIME_VALUE_2 or DATEVALUE2 (historical name), Second Date Value (caption), Datetime_Value_2 (attribute name), and DATEVALUE2 (column name).

Second Number Column Name

The name of the second number type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: NUMBER_NAME_2 or NUMNAME2 (historical name), Second Number Column Name (caption), Number_Name_2 (attribute name), and NUMNAME2 (column name).

Second Number Value

The second number value in the result of the customized SQL execution. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-999999999). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUMBER_VALUE_2 or NUMVALUE2 (historical name), Second Number Value (caption), Number_Value_2 (attribute name), and NUMVALUE2 (column name).

Second String Column Name

The name of the second string type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_NAME_2 or STRNAME2 (historical name), Second String Column Name (caption), String_Name_2 (attribute name), and STRNAME2 (column name).

Second String Value

The second string value in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_VALUE_2 or STRVALUE2 (historical name), Second String Value (caption), String_Value_2 (attribute name), and STRVALUE2 (column name).

SQL ID

The SQL ID that is defined in the definition file. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: SQL_ID or SQLID (historical name), SQL ID (caption), SQL_ID (attribute name), and SQLID (column name).

Third Number Column Name

The name of the third number type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: NUMBER_NAME_3 or NUMNAME3 (historical name), Third Number Column Name (caption), Number_Name_3 (attribute name), and NUMNAME3 (column name).

Third Number Value

The third number value in the result of the customized SQL execution. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-999999999). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUMBER_VALUE_3 or NUMVALUE3 (historical name), Third Number Value (caption), Number_Value_3 (attribute name), and NUMVALUE3 (column name).

Third String Column Name

The name of the third string type column in the result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_NAME_3 or STRNAME3 (historical name), Third String Column Name (caption), String_Name_3 (attribute name), and STRNAME3 (column name).

Third String Value

The third string value in result of the customized SQL execution. The type is string.

The following names are defined for this attribute: STRING_VALUE_3 or STRVALUE3 (historical name), Third String Value (caption), String_Value_3 (attribute name), and STRVALUE3 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Customized SQL Status data set

[KUD_Customized_SQL_Status]

This data set contains the following attributes:

DB Alias

Database alias name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_ALIAS or DBALIAS (historical name), DB Alias (caption), DB_Alias (attribute name), and DBALIAS (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Last Execution Error Code

The native error code returned by DB2 for the last SQL execution The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Maximum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_EXECUTION_ERROR_CODE or LASTERROR (historical name), Last Execution Error Code (caption), Last_Execution_Error_Code (attribute name), and LASTERROR (column name).

Last Execution Error Message

The error message returned by DB2 for the last SQL execution The type is string.

The following names are defined for this attribute: LAST_EXECUTION_ERROR_MESSAGE or LASTERRMSG (historical name), Last Execution Error Message (caption), Last_Execution_Error_Message (attribute name), and LASTERRMSG (column name).

Last Execution Time

The timestamp that the last SQL executed The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_EXECUTION_TIME or LASTETIME (historical name), Last Execution Time (caption), Last_Execution_Time (attribute name), and LASTETIME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

SQL ID

The SQL ID that is defined in the definition file This attribute is a key attribute. The type is string.

The following names are defined for this attribute: SQL_ID or SQLID (historical name), SQL ID (caption), SQL_ID (attribute name), and SQLID (column name).

SQL State

The SQL STATE returned by DB2 for the last SQL execution The type is string.

The following names are defined for this attribute: SQL_STATE or SQLSTATE (historical name), SQL State (caption), SQL_State (attribute name), and SQLSTATE (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Database00 data set

[KUD_DB2_Database00] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italics* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Active Sorts

sorts currently active The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACTIVE_SORTS or ACSRT (historical name), *Active Sorts* (caption), active_sorts (attribute name), and ACSRT (column name).

Appls Cur Cons

Appls currently connected The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLS_CUR_CONS or APCCN (historical name), *Appls Cur Cons* (caption), appls_cur_cons (attribute name), and APCCN (column name).

Avg Lock Wait Time

average lock wait time in seconds The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCK_WAIT_TIME or AVLWT (historical name), *Avg Lock Wait Time* (caption), avg_lock_wait_time (attribute name), and AVLWT (column name).

Avg Sort Time

average sort time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SORT_TIME or AVST (historical name), *Avg Sort Time* (caption), avg_sort_time (attribute name), and AVST (column name).

Cat Cache Hit Ratio

Percentage of catalog sections found in cache. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HIT_RATIO or CCHRAT (historical name), *Cat Cache Hit Ratio* (caption), cat_cache_hit_ratio (attribute name), and CCHRAT (column name).

CPU Used

The percentage of CPU used on the system by database The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CPU_USAGE_PCT or DBCPUP (historical name), *CPU Used* (caption), db_cpu_usage_pct (attribute name), and DBCPUP (column name).

Database Status

The status of the database. The database with at least one active connection is considered as 'Active' whereas the healthy database having zero active connections is defined as in 'Stopped' state. The critical databases are considered as 'InActive'. The type is string with enumerated values. The following values are defined: Quiesce Pending (Quiesce_Pending), Roll Forward (Roll_Forward), Active (Active), Quiesced (Quiesced), Active Standby (Active_Standby), SUSPEND IO IN PROGRESS (SUSPEND_IO_IN_PROGRESS), SUSPEND IO ACTIVE (SUSPEND_IO_ACTIVE), SUSPEND UNKNOWN (SUSPEND_UNKNOWN), Standby (Standby), Unknown (Unknown), Inactive (InActive), Stopped (Stopped). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DBASE_STATUS or DBSTAT (historical name), *Database Status* (caption), dbase_status (attribute name), and DBSTAT (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), *DB Name* (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), *DB Partition* (caption), db_partition (attribute name), and PRTNNO (column name).

Deadlocks

Deadlocks since 1st db connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS or DDLK (historical name), *Deadlocks* (caption), deadlocks (attribute name), and DDLK (column name).

Direct Reads

direct reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or DIRRD (historical name), *Direct Reads* (caption), direct_reads (attribute name), and DIRRD (column name).

Direct Writes

direct writes since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or DWGIT (historical name), *Direct Writes* (caption), direct_writes (attribute name), and DWGIT (column name).

Failed SQL Stmts

of Failed SQL stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS or FSTM (historical name), *Failed SQL Stmts* (caption), failed_sql_stmts (attribute name), and FSTM (column name).

Instance Hostname

The format is instanceid:hostname for all operating systems The type is string.

The following names are defined for this attribute: INSTANCE_HOSTNAME or INSTNHOST (historical name), *Instance Hostname* (caption), Instance_HostName (attribute name), and INSTNHOST (column name).

Lock Escals

lock escals since 1st db connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALS or LESC (historical name), *Lock Escals* (caption), lock_escals (attribute name), and LESC (column name).

Lock Timeouts

of lock timeouts since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_TIMEOUTS or LTIO (historical name), *Lock Timeouts* (caption), lock_timeouts (attribute name), and LTIO (column name).

Lock Wait Time

Total time dbase waited on locks in seconds The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME or LWTI (historical name), *Lock Wait Time* (caption), lock_wait_time (attribute name), and LWTI (column name).

Lock Waits

Lock waits since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS or LKWT (historical name), *Lock Waits* (caption), lock_waits (attribute name), and LKWT (column name).

Locks Held

Locks currently held The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_HELD or LHLD (historical name), *Locks Held* (caption), locks_held (attribute name), and LHLD (column name).

Locks Waiting

Agents currently waiting on locks The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_WAITING or LWTNG (historical name), *Locks Waiting* (caption), locks_waiting (attribute name), and LWTNG (column name).

Longest Lock Wait Time

Longest Lock waiting time among waiting applications. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LONGEST_LOCK_WAIT_TIME or LNGLCKWT (historical name), *Longest Lock Wait Time* (caption), longest_lock_wait_time (attribute name), and LNGLCKWT (column name).

Maximum Connection

Maximum Allowed Connection The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXIMUM_CONNECTION or MAXCON (historical name), *Maximum Connection* (caption), maximum_connection (attribute name), and MAXCON (column name).

Memory Used Percent

The percentage of Memory used on the system by database The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_MEM_USAGE_PCT or DBMEMP (historical name), *Memory Used Percent* (caption), db_mem_usage_pct (attribute name), and DBMEMP (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Pkg Cache Hit Ratio

The percentage of package sections that were found in cache. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_HIT_RATIO or PCHRAT (historical name), *Pkg Cache Hit Ratio* (caption), pkg_cache_hit_ratio (attribute name), and PCHRAT (column name).

Pool Hit Ratio

The sum of Pool Data Logical Reads and Pool Index Logical Reads attributes is divided by the value of Pool Total Reads attribute to derive the pool hit ratio. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO or PLHR (historical name), *Pool Hit Ratio* (caption), pool_hit_ratio (attribute name), and PLHR (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or PLIPR (historical name), *Pool Index P Reads* (caption), pool_index_p_reads (attribute name), and PLIPR (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or PLIW (historical name), *Pool Index Writes* (caption), pool_index_writes (attribute name), and PLIW (column name).

Pool Total Reads

The total number of read requests that required I/O to get data pages and index pages into the buffer pool. The value format is integer. This attribute is the total of Pool Data Physical Reads and Pool Index Physical Reads attributes. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS or PLTLR (historical name), *Pool Total Reads* (caption), pool_total_reads (attribute name), and PLTLR (column name).

Pool Total Writes

The total number of write requests. The value format is integer. This attribute is the total of Pool Data Writes and Pool Index Writes attributes. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES or PLTLW (historical name), *Pool Total Writes* (caption), pool_total_writes (attribute name), and PLTLW (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), *Snapshot Timestamp* (caption), snapshot_time (attribute name), and SSTIME (column name).

Sort Heap Allocated

Total sort heap allocated The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_HEAP_ALLOCATED or SHALLC (historical name), *Sort Heap Allocated* (caption), sort_heap_allocated (attribute name), and SHALLC (column name).

Sort Overflows Percent

sort overflow percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOW_PCT or SOFP (historical name), *Sort Overflows Percent* (caption), sort_overflows_pct (attribute name), and SOFP (column name).

Sort Overflows

number of sort overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOW or SOFL (historical name), *Sort Overflows* (caption), sort_overflows (attribute name), and SOFL (column name).

SQL Stmts Failed Percent

percentage of sql stmts failed The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_STMTS_FAILED_PCT or STMFP (historical name), *SQL Stmts Failed Percent* (caption), sql_stmts_failed_pct (attribute name), and STMFP (column name).

SQL Stmts Rollback Percent

percentage of sql stmts rollback The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_STMTS_ROLLBACK_PCT or SMTRLP (historical name), *SQL Stmts Rollback Percent* (caption), sql_stmts_rollback_pct (attribute name), and SMTRLP (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Total Log Used Percent

The percentage of the log space that is in used the database. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_USED_PCT or TOTLUPCT (historical name), *Total Log Used Percent* (caption), total_log_used_pct (attribute name), and TOTLUPCT (column name).

Total Sort Time

elapsed time spent in sorts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORT_TIME or TLSTI (historical name), *Total Sort Time* (caption), total_sort_time (attribute name), and TLSTI (column name).

Total Sorts

number of sorts since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORTS or TLSRT (historical name), *Total Sorts* (caption), total_sorts (attribute name), and TLSRT (column name).

Transaction Per Min

The transaction per minute. The type is integer (64-bit gauge).

The following names are defined for this attribute: TRANSACTION_PER_MIN or TRANPERMIN (historical name), *Transaction Per Min* (caption), Transaction_per_min (attribute name), and TRANPERMIN (column name).

Agents Top

max # of agents associated at once with appls connected to this db The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_TOP or AGTP (historical name), Agents Top (caption), agents_top (attribute name), and AGTP (column name).

Avg Pool Read Time

average bufferpool read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or AVPRT (historical name), Avg Pool Read Time (caption), avg_pool_read_time (attribute name), and AVPRT (column name).

Avg Pool Write Time

average bufferpool write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or AVPWT (historical name), Avg Pool Write Time (caption), avg_pool_write_time (attribute name), and AVPWT (column name).

Cat Cache Heap Full

of overflows due to db heap full The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HEAP_FULL or CCHFUL (historical name), Cat Cache Heap Full (caption), cat_cache_heap_full (attribute name), and CCHFUL (column name).

Cat Cache Inserts

of table descriptors inserted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_INSERTS or CCINS (historical name), Cat Cache Inserts (caption), cat_cache_inserts (attribute name), and CCINS (column name).

Cat Cache Lookups

of table descriptor lookups The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_LOOKUPS or CCLUP (historical name), Cat Cache Lookups (caption), cat_cache_lookups (attribute name), and CCLUP (column name).

Cat Cache Overflows

of catalog cache overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_OVERFLOWS or CCOFL (historical name), Cat Cache Overflows (caption), cat_cache_overflows (attribute name), and CCOFL (column name).

Catalog Node Name

Catalog network node name The type is string.

The following names are defined for this attribute: CATALOG_NODE_NAME or CNDNM (historical name), Catalog Node Name (caption), catalog_node_name (attribute name), and CNDNM (column name).

Commit SQL Stmts

of Commit SQL statements The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMIT_SQL_STMTS or CQSTM (historical name), Commit SQL Stmts (caption), commit_sql_stmts (attribute name), and CQSTM (column name).

Connections Top

high water mark for current connections The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONNECTIONS_TOP or CNNTTP (historical name), Connections Top (caption), connections_top (attribute name), and CNNTTP (column name).

Coord Agents Top

max # of coordinating agents connected to this db. at one time. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COORD_AGENTS_TOP or CRDATP (historical name), Coord Agents Top (caption), coord_agents_top (attribute name), and CRDATP (column name).

DB Conn Timestamp

Time of 1st database connection The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CONN_TIME or CONTI (historical name), DB Conn Timestamp (caption), db_conn_time (attribute name), and CONTI (column name).

DB Location

local or remote to snapshot appl The type is string with enumerated values. The following values are defined: LOCAL (LOCAL), REMOTE (REMOTE), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_LOCATION or DBLOC (historical name), DB Location (caption), db_location (attribute name), and DBLOC (column name).

DB Path

Database Path The type is string.

The following names are defined for this attribute: DB_PATH or DBPTH (historical name), DB Path (caption), db_path (attribute name), and DBPTH (column name).

DDL SQL Stmts

of data definition lang. stmts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_STMTS or DDLSTM (historical name), DDL SQL Stmts (caption), ddl_sql_stmts (attribute name), and DDLSTM (column name).

Direct Read Reqs

direct read requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or DRRQ (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and DRRQ (column name).

Direct Read Time

direct read time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or DRTI (historical name), Direct Read Time (caption), direct_read_time (attribute name), and DRTI (column name).

Direct Write Reqs

direct write requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or DWRQ (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and DWRQ (column name).

Direct Write Time

direct write time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or DWTI (historical name), Direct Write Time (caption), direct_write_time (attribute name), and DWTI (column name).

Dynamic SQL Stmts

of Dynamic SQL statements The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DYNAMIC_SQL_STMTS or DYNSTM (historical name), Dynamic SQL Stmts (caption), dynamic_sql_stmts (attribute name), and DYNSTM (column name).

Files Closed

files closed since first db conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FILES_CLOSED or FLCLS (historical name), Files Closed (caption), files_closed (attribute name), and FLCLS (column name).

Hash Join Overflows

number of hash join overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_OVERFLOWS or HJOFL (historical name), Hash Join Overflows (caption), hash_join_overflows (attribute name), and HJOFL (column name).

Hash Join Small Overflows

small hash join overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_SMALL_OVERFLOWS or HJSOFL (historical name), Hash Join Small Overflows (caption), hash_join_small_overflows (attribute name), and HJSOFL (column name).

Input DB Alias

Input Database Alias The type is string.

The following names are defined for this attribute: INPUT_DB_ALIAS or INDBA (historical name), Input DB Alias (caption), input_db_alias (attribute name), and INDBA (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Int Deadlock Rollbacks

of Rollbacks due to deadlock since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS or IDRBK (historical name), Int Deadlock Rollbacks (caption), int_deadlock_rollbacks (attribute name), and IDRBK (column name).

Int Rollbacks

of int. Rollbacks since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROLLBACKS or IRLBK (historical name), Int Rollbacks (caption), int_rollbacks (attribute name), and IRLBK (column name).

Last Backup

Date/Time of Last Backup The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_BACKUP or LBKPTI (historical name), Last Backup (caption), last_backup (attribute name), and LBKPTI (column name).

Lock List in Use

total lock list memory in use The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_LIST_IN_USE or LLUSE (historical name), Lock List in Use (caption), lock_list_in_use (attribute name), and LLUSE (column name).

Log Reads

of log pages read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_READS or LOGRD (historical name), Log Reads (caption), log_reads (attribute name), and LOGRD (column name).

Log Writes

of log pages written The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_WRITES or LOGWRT (historical name), Log Writes (caption), log_writes (attribute name), and LOGWRT (column name).

Num Assoc Agents

Current number of agents associated with appls connected to this db The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_ASSOC_AGENTS or NOASAG (historical name), Num Assoc Agents (caption), num_assoc_agents (attribute name), and NOASAG (column name).

Pkg Cache Inserts

of sections inserted into cache The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_INSERTS or PCINS (historical name), Pkg Cache Inserts (caption), pkg_cache_inserts (attribute name), and PCINS (column name).

Pkg Cache Lookups

of section lookups The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_LOOKUPS or PCLUP (historical name), Pkg Cache Lookups (caption), pkg_cache_lookups (attribute name), and PCLUP (column name).

Pool Async Data Read Reqs

async read requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READ_REQS or PLADRR (historical name), Pool Async Data Read Reqs (caption), pool_async_data_read_reqs (attribute name), and PLADRR (column name).

Pool Async Data Reads

asynchronous pool data reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READS or PLADR (historical name), Pool Async Data Reads (caption), pool_async_data_reads (attribute name), and PLADR (column name).

Pool Async Data Writes

asynchronous pool data writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_WRITES or PLADW (historical name), Pool Async Data Writes (caption), pool_async_data_writes (attribute name), and PLADW (column name).

Pool Async Index Reads

asynchronous pool index reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READS or PLAIR (historical name), Pool Async Index Reads (caption), pool_async_index_reads (attribute name), and PLAIR (column name).

Pool Async Index Writes

asynchronous pool index writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_WRITES or PLAIW (historical name), Pool Async Index Writes (caption), pool_async_index_writes (attribute name), and PLAIW (column name).

Pool Async Read Time

total async read time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_READ_TIME or PLARTI (historical name), Pool Async Read Time (caption), pool_async_read_time (attribute name), and PLARTI (column name).

Pool Async Write Time

total async write time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_WRITE_TIME or PLAWT (historical name), Pool Async Write Time (caption), pool_async_write_time (attribute name), and PLAWT (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or PLDFE (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and PLDFE (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or PLDLR (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and PLDLR (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or PLDPR (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and PLDPR (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or PLDTE (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and PLDTE (column name).

Pool Data Writes

pool data writes since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or PLDW (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and PLDW (column name).

Pool Drty Pg Steal Clns

dirty page steal cleaner trig. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DRTY_PG_STEAL_CLNS or PLDPSC (historical name), Pool Drty Pg Steal Clns (caption), pool_drty_pg_steal_clns (attribute name), and PLDPSC (column name).

Pool Drty Pg Thrsh Clns

dirty list threshold cln trig. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DRTY_PG_THRSH_CLNS or PLDPTC (historical name), Pool Drty Pg Thrsh Clns (caption), pool_drty_pg_thrsh_clns (attribute name), and PLDPTC (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or PLIFE (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and PLIFE (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or PLILR (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and PLILR (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or PLITE (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and PLITE (column name).

Pool LSN Gap Clns

LSN Gap cleaner triggers The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_LSN_GAP_CLNS or PLLGC (historical name), Pool LSN Gap Clns (caption), pool_lsn_gap_clns (attribute name), and PLLGC (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or PLRTI (historical name), Pool Read Time (caption), pool_read_time (attribute name), and PLRTI (column name).

Pool Sync Data Reads

sync data read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_READS or PLSDR (historical name), Pool Sync Data Reads (caption), pool_sync_data_reads (attribute name), and PLSDR (column name).

Pool Sync Index Reads

sync index read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_READS or PLSIR (historical name), Pool Sync Index Reads (caption), pool_sync_index_reads (attribute name), and PLSIR (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or PLWT (historical name), Pool Write Time (caption), pool_write_time (attribute name), and PLWT (column name).

Rollback SQL Stmts

of Rollback SQL stmts since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLBACK_SQL_STMTS or RBSTM (historical name), Rollback SQL Stmts (caption), rollback_sql_stmts (attribute name), and RBSTM (column name).

Rows Deleted

of Rows Deleted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_DELETED or RWDEL (historical name), Rows Deleted (caption), rows_deleted (attribute name), and RWDEL (column name).

Rows Inserted

of Rows Inserted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_INSERTED or RWINS (historical name), Rows Inserted (caption), rows_inserted (attribute name), and RWINS (column name).

Rows Selected

of Rows Selected The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_SELECTED or RWSEL (historical name), Rows Selected (caption), rows_selected (attribute name), and RWSEL (column name).

Rows Updated

of Rows Updated The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_UPDATED or RWUPD (historical name), Rows Updated (caption), rows_updated (attribute name), and RWUPD (column name).

Sec Log Used Top

The maximum amount of secondary log space that has been used The value format is integer. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOG_USED_TOP or SLGUTP (historical name), Sec Log Used Top (caption), sec_log_used_top (attribute name), and SLGUTP (column name).

Sec Logs Allocated

Number of secondary logs allocated The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOGS_ALLOCATED or SLGALLC (historical name), Sec Logs Allocated (caption), sec_logs_allocated (attribute name), and SLGALLC (column name).

Select SQL Stmts

of SQL select stmts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SELECT_SQL_STMTS or SQSTM (historical name), Select SQL Stmts (caption), select_sql_stmts (attribute name), and SQSTM (column name).

Server Platform

OS on which dbm runs The type is string.

The following names are defined for this attribute: SERVER_PLATFORM or SVRPLT (historical name), Server Platform (caption), server_platform (attribute name), and SVRPLT (column name).

Static SQL Stmts

of Static SQL stmts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATIC_SQL_STMTS or STCSTM (historical name), Static SQL Stmts (caption), static_sql_stmts (attribute name), and STCSTM (column name).

Total Cons

Connects since 1st db connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_CONS or TLCNS (historical name), Total Cons (caption), total_cons (attribute name), and TLCNS (column name).

Total Hash Joins

number of hash joins The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_JOINS or TLHJN (historical name), Total Hash Joins (caption), total_hash_joins (attribute name), and TLHJN (column name).

Total Hash Loops

number of hash loops The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_LOOPS or TLHLP (historical name), Total Hash Loops (caption), total_hash_loops (attribute name), and TLHLP (column name).

Total Log Used Top

maximum amount of total log space (in bytes) that has been used. The value format is integer. Use this attribute to evaluate the amount of primary log space that is allocated. Comparing the value of this attribute with the amount of primary log space that is allocated can help you to evaluate the configuration parameter settings. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_LOG_USED_TOP or TLLUTP (historical name), Total Log Used Top (caption), tot_log_used_top (attribute name), and TLLUTP (column name).

Total Sec Cons

Secondary connects since 1st database connection The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SEC_CONS or TLSCON (historical name), Total Sec Cons (caption), total_sec_cons (attribute name), and TLSCON (column name).

Total SQL Stmts

of update/insert/delete stmts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SQL_STMTS or TLSTM (historical name), Total SQL Stmts (caption), total_sql_stmts (attribute name), and TLSTM (column name).

UID SQL Stmts

of update/insert/delete stmts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_STMTS or UIDSTM (historical name), UID SQL Stmts (caption), uid_sql_stmts (attribute name), and UIDSTM (column name).

X Lock Escals

X lock escals since 1st db connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: X_LOCK_ESCALS or XLES (historical name), X Lock Escals (caption), x_lock_escal (attribute name), and XLES (column name).

DB2 Database00 (Superseded) data set

Replaced by KUDDBASE00 table.

This data set contains the following attributes:

Active Sorts

sorts currently active The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACTIVE_SORTS or UA35 (historical name), Active Sorts (caption), active_sorts (attribute name), and UA35 (column name).

Agents Top

max # of agents associated at once with appls connected to this db The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_TOP or UA15 (historical name), Agents Top (caption), agents_top (attribute name), and UA15 (column name).

Appl Section Inserts

of sections inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_INSERTS or UA93 (historical name), Appl Section Inserts (caption), appl_section_inserts (attribute name), and UA93 (column name).

Appl Section Lookups

of section lookups The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_LOOKUPS or UA92 (historical name), Appl Section Lookups (caption), appl_section_lookups (attribute name), and UA92 (column name).

Appls Cur Cons

Appls currently connected The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLS_CUR_CONS or UA8 (historical name), Appls Cur Cons (caption), appls_cur_cons (attribute name), and UA8 (column name).

Avg Data Page Read per Async Req

average pages read per async req The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DATA_PAGE_READ_PER_ASYNC_REQ or UA76 (historical name), Avg Data Page Read per Async Req (caption), avg_data_page_read_per_async_req (attribute name), and UA76 (column name).

Avg Lock Wait Time

average lock wait time in seconds The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCK_WAIT_TIME or UA30 (historical name), Avg Lock Wait Time (caption), avg_lock_wait_time (attribute name), and UA30 (column name).

Avg Pool Read Time

average bufferpool read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or UA63 (historical name), Avg Pool Read Time (caption), avg_pool_read_time (attribute name), and UA63 (column name).

Avg Pool Write Time

average bufferpool write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or UA65 (historical name), Avg Pool Write Time (caption), avg_pool_write_time (attribute name), and UA65 (column name).

Avg Sort Time

average sort time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SORT_TIME or UA36 (historical name), Avg Sort Time (caption), avg_sort_time (attribute name), and UA36 (column name).

Avg Sync Read Time

average sync read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_READ_TIME or UA73 (historical name), Avg Sync Read Time (caption), avg_sync_read_time (attribute name), and UA73 (column name).

Avg Sync Write Time

average sync write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_WRITE_TIME or UA75 (historical name), Avg Sync Write Time (caption), avg_sync_write_time (attribute name), and UA75 (column name).

Binds Precompiles

of Binds/Precomps since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BINDS_PRECOMPILES or UA94 (historical name), Binds Precompiles (caption), binds_precompiles (attribute name), and UA94 (column name).

Cat Cache Heap Full

of overflows due to db heap full The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HEAP_FULL or UA118 (historical name), Cat Cache Heap Full (caption), cat_cache_heap_full (attribute name), and UA118 (column name).

Cat Cache Hit Ratio

percentage of catalog sections found in cash (catalog found in cache / cat_cache_lookups) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_HIT_RATIO or UA117 (historical name), Cat Cache Hit Ratio (caption), cat_cache_hit_ratio (attribute name), and UA117 (column name).

Cat Cache Inserts

of table descriptors inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_INSERTS or UA115 (historical name), Cat Cache Inserts (caption), cat_cache_inserts (attribute name), and UA115 (column name).

Cat Cache Lookups

of table descriptor lookups The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_LOOKUPS or UA114 (historical name), Cat Cache Lookups (caption), cat_cache_lookups (attribute name), and UA114 (column name).

Cat Cache Overflows

of catalog cache overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_OVERFLOWS or UA116 (historical name), Cat Cache Overflows (caption), cat_cache_overflows (attribute name), and UA116 (column name).

Catalog Node Name

Catalog network node name The type is string.

The following names are defined for this attribute: CATALOG_NODE_NAME or UA105 (historical name), Catalog Node Name (caption), catalog_node_name (attribute name), and UA105 (column name).

Commit SQL Stmts

of Commit SQL statements The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMIT_SQL_STMTS or UA83 (historical name), Commit SQL Stmts (caption), commit_sql_stmts (attribute name), and UA83 (column name).

Connections Top

high water mark for current connections The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONNECTIONS_TOP or UA19 (historical name), Connections Top (caption), connections_top (attribute name), and UA19 (column name).

Coord Agents Top

max # of coordinating agents connected to this db. at one time. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COORD_AGENTS_TOP or UA16 (historical name), Coord Agents Top (caption), coord_agents_top (attribute name), and UA16 (column name).

Database Status

Data base status The type is string with enumerated values. The following values are defined: Quiesce Pending (Quiesce_Pending), Roll Forward (Roll_Forward), Active (Active), Quiesced (Quiesced), Active Standby (Active_Standby), Standby (Standby), Unknown (Unknown), Inactive (InActive). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DBASE_STATUS or UA4 (historical name), Database Status (caption), dbase_status (attribute name), and UA4 (column name).

DB Conn Time

Time of 1st database connection The type is string.

The following names are defined for this attribute: DB_CONN_TIME or UA5 (historical name), DB Conn Time (caption), db_conn_time (attribute name), and UA5 (column name).

DB Heap Top

high water mark for database heap(bytes) The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_HEAP_TOP or UA20 (historical name), DB Heap Top (caption), db_heap_top (attribute name), and UA20 (column name).

DB Location

local or remote to snapshot appl The type is string with enumerated values. The following values are defined: LOCAL (LOCAL), REMOTE (REMOTE), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_LOCATION or UA17 (historical name), DB Location (caption), db_location (attribute name), and UA17 (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or UA1 (historical name), DB Name (caption), db_name (attribute name), and UA1 (column name).

DB Name (Unicode)

Database name The type is string.

The following names are defined for this attribute: DB_NAME_U or UUA1 (historical name), DB Name (Unicode) (caption), db_name_U (attribute name), and UUA1 (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or UA119 (historical name), DB Partition (caption), db_partition (attribute name), and UA119 (column name).

DB Path

Database Path The type is string.

The following names are defined for this attribute: DB_PATH or UA3 (historical name), DB Path (caption), db_path (attribute name), and UA3 (column name).

DB Path (Unicode)

Database Path The type is string.

The following names are defined for this attribute: DB_PATH_U or UUA3 (historical name), DB Path (Unicode) (caption), db_path_U (attribute name), and UUA3 (column name).

DDL SQL Stmts

of data definition lang. stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_STMTS or UA87 (historical name), DDL SQL Stmts (caption), ddl_sql_stmts (attribute name), and UA87 (column name).

Deadlocks

Deadlocks since 1st db connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS or UA25 (historical name), Deadlocks (caption), deadlocks (attribute name), and UA25 (column name).

Direct Read Reqs

direct read requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or UA79 (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and UA79 (column name).

Direct Read Time

direct read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or UA81 (historical name), Direct Read Time (caption), direct_read_time (attribute name), and UA81 (column name).

Direct Reads

direct reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or UA77 (historical name), Direct Reads (caption), direct_reads (attribute name), and UA77 (column name).

Direct Write Reqs

direct write requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or UA80 (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and UA80 (column name).

Direct Write Time

direct write time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or UA82 (historical name), Direct Write Time (caption), direct_write_time (attribute name), and UA82 (column name).

Direct Writes

direct writes since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or UA78 (historical name), Direct Writes (caption), direct_writes (attribute name), and UA78 (column name).

Dynamic SQL Stmts

of Dynamic SQL statements The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DYNAMIC_SQL_STMTS or UA84 (historical name), Dynamic SQL Stmts (caption), dynamic_sql_stmts (attribute name), and UA84 (column name).

Failed SQL Stmts

of Failed SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS or UA13 (historical name), Failed SQL Stmts (caption), failed_sql_stmts (attribute name), and UA13 (column name).

Files Closed

files closed since first db conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FILES_CLOSED or UA46 (historical name), Files Closed (caption), files_closed (attribute name), and UA46 (column name).

Hash Join Overflows

number of hash join overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_OVERFLOWES or UA97 (historical name), Hash Join Overflows (caption), hash_join_overflows (attribute name), and UA97 (column name).

Hash Join Small Overflows

small hash join overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HASH_JOIN_SMALL_OVERFLOWES or UA98 (historical name), Hash Join Small Overflows (caption), hash_join_small_overflows (attribute name), and UA98 (column name).

Input DB Alias

Input Database Alias The type is string.

The following names are defined for this attribute: INPUT_DB_ALIAS or UA2 (historical name), Input DB Alias (caption), input_db_alias (attribute name), and UA2 (column name).

Input DB Alias (Unicode)

Input Database Alias The type is string.

The following names are defined for this attribute: INPUT_DB_ALIAS_U or UUA2 (historical name), Input DB Alias (Unicode) (caption), input_db_alias_U (attribute name), and UUA2 (column name).

Instance Name (Unicode)

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or UA120 (historical name), Instance Name (Unicode) (caption), instance_name_U (attribute name), and UA120 (column name).

Int Deadlock Rollbacks

of Rollbacks due to deadlock since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS or UA11 (historical name), Int Deadlock Rollbacks (caption), int_deadlock_rollbacks (attribute name), and UA11 (column name).

Int Rollbacks

of int. Rollbacks since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROLLBACKS or UA10 (historical name), Int Rollbacks (caption), int_rollbacks (attribute name), and UA10 (column name).

Last Backup

Date/Time of Last Backup The type is string.

The following names are defined for this attribute: LAST_BACKUP or UA6 (historical name), Last Backup (caption), last_backup (attribute name), and UA6 (column name).

Lock Escals

lock escals since 1st db connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALS or UA26 (historical name), Lock Escals (caption), lock_escals (attribute name), and UA26 (column name).

Lock List in Use

total lock list memory in use The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_LIST_IN_USE or UA24 (historical name), Lock List in Use (caption), lock_list_in_use (attribute name), and UA24 (column name).

Lock Timeouts

of lock timeouts since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_TIMEOUTS or UA29 (historical name), Lock Timeouts (caption), lock_timeouts (attribute name), and UA29 (column name).

Lock Wait Time

Total time dbase waited on locks in seconds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME or UA23 (historical name), Lock Wait Time (caption), lock_wait_time (attribute name), and UA23 (column name).

Lock Waits

Lock waits since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS or UA22 (historical name), Lock Waits (caption), lock_waits (attribute name), and UA22 (column name).

Locks Held

Locks currently held The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_HELD or UA21 (historical name), Locks Held (caption), locks_held (attribute name), and UA21 (column name).

Locks Waiting

Agents currently waiting on locks The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_WAITING or UA28 (historical name), Locks Waiting (caption), locks_waiting (attribute name), and UA28 (column name).

Log Reads

of log pages read The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_READS or UA109 (historical name), Log Reads (caption), log_reads (attribute name), and UA109 (column name).

Log Writes

of log pages written The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_WRITES or UA110 (historical name), Log Writes (caption), log_writes (attribute name), and UA110 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Num Assoc Agents

Current number of agents associated with appls connected to this db The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_ASSOC_AGENTS or UA104 (historical name), Num Assoc Agents (caption), num_assoc_agents (attribute name), and UA104 (column name).

Pkg Cache Hit Ratio

percentage of pkg sections found in cash (package found in cache / pkg_cache_lookups) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_HIT_RATIO or UA113 (historical name), Pkg Cache Hit Ratio (caption), pkg_cache_hit_ratio (attribute name), and UA113 (column name).

Pkg Cache Inserts

of sections inserted into cache The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_INSERTS or UA112 (historical name), Pkg Cache Inserts (caption), pkg_cache_inserts (attribute name), and UA112 (column name).

Pkg Cache Lookups

of section lookups The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_LOOKUPS or UA111 (historical name), Pkg Cache Lookups (caption), pkg_cache_lookups (attribute name), and UA111 (column name).

Pool Async Data Read Reqs

async read requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READ_REQS or UA57 (historical name), Pool Async Data Read Reqs (caption), pool_async_data_read_reqs (attribute name), and UA57 (column name).

Pool Async Data Reads

asynchronous pool data reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READS or UA52 (historical name), Pool Async Data Reads (caption), pool_async_data_reads (attribute name), and UA52 (column name).

Pool Async Data Writes

asynchronous pool data writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_WRITES or UA53 (historical name), Pool Async Data Writes (caption), pool_async_data_writes (attribute name), and UA53 (column name).

Pool Async Index Reads

asynchronous pool index reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READS or UA47 (historical name), Pool Async Index Reads (caption), pool_async_index_reads (attribute name), and UA47 (column name).

Pool Async Index Writes

asynchronous pool index writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_WRITES or UA54 (historical name), Pool Async Index Writes (caption), pool_async_index_writes (attribute name), and UA54 (column name).

Pool Async Read Time

total async read time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_READ_TIME or UA55 (historical name), Pool Async Read Time (caption), pool_async_read_time (attribute name), and UA55 (column name).

Pool Async Write Time

total async write time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_WRITE_TIME or UA56 (historical name), Pool Async Write Time (caption), pool_async_write_time (attribute name), and UA56 (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or UA51 (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and UA51 (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or UA38 (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and UA38 (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or UA39 (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and UA39 (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or UA48 (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and UA48 (column name).

Pool Data Writes

pool data writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or UA40 (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and UA40 (column name).

Pool Drty Pg Steal Clns

dirty page steal cleaner trig. The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DRTY_PG_STEAL_CLNS or UA59 (historical name), Pool Drty Pg Steal Clns (caption), pool_drty_pg_steal_clns (attribute name), and UA59 (column name).

Pool Drty Pg Thrsh Clns

dirty list threshold cln trig. The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DRTY_PG_THRSH_CLNS or UA60 (historical name), Pool Drty Pg Thrsh Clns (caption), pool_drty_pg_thrsh_clns (attribute name), and UA60 (column name).

Pool Hit Ratio

bufferpool hit ratio ($\text{pool_data_l_reads} + \text{pool_index_l_reads} / \text{pool_total_reads}$) The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO or UA62 (historical name), Pool Hit Ratio (caption), pool_hit_ratio (attribute name), and UA62 (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or UA50 (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and UA50 (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or UA41 (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and UA41 (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or UA42 (historical name), Pool Index P Reads (caption), pool_index_p_reads (attribute name), and UA42 (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or UA49 (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and UA49 (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or UA43 (historical name), Pool Index Writes (caption), pool_index_writes (attribute name), and UA43 (column name).

Pool LSN Gap Clns

LSN Gap cleaner triggers The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_LSN_GAP_CLNS or UA58 (historical name), Pool LSN Gap Clns (caption), pool_lsn_gap_clns (attribute name), and UA58 (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or UA44 (historical name), Pool Read Time (caption), pool_read_time (attribute name), and UA44 (column name).

Pool Sync Data Reads

sync data read The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_READS or UA66 (historical name), Pool Sync Data Reads (caption), pool_sync_data_reads (attribute name), and UA66 (column name).

Pool Sync Data Writes

sync data write The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_WRITES or UA69 (historical name), Pool Sync Data Writes (caption), pool_sync_data_writes (attribute name), and UA69 (column name).

Pool Sync Index Reads

sync index read The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_READS or UA67 (historical name), Pool Sync Index Reads (caption), pool_sync_index_reads (attribute name), and UA67 (column name).

Pool Sync Index Writes

sync index write The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_WRITES or UA70 (historical name), Pool Sync Index Writes (caption), pool_sync_index_writes (attribute name), and UA70 (column name).

Pool Sync Read

sync read The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ or UA68 (historical name), Pool Sync Read (caption), pool_sync_read (attribute name), and UA68 (column name).

Pool Sync Read Time

sync read time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ_TIME or UA72 (historical name), Pool Sync Read Time (caption), pool_sync_read_time (attribute name), and UA72 (column name).

Pool Sync Write

sync index write The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE or UA71 (historical name), Pool Sync Write (caption), pool_sync_write (attribute name), and UA71 (column name).

Pool Sync Write Time

sync write time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE_TIME or UA74 (historical name), Pool Sync Write Time (caption), pool_sync_write_time (attribute name), and UA74 (column name).

Pool Total Reads

total bufferpool reads (pool_data_p_reads + pool_index_p_reads) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS or UA61 (historical name), Pool Total Reads (caption), pool_total_reads (attribute name), and UA61 (column name).

Pool Total Writes

total bufferpool writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES or UA64 (historical name), Pool Total Writes (caption), pool_total_writes (attribute name), and UA64 (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or UA45 (historical name), Pool Write Time (caption), pool_write_time (attribute name), and UA45 (column name).

Prefetch Wait Time

Time waited for prefetch (ms) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_WAIT_TIME or UA14 (historical name), Prefetch Wait Time (caption), prefetch_wait_time (attribute name), and UA14 (column name).

Rollback SQL Stmts

of Rollback SQL stmts since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLBACK_SQL_STMTS or UA12 (historical name), Rollback SQL Stmts (caption), rollback_sql_stmts (attribute name), and UA12 (column name).

Rows Deleted

of Rows Deleted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_DELETED or UA99 (historical name), Rows Deleted (caption), rows_deleted (attribute name), and UA99 (column name).

Rows Inserted

of Rows Inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_INSERTED or UA100 (historical name), Rows Inserted (caption), rows_inserted (attribute name), and UA100 (column name).

Rows Selected

of Rows Selected The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_SELECTED or UA102 (historical name), Rows Selected (caption), rows_selected (attribute name), and UA102 (column name).

Rows Updated

of Rows Updated The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_UPDATED or UA101 (historical name), Rows Updated (caption), rows_updated (attribute name), and UA101 (column name).

Sec Log Used Top

Maximum secondary log space used The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOG_USED_TOP or UA106 (historical name), Sec Log Used Top (caption), sec_log_used_top (attribute name), and UA106 (column name).

Sec Logs Allocated

Number of secondary logs allocated The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOGS_ALLOCATED or UA108 (historical name), Sec Logs Allocated (caption), sec_logs_allocated (attribute name), and UA108 (column name).

Select SQL Stmts

of SQL select stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SELECT_SQL_STMTS or UA86 (historical name), Select SQL Stmts (caption), select_sql_stmts (attribute name), and UA86 (column name).

Server Platform

OS on which dbm runs The type is string.

The following names are defined for this attribute: SERVER_PLATFORM or UA18 (historical name), Server Platform (caption), server_platform (attribute name), and UA18 (column name).

Snapshot Time

Date/Time of snapshot The type is string.

The following names are defined for this attribute: SNAPSHOT_TIME or UA9 (historical name), Snapshot Time (caption), snapshot_time (attribute name), and UA9 (column name).

Sort Heap Allocated

Total sort heap allocated The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_HEAP_ALLOCATED or UA31 (historical name), Sort Heap Allocated (caption), sort_heap_allocated (attribute name), and UA31 (column name).

Sort Overflows

number of sort overflows The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS or UA34 (historical name), Sort Overflows (caption), sort_overflows (attribute name), and UA34 (column name).

Sort Overflows Pct

sort overflow percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOWS_PCT or UA37 (historical name), Sort Overflows Pct (caption), sort_overflows_pct (attribute name), and UA37 (column name).

SQL Stmts Failed Pct

percentage of sql stmts failed The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_STMTS_FAILED_PCT or UA90 (historical name), SQL Stmts Failed Pct (caption), sql_stmts_failed_pct (attribute name), and UA90 (column name).

SQL Stmts Rollback Pct

percentage of sql stmts rollback The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_STMTS_ROLLBACK_PCT or UA91 (historical name), SQL Stmts Rollback Pct (caption), sql_stmts_rollback_pct (attribute name), and UA91 (column name).

Static SQL Stmts

of Static SQL stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATIC_SQL_STMTS or UA85 (historical name), Static SQL Stmts (caption), static_sql_stmts (attribute name), and UA85 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Cons

Connects since 1st db connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_CONS or UA7 (historical name), Total Cons (caption), total_cons (attribute name), and UA7 (column name).

Total Hash Joins

number of hash joins The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_JOINS or UA95 (historical name), Total Hash Joins (caption), total_hash_joins (attribute name), and UA95 (column name).

Total Hash Loops

number of hash loops The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_HASH_LOOPS or UA96 (historical name), Total Hash Loops (caption), total_hash_loops (attribute name), and UA96 (column name).

Total Log Used Top

Maximum total log space used The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_LOG_USED_TOP or UA107 (historical name), Total Log Used Top (caption), tot_log_used_top (attribute name), and UA107 (column name).

Total Sec Cons

Secondary connects since 1st database connection The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SEC_CONS or UA103 (historical name), Total Sec Cons (caption), total_sec_cons (attribute name), and UA103 (column name).

Total Sort Time

elapsed time spent in sorts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORT_TIME or UA33 (historical name), Total Sort Time (caption), total_sort_time (attribute name), and UA33 (column name).

Total Sorts

number of sorts since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SORTS or UA32 (historical name), Total Sorts (caption), total_sorts (attribute name), and UA32 (column name).

Total SQL Stmts

of update/insert/delete stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SQL_STMTS or UA89 (historical name), Total SQL Stmts (caption), total_sql_stmts (attribute name), and UA89 (column name).

UID SQL Stmts

of update/insert/delete stmts The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_STMTS or UA88 (historical name), UID SQL Stmts (caption), uid_sql_stmts (attribute name), and UA88 (column name).

X Lock Escals

X lock escals since 1st db connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: X_LOCK_ESCALS or UA27 (historical name), X Lock Escals (caption), x_lock_escal (attribute name), and UA27 (column name).

DB2 Database01 data set

[KUD_DB2_Database01] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italics* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), *DB Name* (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated

(-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), *DB Partition* (caption), db_partition (attribute name), and PRTNNO (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), *Instance Name* (caption), instance_name (attribute name), and INAME (column name).

Lock Waits Percent

100 * Locks_waiting/appls_cur_cons The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS_PCT or LKWTP (historical name), *Lock Waits Percent* (caption), lock_waits_pct (attribute name), and LKWTP (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Pool Hit Ratio Percent for Interval

Pool hit ratio percent for interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_PCT_FOR_INT or PHRPI (historical name), *Pool Hit Ratio Percent for Interval* (caption), pool_hit_ratio_pct_for_int (attribute name), and PHRPI (column name).

Secondary Log Used Percent

Percent Maximum Secondary Log Space Used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOG_USED_PCT or SLGUP (historical name), *Secondary Log Used Percent* (caption), sec_log_used_pct (attribute name), and SLGUP (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Appl Control Heap Size

Application Control Heap Size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APP_CTL_HEAP_SZ or ACTLHPSZ (historical name), *Appl Control Heap Size* (caption), app_ctl_heap_sz (attribute name), and ACTLHPSZ (column name).

Appl Heap Size

Application Heap Size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLHEAPSZ or APHSZ (historical name), Appl Heap Size (caption), applHeapSz (attribute name), and APHSZ (column name).

Appl Section Inserts

of sections inserted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_INSERTS or APSECIN (historical name), Appl Section Inserts (caption), appl_section_inserts (attribute name), and APSECIN (column name).

Appl Section Lookups

of section lookups The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_SECTION_LOOKUPS or APSUP (historical name), Appl Section Lookups (caption), appl_section_lookups (attribute name), and APSUP (column name).

Appls in DB2

Applications Executing in the Database Currently The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLS_IN_DB2 or APINDB2 (historical name), Appls in DB2 (caption), appls_in_db2 (attribute name), and APINDB2 (column name).

Avg Appls

Average number of active applications The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_APPLS or AVAP (historical name), Avg Appls (caption), avg_appls (attribute name), and AVAP (column name).

Avg Data Page Read per Async Req

average pages read per async req The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DATA_PAGE_READ_PER_ASYNC_REQ or ADPRPASRQ (historical name), Avg Data Page Read per Async Req (caption), avg_data_page_read_per_async_req (attribute name), and ADPRPASRQ (column name).

Avg Direct Read Time

direct_read_time/ direct_reads The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_READ_TIME or AVDRT (historical name), Avg Direct Read Time (caption), avg_direct_read_time (attribute name), and AVDRT (column name).

Avg Direct Write Time

direct_write_time/ direct_writes The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_WRITE_TIME or AVDWT (historical name), Avg Direct Write Time (caption), avg_direct_write_time (attribute name), and AVDWT (column name).

Avg Lock Escal per Conn for Interval

The average lock escalations per connection during the monitoring interval. The value format is an integer. A lock is escalated when the total number of locks held by an application reaches the maximum amount of lock list space available to the application, or the lock list space consumed by all applications is approaching the total lock list space. When an application reaches the maximum number of locks allowed and there are no more locks to escalate, it uses space in the lock list allocated for other applications. When the entire lock list is full, an error occurs. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCK_ESCAL_CON_FOR_INT or AVLECI (historical name), Avg Lock Escal per Conn for Interval (caption), avg_lock_escal_con_for_int (attribute name), and AVLECI (column name).

Avg Locks Held

$100 * \text{Locks_held/appls_cur_cons}$ The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCKS_HELD or AVLHLD (historical name), Avg Locks Held (caption), avg_locks_held (attribute name), and AVLHLD (column name).

Avg Pages per Cleaner for Interval

Average pages per cleaner for interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_PAGES_PER_CLEANER_FOR_INT or AVPCI (historical name), Avg Pages per Cleaner for Interval (caption), avg_pages_per_cleaner_for_int (attribute name), and AVPCI (column name).

Avg Pool Async Data Reads

$\text{pool_async_data_reads} / (\text{pool_data_p_reads} + \text{pool_index_p_reads})$ The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_ASYNC_DATA_READS or AVPADR (historical name), Avg Pool Async Data Reads (caption), avg_pool_async_data_reads (attribute name), and AVPADR (column name).

Avg Pool Async Data Writes

$\text{pool_async_data_writes} / (\text{pool_data_writes} + \text{pool_index_writes})$ The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_ASYNC_DATA_WRITES or AVPADW (historical name), Avg Pool Async Data Writes (caption), avg_pool_async_data_writes (attribute name), and AVPADW (column name).

Avg Pool I/O Time

Average pool input/output time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_IO_TIME or AVPIOT (historical name), Avg Pool I/O Time (caption), avg_pool_io_time (attribute name), and AVPIOT (column name).

Avg Pool Writes per Read

$\text{pool_data_writes} + \text{pool_index_writes} / (\text{pool_data_p_reads} + \text{pool_index_p_reads})$ The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds

Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITES_PER_READ or AVPWPR (historical name), Avg Pool Writes per Read (caption), avg_pool_writes_per_read (attribute name), and AVPWPR (column name).

Avg Sect Read per Direct Read

direct_reads / direct_read_reqs The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_READ_PER_DIRECT_READ or AVSRPDR (historical name), Avg Sect Read per Direct Read (caption), avg_sect_read_per_direct_read (attribute name), and AVSRPDR (column name).

Avg Sect Written per Direct Write

direct_writes / direct_write_reqs The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_WRITTEN_PER_DIRECT_WRITE or AVSWPDW (historical name), Avg Sect Written per Direct Write (caption), avg_sect_written_per_direct_write (attribute name), and AVSWPDW (column name).

Avg Sync I/O Time

Average synchronous input/output time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_IO_TIME or AVSIOT (historical name), Avg Sync I/O Time (caption), avg_sync_io_time (attribute name), and AVSIOT (column name).

Avg Sync Read Time

average sync read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_READ_TIME or AVSYT (historical name), Avg Sync Read Time (caption), avg_sync_read_time (attribute name), and AVSYT (column name).

Avg Sync Write Time

average sync write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_WRITE_TIME or AVSWT (historical name), Avg Sync Write Time (caption), avg_sync_write_time (attribute name), and AVSWT (column name).

Binds Precompiles

of Binds/Precomps since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BINDS_PRECOMPILES or BPCMP (historical name), Binds Precompiles (caption), binds_precompiles (attribute name), and BPCMP (column name).

Buff Page

Value in pages of the default buffer pool The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFFPAGE or BUFPG (historical name), Buff Page (caption), buffpage (attribute name), and BUFPG (column name).

Catalog Cache Size

Catalog cache size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CATALOGCACHE_SZ or CLCSZ (historical name), Catalog Cache Size (caption), catalogcache_sz (attribute name), and CLCSZ (column name).

Change Pages Threshold

Changed pages threshold The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CHNGPGS_THRESH or CPTHRS (historical name), Change Pages Threshold (caption), chngpgs_thresh (attribute name), and CPTHRS (column name).

Commit Stmts per Sec

number of commit statements per second The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMIT_STMTS_PER_SEC or CSSEC (historical name), Commit Stmts per Sec (caption), commit_stmts_per_sec (attribute name), and CSSEC (column name).

Cur Cons Percent

Percent of applications currently connected The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CUR_CONS_PCT or CURCP (historical name), Cur Cons Percent (caption), cur_cons_pct (attribute name), and CURCP (column name).

Current Primary Log Used Percent

Percent of current primary log space used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CURR_PRI_LOG_USED_PCT or CPLUP (historical name), Current Primary Log Used Percent (caption), curr_pri_log_used_pct (attribute name), and CPLUP (column name).

Current Secondary Log Used Percent

Percent of current secondary log space used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CURR_SEC_LOG_USED_PCT or CSLUP (historical name), Current Secondary Log Used Percent (caption), curr_sec_log_used_pct (attribute name), and CSLUP (column name).

Database Heap

Database heap The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DBHEAP (historical name), Database Heap (caption), dbheap (attribute name), and DBHEAP (column name).

Days Since Last Backup

The numbers of day since the last database backup was completed. The value format is integer. The type is integer (64-bit counter) with enumerated values. The following values are defined: No Backup (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DAYS_SINCE_LAST_BACKUP or DYLBKUP (historical name), Days Since Last Backup (caption), days_since_last_backup (attribute name), and DYLBKUP (column name).

DB Capture Error

Number of errors encountered by the Capture program in last 5 minutes The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CAP_ERR or DBCER (historical name), DB Capture Error (caption), db_cap_err (attribute name), and DBCER (column name).

DB Capture Lag

Current timestamp - last timestamp recorded by the Capture program The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CAP_LAG or DBCLG (historical name), DB Capture Lag (caption), db_cap_lag (attribute name), and DBCLG (column name).

DB Capture Prun

number of rows in the unit-of-work (UOW) table. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CAP_PRUN or DBCPRN (historical name), DB Capture Prun (caption), db_cap_prun (attribute name), and DBCPRN (column name).

DB Heap Top

high water mark for database heap(bytes) The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_HEAP_TOP or DBHTP (historical name), DB Heap Top (caption), db_heap_top (attribute name), and DBHTP (column name).

DB Tablespaces

database tablespaces The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_TABLESPACES or DBTBSP (historical name), DB Tablespaces (caption), db_tablespaces (attribute name), and DBTBSP (column name).

DDL SQL Percent for Interval

ddl sql statement percent for interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_PCT_FOR_INT or DDLPI (historical name), DDL SQL Percent for Interval (caption), ddl_sql_pct_for_int (attribute name), and DDLPI (column name).

Deadlock Rollbacks Percent

The percentage of the total number of rollbacks that were due to deadlock. The value format is integer. The type is real number (32-bit gauge) with two decimal places of precision with enumerated

values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCK_ROLLBACKS_PCT or DDLRP (historical name), Deadlock Rollbacks Percent (caption), deadlock_rollbacks_pct (attribute name), and DDLRP (column name).

Deadlocks for Interval

Number of deadlocks for the interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS_FOR_INT or DDLINT (historical name), Deadlocks for Interval (caption), deadlocks_for_int (attribute name), and DDLINT (column name).

Estore Read/Write Ratio for Interval

Extended storage read/write ratio for interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ESTORE_RW_RATIO_FOR_INT or ESRWRATI (historical name), Estore Read/Write Ratio for Interval (caption), estore_rw_ratio_for_int (attribute name), and ESRWRATI (column name).

Event Monitors

number of event monitors The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_MONITORS or EVMON (historical name), Event Monitors (caption), event_monitors (attribute name), and EVMON (column name).

Failed SQL Stmts Percent for Interval

The percentage of total Structured Query Language statements that failed during the monitoring interval. The value format is integer. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS_PCT_FOR_INT or FQPI (historical name), Failed SQL Stmts Percent for Interval (caption), failed_sql_stmts_pct_for_int (attribute name), and FQPI (column name).

Internal Auto Rebinds

Internal Automatic Rebinds The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_AUTO_REBINDS or IARB (historical name), Internal Auto Rebinds (caption), int_auto_rebinds (attribute name), and IARB (column name).

Internal Commits

Internal Commits The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_COMMITS or ICMT (historical name), Internal Commits (caption), int_commits (attribute name), and ICMT (column name).

Internal Deadlock Rollbacks Percent

internal deadlock rollbacks percent The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS_PCT or IDRCHKP (historical name), Internal Deadlock Rollbacks Percent (caption), int_deadlock_rollbacks_pct (attribute name), and IDRCHKP (column name).

Internal Deadlock Rollbacks Percent for Interval

internal deadlock rollbacks percent for the interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS_PCT_FOR_INT or IDRCHKPI (historical name), Internal Deadlock Rollbacks Percent for Interval (caption), int_deadlock_rollbacks_pct_for_int (attribute name), and IDRCHKPI (column name).

Internal Rows Deleted

Internal Rows Deleted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_DELETED or IRDEL (historical name), Internal Rows Deleted (caption), int_rows_deleted (attribute name), and IRDEL (column name).

Internal Rows Inserted

Internal Rows Inserted The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_INSERTED or IRINS (historical name), Internal Rows Inserted (caption), int_rows_inserted (attribute name), and IRINS (column name).

Internal Rows Updated

Internal Rows Updated The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_UPDATED or IRUPD (historical name), Internal Rows Updated (caption), int_rows_updated (attribute name), and IRUPD (column name).

Invalid Packages

number of invalid packages The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INVALID_PKGS or IPKG (historical name), Invalid Packages (caption), invalid_pkgs (attribute name), and IPKG (column name).

Invalid System Packages

number of invalid system packages The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INVALID_SYS_PKGS or ISPKG (historical name), Invalid System Packages (caption), invalid_sys_pkgs (attribute name), and ISPKG (column name).

Invalid Triggers

number of invalid triggers The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INVALID_TRIGGERS or ITRIG (historical name), Invalid Triggers (caption), invalid_triggers (attribute name), and ITRIG (column name).

Lock Escalation for Interval

The total number of lock escalations for applications connected to this database during the monitoring interval. Exclusive lock escalations are included in this number. Use the returned value to help you evaluate the settings of the LOCKLIST and MAXLOCKS configuration parameters. Lock escalations can result in a decrease in concurrency between applications connected to a database. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALATION_FOR_INT or LESCI (historical name), Lock Escalation for Interval (caption), lock_escalation_for_int (attribute name), and LESCI (column name).

Lock List

Maximum storage for lock list The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKLIST or LKLST (historical name), Lock List (caption), locklist (attribute name), and LKLST (column name).

Lock List in Use Percent

Percent total Lock List Memory In Use The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_LIST_IN_USE_PCT or LKLUP (historical name), Lock List in Use Percent (caption), lock_list_in_use_pct (attribute name), and LKLUP (column name).

lock Timeouts for Interval

The number of times that a request to lock an object timed out instead of being granted during the monitoring interval. The value format is integer The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_TIMEOUTS_FOR_INT or LTOUTI (historical name), lock Timeouts for Interval (caption), lock_timeouts_for_int (attribute name), and LTOUTI (column name).

Lock Waits for Interval

lock waits for the interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS_FOR_INT or LKWTI (historical name), Lock Waits for Interval (caption), lock_waits_for_int (attribute name), and LKWTI (column name).

Log Buffer Size

Log buffer size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGBUFSZ or LBFSZ (historical name), Log Buffer Size (caption), logbufsz (attribute name), and LBFSZ (column name).

Log I/O for Interval

Log input/output for interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_IO_FOR_INT or LOGIOI (historical name), Log I/O for Interval (caption), log_io_for_int (attribute name), and LOGIOI (column name).

Log Primary

Number of primary log files The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGPRIMARY or LPRMY (historical name), Log Primary (caption), logprimary (attribute name), and LPRMY (column name).

Max Active Applications

Maximum number of active applications The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXAPPLS or MXAPP (historical name), Max Active Applications (caption), maxappls (attribute name), and MXAPP (column name).

Max Locks

Maximum percent of lock list before escalation The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXLOCKS or MXLK (historical name), Max Locks (caption), maxlocks (attribute name), and MXLK (column name).

Min Commit

Number of commits to group The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MINCOMMIT or MCMT (historical name), Min Commit (caption), mincommit (attribute name), and MCMT (column name).

New Log Path

Change the database log path The type is string.

The following names are defined for this attribute: NEWLOGPATH or NLPTH (historical name), New Log Path (caption), newlogpath (attribute name), and NLPTH (column name).

Num IO Servers

number of i/o servers for a database The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_IOSERVERS or NISVR (historical name), Num IO Servers (caption), num_ioservers (attribute name), and NISVR (column name).

Number of I/O Cleaners

Number of asynchronous page cleaners The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_IOCLEANERS or NICLENR (historical name), Number of I/O Cleaners (caption), num_iocleaners (attribute name), and NICLENR (column name).

Package Cache Size

Package cache size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PCKCACHESZ or PCSZ (historical name), Package Cache Size (caption), pckcachesz (attribute name), and PCSZ (column name).

Page Cleans for Interval

number of page cleans for the interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PAGE_CLEANS_FOR_INTERVAL or PCLNI (historical name), Page Cleans for Interval (caption), page_cleans_for_interval (attribute name), and PCLNI (column name).

Pages per Prefetch for Interval

pages per prefetch for the interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PAGES_PER_PREFETCH_FOR_INT or PPRFI (historical name), Pages per Prefetch for Interval (caption), pages_per_prefetch_for_int (attribute name), and PPRFI (column name).

Pool Hit Ratio Index Percent for Interval

Pool hit ratio index percent for interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_INDEX_PCT_FOR_INT or PHRIPI (historical name), Pool Hit Ratio Index Percent for Interval (caption), pool_hit_ratio_index_pct_for_int (attribute name), and PHRIPI (column name).

Pool I/O per Sec

Pool input/output per second The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_IO_PER_SEC or PLIOPSC (historical name), Pool I/O per Sec (caption), pool_io_per_sec (attribute name), and PLIOPSC (column name).

Pool Sync Data Writes

sync data write The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_WRITES or PLSDW (historical name), Pool Sync Data Writes (caption), pool_sync_data_writes (attribute name), and PLSDW (column name).

Pool Sync Index Reads

pool_index_p_reads-pool_async_index_reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_READS or PLSIR (historical name), Pool Sync Index Reads (caption), pool_sync_index_reads (attribute name), and PLSIR (column name).

Pool Sync Index Writes

sync index write The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_WRITES or PLSIW (historical name), Pool Sync Index Writes (caption), pool_sync_index_writes (attribute name), and PLSIW (column name).

Pool Sync Read

sync read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ or PSYRD (historical name), Pool Sync Read (caption), pool_sync_read (attribute name), and PSYRD (column name).

Pool Sync Read Time

sync read time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_READ_TIME or PLSRTI (historical name), Pool Sync Read Time (caption), pool_sync_read_time (attribute name), and PLSRTI (column name).

Pool Sync Write

sync index write The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE or PSYW (historical name), Pool Sync Write (caption), pool_sync_write (attribute name), and PSYW (column name).

Pool Sync Write Time

sync write time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_WRITE_TIME or PSWTI (historical name), Pool Sync Write Time (caption), pool_sync_write_time (attribute name), and PSWTI (column name).

Prefetch Wait Time

Time waited for prefetch (ms) The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_WAIT_TIME or PRWTI (historical name), Prefetch Wait Time (caption), prefetch_wait_time (attribute name), and PRWTI (column name).

Primary Log Used Percent

Percent Total Log Space Used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRI_LOG_USED_PCT or PLGUP (historical name), Primary Log Used Percent (caption), pri_log_used_pct (attribute name), and PLGUP (column name).

Primary Log Used Top

Maximum number of primary logs used in MB. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRI_LOG_USED_TOP or PLUTP (historical name), Primary Log Used Top (caption), pri_log_used_top (attribute name), and PLUTP (column name).

Restore Pending

Restore pending The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RESTORE_PENDING or RPNDG (historical name), Restore Pending (caption), restore_pending (attribute name), and RPNDG (column name).

Rollback Rate for Interval

The rate, in rollbacks per second, at which unit-of-work rollbacks were attempted during the monitoring interval. Unit-of-work rollbacks include SQL ROLLBACK statements that are issued from applications and INTERNAL ROLLBACKS that are initiated by the database manager. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLBACK_RATE_FOR_INT or RBKRI (historical name), Rollback Rate for Interval (caption), rollback_rate_for_int (attribute name), and RBKRI (column name).

Select SQL Percent for Interval

select sql statement percent for the interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SELECT_SQL_PCT_FOR_INT or SELPI (historical name), Select SQL Percent for Interval (caption), select_sql_pct_for_int (attribute name), and SELPI (column name).

Sequential Detect

Sequential detection flag The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEQDETECT or SDTCT (historical name), Sequential Detect (caption), seqdetect (attribute name), and SDTCT (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), Snapshot Timestamp (caption), snapshot_time (attribute name), and SSTIME (column name).

Sort Heap

Sort heap size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORTHEAP or SRTHP (historical name), Sort Heap (caption), sortheap (attribute name), and SRTHP (column name).

Sort Overflows Percent for Interval

The percentage of application sorts that overflowed during the monitoring interval. The value format is integer. An overflow occurs when a sort has run out of space in the sort heap and requires disk space for temporary storage. If this percentage is high, you might want to adjust the database configuration by increasing the value of sortheap. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOW_PCT_FOR_INT or OFPI (historical name), Sort Overflows Percent for Interval (caption), sort_overflows_pct_for_int (attribute name), and OFPI (column name).

SQL Stmts Rate for Interval

The rate, in executed SQL statements per second, at which SQL statements were executed during the monitoring interval. The value format is integer. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_STMTS_RATE_FOR_INT or STMRTI (historical name), SQL Stmts Rate for Interval (caption), sql_stmts_rate_for_int (attribute name), and STMRTI (column name).

System Tablespaces

number of system tablespaces The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYSTEM_TABLESPACES or SYSTBSP (historical name), System Tablespaces (caption), system_tablespaces (attribute name), and SYSTBSP (column name).

Tables

number of system tables The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLES (historical name), Tables (caption), tables (attribute name), and TABLES (column name).

Tablespaces

number of tablespaces The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACES or TBSP (historical name), Tablespaces (caption), tablespaces (attribute name), and TBSP (column name).

Tablespaces Long Data

number of tablespaces with datatype long The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACES_LONG_DATA or TBSPLDAT (historical name), Tablespaces Long Data (caption), tablespaces_long_data (attribute name), and TBSPLDAT (column name).

Total Direct I/O Time

Total direct input/output time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_DIRECT_IO_TIME or TLDIOTI (historical name), Total Direct I/O Time (caption), tot_direct_io_time (attribute name), and TLDIOTI (column name).

Total Log Used

The total log space used (in bytes) in the database. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_USED or TLLUSD (historical name), Total Log Used (caption), total_log_used (attribute name), and TLLUSD (column name).

Total Pool Phys I/O

total pool physical input/output time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_PHYS_IO or TLPPPIO (historical name), Total Pool Phys I/O (caption), tot_pool_phys_io (attribute name), and TLPPPIO (column name).

Total Pool Phys Read

pool_data_p_reads + pool_index_p_reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_PHYS_READ or TLPLPR (historical name), Total Pool Phys Read (caption), tot_pool_phys_read (attribute name), and TLPLPR (column name).

Total Pool Phys Write

pool_data_writes + pool_index_writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_PHYS_WRITE or TLPLPW (historical name), Total Pool Phys Write (caption), tot_pool_phys_write (attribute name), and TLPLPW (column name).

Total Sync I/O

total synchronous input/output The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_SYNC_IO or TLSIO (historical name), Total Sync I/O (caption), tot_sync_io (attribute name), and TLSIO (column name).

Total Sync I/O Time

total synchronous input/output time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_SYNC_IO_TIME or PLSIOTI (historical name), Total Sync I/O Time (caption), tot_sync_io_time (attribute name), and PLSIOTI (column name).

Triggers

number of triggers The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TRIGGERS or TRIGGR (historical name), Triggers (caption), triggers (attribute name), and TRIGGR (column name).

UID SQL Percent for Interval

uid sql statement percent for the interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_PCT_FOR_INT or UIDPI (historical name), UID SQL Percent for Interval (caption), uid_sql_pct_for_int (attribute name), and UIDPI (column name).

User Indexes

number of user_indexes The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USER_INDEXES or USRIDX (historical name), User Indexes (caption), user_indexes (attribute name), and USRIDX (column name).

Views

number of views The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: VIEWS (historical name), Views (caption), views (attribute name), and VIEWS (column name).

DB2 Database01 (Superseded) data set

Replaced by KUDDBASE01 table.

This data set contains the following attributes:

App Ctl Heap Size

Application Control Heap Size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APP_CTL_HEAP_SZ or UA2 (historical name), App Ctl Heap Size (caption), app_ctl_heap_sz (attribute name), and UA2 (column name).

Appl Heap Size

Application Heap Size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLHEAPSZ or UA3 (historical name), Appl Heap Size (caption), applHeapSz (attribute name), and UA3 (column name).

Appls in DB2

Applications Executing in the Database Currently The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLS_IN_DB2 or UA21 (historical name), Appls in DB2 (caption), appls_in_db2 (attribute name), and UA21 (column name).

Avg Appls

Average number of active applications The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_APPLS or UA4 (historical name), Avg Appls (caption), avg_appls (attribute name), and UA4 (column name).

Avg Direct Read Time

direct_read_time/ direct_reads The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_READ_TIME or UA43 (historical name), Avg Direct Read Time (caption), avg_direct_read_time (attribute name), and UA43 (column name).

Avg Direct Write Time

direct_write_time/ direct_writes The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_WRITE_TIME or UA44 (historical name), Avg Direct Write Time (caption), avg_direct_write_time (attribute name), and UA44 (column name).

Avg Lock Escal per Conn for Interval

The average lock escalations per connection during the monitoring interval. The value format is an integer. A lock is escalated when the total number of locks held by an application reaches the maximum amount of lock list space available to the application, or the lock list space consumed by all applications is approaching the total lock list space. When an application reaches the maximum number of locks allowed and there are no more locks to escalate, it uses space in the lock list allocated for other applications. When the entire lock list is full, an error occurs. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCK_ESCAL_CON_FOR_INT or UA101 (historical name), Avg Lock Escal per Conn for Interval (caption), avg_lock_escal_con_for_int (attribute name), and UA101 (column name).

Avg Locks Held

$100 * \text{Locks_held/appls_cur_cons}$ The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_LOCKS_HELD or UA60 (historical name), Avg Locks Held (caption), avg_locks_held (attribute name), and UA60 (column name).

Avg Pages per Cleaner for Interval

Average pages per cleaner for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_PAGES_PER_CLEANER_FOR_INT or UA47 (historical name), Avg Pages per Cleaner for Interval (caption), avg_pages_per_cleaner_for_int (attribute name), and UA47 (column name).

Avg Pool Async Data Reads

$\text{pool_async_data_reads} / (\text{pool_data_p_reads} + \text{pool_index_p_reads})$ The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_ASYNC_DATA_READS or UA38 (historical name), Avg Pool Async Data Reads (caption), avg_pool_async_data_reads (attribute name), and UA38 (column name).

Avg Pool Async Data Writes

$\text{pool_async_data_writes} / (\text{pool_data_writes} + \text{pool_index_writes})$ The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_ASYNC_DATA_WRITES or UA39 (historical name), Avg Pool Async Data Writes (caption), avg_pool_async_data_writes (attribute name), and UA39 (column name).

Avg Pool IO Time

Average pool input/output time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_IO_TIME or UA45 (historical name), Avg Pool IO Time (caption), avg_pool_io_time (attribute name), and UA45 (column name).

Avg Pool Writes per Read

$\text{pool_data_writes} + \text{pool_index_writes} / (\text{pool_data_p_reads} + \text{pool_index_p_reads})$ The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds

Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITES_PER_READ or UA40 (historical name), Avg Pool Writes per Read (caption), avg_pool_writes_per_read (attribute name), and UA40 (column name).

Avg Sect Read per Direct Read

direct_reads / direct_read_reqs The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_READ_PER_DIRECT_READ or UA41 (historical name), Avg Sect Read per Direct Read (caption), avg_sect_read_per_direct_read (attribute name), and UA41 (column name).

Avg Sect Written per Direct Write

direct_writes / direct_write_reqs The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_WRITTEN_PER_DIRECT_WRITE or UA42 (historical name), Avg Sect Written per Direct Write (caption), avg_sect_written_per_direct_write (attribute name), and UA42 (column name).

Avg Sync IO Time

Average synchronous input/output time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_IO_TIME or UA46 (historical name), Avg Sync IO Time (caption), avg_sync_io_time (attribute name), and UA46 (column name).

Buff Page

Value in pages of the default buffer pool The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFFPAGE or UA5 (historical name), Buff Page (caption), buffpage (attribute name), and UA5 (column name).

Catalog Cache Size

Catalog cache size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CATALOGCACHE_SZ or UA6 (historical name), Catalog Cache Size (caption), catalogcache_sz (attribute name), and UA6 (column name).

Changed Pages Thresh

Changed pages threshold The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CHNGPGS_THRESH or UA7 (historical name), Changed Pages Thresh (caption), chngpgs_thresh (attribute name), and UA7 (column name).

Commit Stmts per Sec

number of commit statements per second The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMIT_STMTS_PER_SEC or UA74 (historical name), Commit Stmts per Sec (caption), commit_stmts_per_sec (attribute name), and UA74 (column name).

Cur Cons Pct

Percent of applications currently connected The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CUR_CONS_PCT or UA29 (historical name), Cur Cons Pct (caption), cur_cons_pct (attribute name), and UA29 (column name).

Days Since Last Backup

The numbers of day since the last database backup was completed. The value format is integer. The type is integer (32-bit counter) with enumerated values. The following values are defined: No Backup (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DAYS_SINCE_LAST_BACKUP or UA98 (historical name), Days Since Last Backup (caption), days_since_last_backup (attribute name), and UA98 (column name).

DB Cap Err

Number of errors encountered by the Capture program in last 5 minutes The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CAP_ERR or UA57 (historical name), DB Cap Err (caption), db_cap_err (attribute name), and UA57 (column name).

DB Cap Lag

Current timestamp - last timestamp recorded by the Capture program The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CAP_LAG or UA58 (historical name), DB Cap Lag (caption), db_cap_lag (attribute name), and UA58 (column name).

DB Cap Prun

number of rows in the unit-of-work (UOW) table. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CAP_PRUN or UA59 (historical name), DB Cap Prun (caption), db_cap_prun (attribute name), and UA59 (column name).

DB Connection Timestamp

Time of 1st database connection The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_CONN_TIME_TIMESTAMP or UA85 (historical name), DB Connection Timestamp (caption), db_conn_time_timestamp (attribute name), and UA85 (column name).

DB Heap

Database heap The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DBHEAP or UA8 (historical name), DB Heap (caption), dbheap (attribute name), and UA8 (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or UA1 (historical name), DB Name (caption), db_name (attribute name), and UA1 (column name).

DB Name (Unicode)

Database name The type is string.

The following names are defined for this attribute: DB_NAME_U or UUA1 (historical name), DB Name (Unicode) (caption), db_name_U (attribute name), and UUA1 (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or UA93 (historical name), DB Partition (caption), db_partition (attribute name), and UA93 (column name).

DB Tablespaces

database tablespaces The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_TABLESPACES or UA64 (historical name), DB Tablespaces (caption), db_tablespaces (attribute name), and UA64 (column name).

DDL SQL Pct for Interval

ddl sql statement percent for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DDL_SQL_PCT_FOR_INT or UA75 (historical name), DDL SQL Pct for Interval (caption), ddl_sql_pct_for_int (attribute name), and UA75 (column name).

Deadlock Rollbacks Pct

The percentage of the total number of rollbacks that were due to deadlock. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCK_ROLLBACKS_PCT or UA102 (historical name), Deadlock Rollbacks Pct (caption), deadlock_rollbacks_pct (attribute name), and UA102 (column name).

Deadlocks for Interval

Number of deadlocks for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DEADLOCKS_FOR_INT or UA22 (historical name), Deadlocks for Interval (caption), deadlocks_for_int (attribute name), and UA22 (column name).

Estore RW Ratio for Interval

Extended storage read/write ratio for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ESTORE_RW_RATIO_FOR_INT or UA49 (historical name), Estore RW Ratio for Interval (caption), estore_rw_ratio_for_int (attribute name), and UA49 (column name).

Event Monitors

number of event monitors The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_MONITORS or UA65 (historical name), Event Monitors (caption), event_monitors (attribute name), and UA65 (column name).

Failed SQL Stmts Pct for Interval

The percentage of total Structured Query Language statements that failed during the monitoring interval. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILED_SQL_STMTS_PCT_FOR_INT or UA100 (historical name), Failed SQL Stmts Pct for Interval (caption), failed_sql_stmts_pct_for_int (attribute name), and UA100 (column name).

Instance Name (Unicode)

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or UA94 (historical name), Instance Name (Unicode) (caption), instance_name_u (attribute name), and UA94 (column name).

Int Auto Rebinds

Internal Automatic Rebinds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_AUTO_REBINDS or UA23 (historical name), Int Auto Rebinds (caption), int_auto_rebinds (attribute name), and UA23 (column name).

Int Commits

Internal Commits The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_COMMITS or UA24 (historical name), Int Commits (caption), int_commits (attribute name), and UA24 (column name).

Int Deadlock Rollbacks Pct

internal deadlock rollbacks percent The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS_PCT or UA81 (historical name), Int Deadlock Rollbacks Pct (caption), int_deadlock_rollbacks_pct (attribute name), and UA81 (column name).

Int Deadlock Rollbacks Pct for Interval

internal deadlock rollbacks percent for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_DEADLOCK_ROLLBACKS_PCT_FOR_INT or UA63 (historical name), Int Deadlock Rollbacks Pct for Interval (caption), int_deadlock_rollbacks_pct_for_int (attribute name), and UA63 (column name).

Int Rows Deleted

Internal Rows Deleted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_DELETED or UA25 (historical name), Int Rows Deleted (caption), int_rows_deleted (attribute name), and UA25 (column name).

Int Rows Inserted

Internal Rows Inserted The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_INSERTED or UA26 (historical name), Int Rows Inserted (caption), int_rows_inserted (attribute name), and UA26 (column name).

Int Rows Updated

Internal Rows Updated The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INT_ROWS_UPDATED or UA27 (historical name), Int Rows Updated (caption), int_rows_updated (attribute name), and UA27 (column name).

Invalid Pkgs

number of invalid packages The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INVALID_PKGS or UA78 (historical name), Invalid Pkgs (caption), invalid_pkgs (attribute name), and UA78 (column name).

Invalid Sys Pkgs

number of invalid system packages The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INVALID_SYS_PKGS or UA79 (historical name), Invalid Sys Pkgs (caption), invalid_sys_pkgs (attribute name), and UA79 (column name).

Invalid Triggers

number of invalid triggers The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INVALID_TRIGGERS or UA66 (historical name), Invalid Triggers (caption), invalid_triggers (attribute name), and UA66 (column name).

Last Backup Timestamp

Date/Time of Last Backup The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_BACKUP_TIMESTAMP or UA86 (historical name), Last Backup Timestamp (caption), last_backup_timestamp (attribute name), and UA86 (column name).

Lock Escalation for Interval

The total number of lock escalations for applications connected to this database during the monitoring interval. Exclusive lock escalations are included in this number. Use the returned value to help you evaluate the settings of the LOCKLIST and MAXLOCKS configuration parameters. Lock escalations can result in a decrease concurrency between applications connected to a database. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALATION_FOR_INT or UA103 (historical name), Lock Escalation for Interval (caption), lock_escalation_for_int (attribute name), and UA103 (column name).

Lock List

Maximum storage for lock list The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKLIST or UA9 (historical name), Lock List (caption), locklist (attribute name), and UA9 (column name).

Lock List in Use (KB)

The total amount of lock list memory (in KB) that is currently in use. The value format is integer. This attribute can be used in conjunction with the locklist configuration parameter to calculate the lock list utilization. If the lock list utilization is high, you want to consider increasing the size of that parameter. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_LIST_IN_USE_KB or UA87 (historical name), Lock List in Use (KB) (caption), lock_list_in_use_KB (attribute name), and UA87 (column name).

Lock List in Use Pct

Percent total Lock List Memory In Use The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_LIST_IN_USE_PCT or UA30 (historical name), Lock List in Use Pct (caption), lock_list_in_use_pct (attribute name), and UA30 (column name).

Lock Timeouts for Interval

The number of times that a request to lock an object timed out instead of being granted during the monitoring interval. The value format is integer The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_TIMEOUTS_FOR_INT or UA95 (historical name), Lock Timeouts for Interval (caption), lock_timeouts_for_int (attribute name), and UA95 (column name).

Lock Waits for Interval

lock waits for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS_FOR_INT or UA61 (historical name), Lock Waits for Interval (caption), lock_waits_for_int (attribute name), and UA61 (column name).

Lock Waits Pct

100 * Locks_waiting/appls_cur_cons The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAITS_PCT or UA62 (historical name), Lock Waits Pct (caption), lock_waits_pct (attribute name), and UA62 (column name).

Log Buff Size

Log buffer size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGBUFSZ or UA10 (historical name), Log Buff Size (caption), logbufsz (attribute name), and UA10 (column name).

Log IO for Interval

Log input/output for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_IO_FOR_INT or UA28 (historical name), Log IO for Interval (caption), log_io_for_int (attribute name), and UA28 (column name).

Log Primary

Number of primary log files The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGPRIMARY or UA11 (historical name), Log Primary (caption), logprimary (attribute name), and UA11 (column name).

Max Appls

Maximum number of active applications The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXAPPLS or UA12 (historical name), Max Appls (caption), maxappls (attribute name), and UA12 (column name).

Max Locks

Maximum percent of lock list before escalation The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXLOCKS or UA13 (historical name), Max Locks (caption), maxlocks (attribute name), and UA13 (column name).

Min Commit

Number of commits to group The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MINCOMMIT or UA14 (historical name), Min Commit (caption), mincommit (attribute name), and UA14 (column name).

New Log Path

Change the database log path The type is string.

The following names are defined for this attribute: NEWLOGPATH or UA15 (historical name), New Log Path (caption), newlogpath (attribute name), and UA15 (column name).

New Log Path (Unicode)

Change the database log path The type is string.

The following names are defined for this attribute: NEWLOGPATH_U or UUA15 (historical name), New Log Path (Unicode) (caption), newlogpath_U (attribute name), and UUA15 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Num IO Cleaners

Number of asynchronous page cleaners The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_IOCLEANERS or UA16 (historical name), Num IO Cleaners (caption), num_iocleaners (attribute name), and UA16 (column name).

Num IO Servers

number of i/o servers for a database The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_IOSERVERS or UA82 (historical name), Num IO Servers (caption), num_ioservers (attribute name), and UA82 (column name).

Page Cleans for Interval

number of page cleans for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PAGE_CLEANS_FOR_INTERVAL or UA34 (historical name), Page Cleans for Interval (caption), page_cleans_for_interval (attribute name), and UA34 (column name).

Pages per Prefetch for Interval

pages per prefetch for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PAGES_PER_PREFETCH_FOR_INT or UA35 (historical name), Pages per Prefetch for Interval (caption), pages_per_prefetch_for_int (attribute name), and UA35 (column name).

Pkg Cache Size

Package cache size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PCKCACHESZ or UA17 (historical name), Pkg Cache Size (caption), pckcachesz (attribute name), and UA17 (column name).

Pool Hit Ratio Index Pct for Interval

Pool hit ratio index percent for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_INDEX_PCT_FOR_INT or UA51 (historical name), Pool Hit Ratio Index Pct for Interval (caption), pool_hit_ratio_index_pct_for_int (attribute name), and UA51 (column name).

Pool Hit Ratio Pct for Interval

Pool hit ratio percent for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_PCT_FOR_INT or UA50 (historical name), Pool Hit Ratio Pct for Interval (caption), pool_hit_ratio_pct_for_int (attribute name), and UA50 (column name).

Pool IO per Sec

Pool input/output per second The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_IO_PER_SEC or UA48 (historical name), Pool IO per Sec (caption), pool_io_per_sec (attribute name), and UA48 (column name).

Pool Sync Index Reads

pool_index_p_reads-pool_async_index_reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_INDEX_READS or UA37 (historical name), Pool Sync Index Reads (caption), Pool_sync_index_reads (attribute name), and UA37 (column name).

Pool Total Reads (K)

The total number of read requests in thousand (K) that required I/O to get data pages and index pages into the buffer pool. The value format is integer. This attribute is the total of Pool Data Physical Reads and Pool Index Physical Reads attributes. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_READS_K or UA88 (historical name), Pool Total Reads (K) (caption), pool_total_reads_K (attribute name), and UA88 (column name).

Pool Total Writes (K)

The total number of write requests in thousand (K). The value format is integer. This attribute is the total of Pool Data Writes and Pool Index Writes attributes. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TOTAL_WRITES_K or UA89 (historical name), Pool Total Writes (K) (caption), pool_total_writes_K (attribute name), and UA89 (column name).

Pri Log Used Pct

Percent Total Log Space Used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRI_LOG_USED_PCT or UA33 (historical name), Pri Log Used Pct (caption), pri_log_used_pct (attribute name), and UA33 (column name).

Pri Log Used Top

Maximum number of primary logs used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRI_LOG_USED_TOP or UA80 (historical name), Pri Log Used Top (caption), pri_log_used_top (attribute name), and UA80 (column name).

Pri Log Used Top (MB)

Maximum number of primary logs used in MB. The value format is integer. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRI_LOG_USED_TOP_MB or UA104 (historical name), Pri Log Used Top (MB) (caption), pri_log_used_top_MB (attribute name), and UA104 (column name).

Restore Pending

Restore pending The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RESTORE_PENDING or UA18 (historical name), Restore Pending (caption), restore_pending (attribute name), and UA18 (column name).

Rollback Rate for Interval

The rate, in rollbacks per second, at which unit-of-work rollbacks were attempted during the monitoring interval. Unit-of-work rollbacks include SQL ROLLBACK statements that are issued from applications and INTERNAL ROLLBACKS that are initiated by the database manager. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLBACK_RATE_FOR_INT or UA96 (historical name), Rollback Rate for Interval (caption), rollback_rate_for_int (attribute name), and UA96 (column name).

Sec Log Used Pct

Percent Maximum Secondary Log Space Used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOG_USED_PCT or UA31 (historical name), Sec Log Used Pct (caption), sec_log_used_pct (attribute name), and UA31 (column name).

Sec Log Used Top (MB)

The maximum amount of secondary log space (in MB) that has been used. The value format is integer. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOG_USED_TOP_MB or UA90 (historical name), Sec Log Used Top (MB) (caption), sec_log_used_top_MB (attribute name), and UA90 (column name).

Select SQL Pct for Interval

select sql statement percent for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SELECT_SQL_PCT_FOR_INT or UA76 (historical name), Select SQL Pct for Interval (caption), select_sql_pct_for_int (attribute name), and UA76 (column name).

Sequential Detect

Sequential detection flag The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEQDETECT or UA19 (historical name), Sequential Detect (caption), seqdetect (attribute name), and UA19 (column name).

Snapshot Time

Date/Time of snapshot The type is string.

The following names are defined for this attribute: SNAPSHOT_TIME or UA83 (historical name), Snapshot Time (caption), snapshot_time (attribute name), and UA83 (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or UA84 (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and UA84 (column name).

Sort Heap

Sort heap size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORTHEAP or UA20 (historical name), Sort Heap (caption), sortheap (attribute name), and UA20 (column name).

Sort Overflows Pct for Interval

The percentage of application sorts that overflowed during the monitoring interval. The value format is integer. An overflow occurs when a sort has run out of space in the sort heap and requires disk space for temporary storage. If this percentage is high, you might want to adjust the database configuration by increasing the value of sortheap. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_OVERFLOW_PCT_FOR_INT or UA99 (historical name), Sort Overflows Pct for Interval (caption), sort_overflows_pct_for_int (attribute name), and UA99 (column name).

SQL Stmts Rate for Interval

The rate, in executed SQL statements per second, at which SQL statements were executed during the monitoring interval. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SQL_STMTS_RATE_FOR_INT or UA97 (historical name), SQL Stmts Rate for Interval (caption), sql_stmts_rate_for_int (attribute name), and UA97 (column name).

System Tablespaces

number of system tablespaces The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYSTEM_TABLESPACES or UA67 (historical name), System Tablespaces (caption), system_tablespaces (attribute name), and UA67 (column name).

Tables

number of system tables The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLES or UA68 (historical name), Tables (caption), tables (attribute name), and UA68 (column name).

Tablespaces

number of tablespaces The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACES or UA69 (historical name), Tablespaces (caption), tablespaces (attribute name), and UA69 (column name).

Tablespaces Long Data

number of tablespaces with datatype long The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACES_LONG_DATA or UA70 (historical name), Tablespaces Long Data (caption), tablespaces_long_data (attribute name), and UA70 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Direct IO Time

Total direct input/output time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_DIRECT_IO_TIME or UA52 (historical name), Total Direct IO Time (caption), tot_direct_io_time (attribute name), and UA52 (column name).

Total Log Used

Total Log Space Used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_USED or UA32 (historical name), Total Log Used (caption), total_log_used (attribute name), and UA32 (column name).

Total Log Used (MB)

The total log space used (in MB) in the database. The value format is integer. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_USED_MB or UA92 (historical name), Total Log Used (MB) (caption), total_log_used_MB (attribute name), and UA92 (column name).

Total log Used Top (MB)

The maximum amount of total log space (in MB) that has been used. The value format is integer. Use this attribute to evaluate the amount of primary log space that is allocated. Comparing the value of this attribute with the amount of primary log space that is allocated can help you to evaluate the configuration parameter settings. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_LOG_USED_TOP_MB or UA91 (historical name), Total log Used Top (MB) (caption), tot_log_used_top_MB (attribute name), and UA91 (column name).

Total Pool Phys IO

Total pool physical input/output time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_PHYS_IO or UA53 (historical name), Total Pool Phys IO (caption), tot_pool_phys_io (attribute name), and UA53 (column name).

Total Pool Phys Read

pool_data_p_reads + pool_index_p_reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_PHYS_READ or UA54 (historical name), Total Pool Phys Read (caption), tot_pool_phys_read (attribute name), and UA54 (column name).

Total Pool Phys Write

pool_data_writes + pool_index_writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_POOL_PHYS_WRITE or UA55 (historical name), Total Pool Phys Write (caption), tot_pool_phys_write (attribute name), and UA55 (column name).

Total Sync IO

total synchronous input/output The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_SYNC_IO or UA36 (historical name), Total Sync IO (caption), tot_sync_io (attribute name), and UA36 (column name).

Total Sync IO Time

Total synchronous input/output time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_SYNC_IO_TIME or UA56 (historical name), Total Sync IO Time (caption), tot_sync_io_time (attribute name), and UA56 (column name).

Triggers

number of triggers The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TRIGGERS or UA71 (historical name), Triggers (caption), triggers (attribute name), and UA71 (column name).

UID SQL Pct for Interval

uid sql statement percent for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UID_SQL_PCT_FOR_INT or UA77 (historical name), UID SQL Pct for Interval (caption), uid_sql_pct_for_int (attribute name), and UA77 (column name).

User Indexes

number of user_indexes The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USER_INDEXES or UA73 (historical name), User Indexes (caption), user_indexes (attribute name), and UA73 (column name).

Views

number of views The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: VIEWS or UA72 (historical name), Views (caption), views (attribute name), and UA72 (column name).

DB2 Database02 data set

[KUD_DB2_Database02]

This data set contains the following attributes:

Active Hash Joins

active hash joins The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACTIVE_HASH_JOINS or ACTHASHJ (historical name), Active Hash Joins (caption), active_hash_joins (attribute name), and ACTHASHJ (column name).

Active OLAP Funcs

active OLAP functions The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACTIVE_OLAP_FUNCS or ACTOLAPFUN (historical name), Active OLAP Funcs (caption), active_olap_funcs (attribute name), and ACTOLAPFUN (column name).

Appl ID Oldest Xact

Application with Oldest Transaction The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_ID_OLDEST_XACT or APIDOX (historical name), Appl ID Oldest Xact (caption), appl_id_oldest_xact (attribute name), and APIDOX (column name).

Async Runstats

total number of asynchronous RUNSTATS requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ASYNC_RUNSTATS or ASYRUNSTA (historical name), Async Runstats (caption), async_runstats (attribute name), and ASYRUNSTA (column name).

Blocks Pending Cleanup

number of blocks pending cleanup for MDC tables The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BLOCKS_PENDING_CLEANUP or BPCLEAN (historical name), Blocks Pending Cleanup (caption), blocks_pending_cleanup (attribute name), and BPCLEAN (column name).

Cat Cache Size Top

Catalog Cache High Water Mark The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CAT_CACHE_SIZE_TOP or CCSZT (historical name), Cat Cache Size Top (caption), cat_cache_size_top (attribute name), and CCSZT (column name).

Catalog Partition

Catalog Node Number The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CATALOG_PARTITION or CTLPTT (historical name), Catalog Partition (caption), catalog_partition (attribute name), and CTLPTT (column name).

Catalog Partition Name

Catalog Node Network Name The type is string.

The following names are defined for this attribute: CATALOG_PARTITION_NAME or CLPTNAME (historical name), Catalog Partition Name (caption), catalog_partition_name (attribute name), and CLPTNAME (column name).

Data Temp Pool Hit Ratio

$1 - (\text{pool_temp_data_p_reads} / \text{pool_temp_data_l_reads})$ The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DATA_TEMP_POOL_HIT_RATIO or DTPHR (historical name), Data Temp Pool Hit Ratio (caption), data_temp_pool_hit_ratio (attribute name), and DTPHR (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), DB Name (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), DB Partition (caption), db_partition (attribute name), and PRTNNO (column name).

Elapsed Exec Time MS

Statement Execution Elapsed Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ELAPSED_EXEC_TIME_MS or EEXTMS (historical name), Elapsed Exec Time MS (caption), elapsed_exec_time_ms (attribute name), and EEXTMS (column name).

Elapsed Exec Time S

Statement Execution Elapsed Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ELAPSED_EXEC_TIME_S or EEXTS (historical name), Elapsed Exec Time S (caption), elapsed_exec_time_s (attribute name), and EEXTS (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Last Reset

Last Reset Timestamp The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_RESET or LASTRESET (historical name), Last Reset (caption), last_reset (attribute name), and LASTRESET (column name).

Log Held By Dirty Pages

for by Dirty Pages The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_HELD_BY_DIRTY_PAGES or LHBDP (historical name), Log Held By Dirty Pages (caption), log_held_by_dirty_pages (attribute name), and LHBDP (column name).

Log Read Time NS

Log Read Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_READ_TIME_NS or LRTNS (historical name), Log Read Time NS (caption), log_read_time_ns (attribute name), and LRTNS (column name).

Log Read Time S

Log Read Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_READ_TIME_S or LRTS (historical name), Log Read Time S (caption), log_read_time_s (attribute name), and LRTS (column name).

Log to Redo for Recovery

Amount of Log to be Redone for Recovery The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_TO_REDO_FOR_RECOVERY or LTEFR (historical name), Log to Redo for Recovery (caption), log_to_redo_for_recovery (attribute name), and LTEFR (column name).

Log Write Time NS

Log Write Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_WRITE_TIME_NS or LWTNS (historical name), Log Write Time NS (caption), log_write_time_ns (attribute name), and LWTNS (column name).

Log Write Time S

Log Write Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_WRITE_TIME_S or LWTS (historical name), Log Write Time S (caption), log_write_time_s (attribute name), and LWTS (column name).

Min Catalog Cache Size

cat_cache_size_top/4096 The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MIN_CATALOG_CACHE_SIZE or MCCSZ (historical name), Min Catalog Cache Size (caption), min_catalog_cache_size (attribute name), and MCCSZ (column name).

Min Pkg Cache Size

PKG_CACHE_SIZE_TOP / 4096 The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MIN_PKG_CACHE_SIZE or MPKGCSZ (historical name), Min Pkg Cache Size (caption), min_pkg_cache_size (attribute name), and MPKGCSZ (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Num DB Storage Paths

paths monitor element The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_DB_STORAGE_PATHS or NDBSP (historical name), Num DB Storage Paths (caption), num_db_storage_paths (attribute name), and NDBSP (column name).

Num Indoubt Trans

Number of Indoubt Transactions The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_INDOUBT_TRANS or NIDTR (historical name), Num Indoubt Trans (caption), num_indoubt_trans (attribute name), and NIDTR (column name).

Num Log Buffer Full

Number of Full Log Buffers The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_BUFFER_FULL or NLBFF (historical name), Num Log Buffer Full (caption), num_log_buffer_full (attribute name), and NLBFF (column name).

Num Log Data Found in Buffer

Number of Log Data Found In Buffer The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_DATA_FOUND_IN_BUFFER or NLDFIBF (historical name), Num Log Data Found in Buffer (caption), num_log_data_found_in_buffer (attribute name), and NLDFIBF (column name).

Num Log Part Page IO

Number of Partial Log Page Writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_PART_PAGE_IO or NLPPPIO (historical name), Num Log Part Page IO (caption), num_log_part_page_io (attribute name), and NLPPPIO (column name).

Num Log Read IO

Number of Log Reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_READ_IO or NLRIO (historical name), Num Log Read IO (caption), num_log_read_io (attribute name), and NLRIO (column name).

Num Log Write IO

Number of Log Writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_WRITE_IO or NLWIO (historical name), Num Log Write IO (caption), num_log_write_io (attribute name), and NLWIO (column name).

Num Threshold Violations

number of threshold violations The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_THRESHOLD_VIOLATIONS or NUMTHRPIO (historical name), Num Threshold Violations (caption), num_threshold_violations (attribute name), and NUMTHRPIO (column name).

OLAP Func Overflows

OLAP function overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OLAP_FUNC_OVERFLOW or OLAPOVER (historical name), OLAP Func Overflows (caption), olap_func_overflows (attribute name), and OLAPOVER (column name).

Pkg Cache Num Overflows

Package Cache Overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_NUM_OVERFLOW or PKGCNOF (historical name), Pkg Cache Num Overflows (caption), pkg_cache_num_overflows (attribute name), and PKGCNOF (column name).

Pkg Cache Size Top

Package Cache High Water Mark The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PKG_CACHE_SIZE_TOP or PKGCSZT (historical name), Pkg Cache Size Top (caption), pkg_cache_size_top (attribute name), and PKGCSZT (column name).

Pool No Victim Buffer

Buffer Pool No Victim Buffers The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_NO_VICTIM_BUFFER or PNOVBF (historical name), Pool No Victim Buffer (caption), pool_no_victim_buffer (attribute name), and PNOVBF (column name).

Pool Temp Data L Reads

Logical Reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TEMP_DATA_L_READS or PTDLR (historical name), Pool Temp Data L Reads (caption), pool_temp_data_l_reads (attribute name), and PTDLR (column name).

Pool Temp Data P Reads

Physical Reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TEMP_DATA_P_READS or PT DPR (historical name), Pool Temp Data P Reads (caption), pool_temp_data_p_reads (attribute name), and PT DPR (column name).

Pool Temp Hit Ratio

$1 - ((\text{pool_temp_data_p_reads} + \text{pool_temp_index_p_reads}) / (\text{pool_temp_data_l_reads} + \text{pool_temp_index_l_reads}))$ The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TEMP_HIT_RATIO or PLTHR (historical name), Pool Temp Hit Ratio (caption), pool_temp_hit_ratio (attribute name), and PLTHR (column name).

Pool Temp Index L Reads

Logical Reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TEMP_INDEX_L_READS or PTILR (historical name), Pool Temp Index L Reads (caption), pool_temp_index_l_reads (attribute name), and PTILR (column name).

Pool Temp Index P Reads

Physical Reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TEMP_INDEX_P_READS or PTIPR (historical name), Pool Temp Index P Reads (caption), pool_temp_index_p_reads (attribute name), and PTIPR (column name).

Pool Temp XDA L Reads

buffer pool temporary XDA data logical reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TEMP_XDA_L_READS or TEPXDALRD (historical name), Pool Temp XDA L Reads (caption), pool_temp_xda_l_reads (attribute name), and TEPXDALRD (column name).

Pool Temp XDA P Reads

buffer pool temporary XDA data physical reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_TEMP_XDA_P_READS or TEPXDAPRD (historical name), Pool Temp XDA P Reads (caption), pool_temp_xda_p_reads (attribute name), and TEPXDAPRD (column name).

Pool XDA L Reads

buffer pool XDA data logical reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_XDA_L_READS or XDALRD (historical name), Pool XDA L Reads (caption), pool_xda_l_reads (attribute name), and XDALRD (column name).

Pool XDA P Reads

buffer pool XDA data physical reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_XDA_P_READS or XDAPRD (historical name), Pool XDA P Reads (caption), pool_xda_p_reads (attribute name), and XDAPRD (column name).

Pool XDA Writes

buffer pool XDA data writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_XDA_WRITES or XDAWR (historical name), Pool XDA Writes (caption), pool_xda_writes (attribute name), and XDAWR (column name).

Post Shr Threshold Hash Joins

post threshold hash joins The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POST_SHRTHRESHOLD_HASH_JOINS or SHRHASHJ (historical name), Post Shr Threshold Hash Joins (caption), post_shrthreshold_hash_joins (attribute name), and SHRHASHJ (column name).

Post Shr Threshold Sorts

post shared threshold sorts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POST_SHRTHRESHOLD_SORTS or SHRSORTS (historical name), Post Shr Threshold Sorts (caption), post_shrthreshold_sorts (attribute name), and SHRSORTS (column name).

Priv Workspace Num Overflows

Private Workspace Overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRIV_WORKSPACE_NUM_OVERFLOWS or PWSNOF (historical name), Priv Workspace Num Overflows (caption), priv_workspace_num_overflows (attribute name), and PWSNOF (column name).

Priv Workspace Section Inserts

Private Workspace Section Inserts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRIV_WORKSPACE_SECTION_INSERTS or PWSSI (historical name), Priv Workspace Section Inserts (caption), priv_workspace_section_inserts (attribute name), and PWSSI (column name).

Priv Workspace Section Lookups

Private Workspace Section Lookups The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRIV_WORKSPACE_SECTION_LOOKUPS or PWSSLU (historical name), Priv Workspace Section Lookups (caption), priv_workspace_section_lookups (attribute name), and PWSSLU (column name).

Priv Workspace Size Top

Maximum Private Workspace Size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRIV_WORKSPACE_SIZE_TOP or PWSSZT (historical name), Priv Workspace Size Top (caption), priv_workspace_size_top (attribute name), and PWSSZT (column name).

Rows Read

Rows Read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_READ or ROWSREAD (historical name), Rows Read (caption), rows_read (attribute name), and ROWSREAD (column name).

Shr Workspace Num Overflows

Shared Workspace Overflows The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SHR_WORKSPACE_NUM_OVERFLOWS or SWSNOF (historical name), Shr Workspace Num Overflows (caption), shr_workspace_num_overflows (attribute name), and SWSNOF (column name).

Shr Workspace Section Inserts

Shared Workspace Section Inserts The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SHR_WORKSPACE_SECTION_INSERTS or SWSSI (historical name), Shr Workspace Section Inserts (caption), shr_workspace_section_inserts (attribute name), and SWSSI (column name).

Shr Workspace Section Lookups

Shared Workspace Section Lookups The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SHR_WORKSPACE_SECTION_LOOKUPS or SWSSLU (historical name), Shr Workspace Section Lookups (caption), shr_workspace_section_lookups (attribute name), and SWSSLU (column name).

Shr Workspace Size Top

Maximum Shared Workspace Size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SHR_WORKSPACE_SIZE_TOP or SWSSZT (historical name), Shr Workspace Size Top (caption), shr_workspace_size_top (attribute name), and SWSSZT (column name).

Smallest Log Avail Node

Node with Least Available Log Space The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SMALLEST_LOG_AVAIL_NODE or SLAND (historical name), Smallest Log Avail Node (caption), smallest_log_avail_node (attribute name), and SLAND (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), Snapshot Timestamp (caption), snapshot_time (attribute name), and SSTIME (column name).

Sort Shrheap Allocated

Sort Share Heap Currently Allocated The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_SHRHEAP_ALLOCATED or STSHRHAL (historical name), Sort Shrheap Allocated (caption), sort_shrheap_allocated (attribute name), and STSHRHAL (column name).

Sort Shrheap Top

Sort Share Heap High Water Mark The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_SHRHEAP_TOP or STSHRHT (historical name), Sort Shrheap Top (caption), sort_shrheap_top (attribute name), and STSHRHT (column name).

Stats Cache Size

size of statistics cache The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATS_CACHE_SIZE or CACHESZ (historical name), Stats Cache Size (caption), stats_cache_size (attribute name), and CACHESZ (column name).

Stats Fabricate Time

total time spent on statistics fabrication activities The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATS_FABRICATE_TIME or STAFABTM (historical name), Stats Fabricate Time (caption), stats_fabricate_time (attribute name), and STAFABTM (column name).

Stats Fabrications

total number of statistics fabrications The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATS_FABRICATIONS or STAFAB (historical name), Stats Fabrications (caption), stats_fabrications (attribute name), and STAFAB (column name).

Sync Runstats

total number of synchronous RUNSTATS activities The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYNC_RUNSTATS or SYNRUNSTA (historical name), Sync Runstats (caption), sync_runstats (attribute name), and SYNRUNSTA (column name).

Sync Runstats Time

total time spent on synchronous RUNSTATS activities The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYNC_RUNSTATS_TIME or SYNRUNTM (historical name), Sync Runstats Time (caption), sync_runstats_time (attribute name), and SYNRUNTM (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Log Available

Total Log Available The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_AVAILABLE or TLLAB (historical name), Total Log Available (caption), total_log_available (attribute name), and TLLAB (column name).

Total Log Used Percent

$100 * (\text{total_log_used} / (\text{total_log_used} + \text{total_log_available}))$ The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_USED_PCT or TOTLUPCT (historical name), Total Log Used Percent (caption), total_log_used_pct (attribute name), and TOTLUPCT (column name).

Total OLAP Funcs

total OLAP functions The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_OLAP_FUNCS or TOOLAPFUN (historical name), Total OLAP Funcs (caption), total_olap_funcs (attribute name), and TOOLAPFUN (column name).

Unread Prefetch Pages

Unread Prefetch Pages The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: UNREAD_PREFETCH_PAGES or URPFPG (historical name), Unread Prefetch Pages (caption), unread_prefetch_pages (attribute name), and URPFPG (column name).

DB2 DCS Database data set

The DCS Database attributes provide Direct Connection Service (DCS) database information for the monitored database gateway. You can use this information to monitor DCS database specific attributes, such as DCS connection response times and communication errors.

This data set contains the following attributes:

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME_U or KUDDBNAME (historical name), DB Name (caption), db_name_U (attribute name), and KUDDBNAME (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter

is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or DBPRTNNUM (historical name), DB Partition (caption), db_partition (attribute name), and DBPRTNNUM (column name).

GW Comm Errors for Interval

The number of times during the monitoring interval that a communication error (SQL30081) occurred while a DCS application was attempting to connect to a host database, or while it was processing an SQL statement. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_COMM_ERRORS_FOR_INT_64 or GWCNERI64 (historical name), GW Comm Errors for Interval (caption), gw_comm_errors_for_int_64 (attribute name), and GWCNERI64 (column name).

GW Comm Errors for Interval (Superseded)

The number of times during the monitoring interval that a communication error (SQL30081) occurred while a DCS application was attempting to connect to a host database, or while it was processing an SQL statement. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_COMM_ERRORS_FOR_INT or KUDGWCNERI (historical name), GW Comm Errors for Interval (Superseded) (caption), gw_comm_errors_for_int (attribute name), and KUDGWCNERI (column name).

GW Cons Wait Host

The current number of connections to host databases being handled by the DB2 Connect gateway that are waiting for a reply from the host. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CONS_WAIT_HOST_64 or GWCNWTH64 (historical name), GW Cons Wait Host (caption), gw_cons_wait_host_64 (attribute name), and GWCNWTH64 (column name).

GW Cons Wait Host (Superseded)

The current number of connections to host databases being handled by the DB2 Connect gateway that are waiting for a reply from the host. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CONS_WAIT_HOST or KUDGWCNWTH (historical name), GW Cons Wait Host (Superseded) (caption), gw_cons_wait_host (attribute name), and KUDGWCNWTH (column name).

GW Cur Cons

The current number of connections to host databases being handled by the DB2 Connect gateway. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CUR_CONS_64 or GWCCONS64 (historical name), GW Cur Cons (caption), gw_cur_cons_64 (attribute name), and GWCCONS64 (column name).

GW Cur Cons (Superseded)

The current number of connections to host databases being handled by the DB2 Connect gateway. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value

Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CUR_CONS or KUDGWCCONS (historical name), GW Cur Cons (Superseded) (caption), gw_cur_cons (attribute name), and KUDGWCCONS (column name).

Host Throughput for Interval

The host throughput in bytes per second for the monitoring interval. This is the number of bytes sent plus the number of bytes received divided by the cumulative host response time. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HOST_THROUGHPUT_FOR_INT_64 or HOSTTFI64 (historical name), Host Throughput for Interval (caption), host_throughput_for_int_64 (attribute name), and HOSTTFI64 (column name).

Host Throughput for Interval (Superseded)

The host throughput in bytes per second for the monitoring interval. This is the number of bytes sent plus the number of bytes received divided by the cumulative host response time. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HOST_THROUGHPUT_FOR_INT or KUDHOSTTFI (historical name), Host Throughput for Interval (Superseded) (caption), host_throughput_for_int (attribute name), and KUDHOSTTFI (column name).

Host Time per Stmt for Interval

The host response time in seconds over the last interval, including any network time over the last interval, divided by the number of statements attempted over the last interval. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HOST_TIME_PER_STMT_FOR_INT_64 or HOTPSFI64 (historical name), Host Time per Stmt for Interval (caption), host_time_per_stmt_for_int_64 (attribute name), and HOTPSFI64 (column name).

Host Time per Stmt for Interval (Superseded)

The host response time in seconds over the last interval, including any network time over the last interval, divided by the number of statements attempted over the last interval. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HOST_TIME_PER_STMT_FOR_INT or KUDHOTPSFI (historical name), Host Time per Stmt for Interval (Superseded) (caption), host_time_per_stmt_for_int (attribute name), and KUDHOTPSFI (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or KUDINST (historical name), Instance Name (caption), instance_name_U (attribute name), and KUDINST (column name).

Network Time per Stmt

The total host response time minus the total statement execution time divided by the total number of statements attempted. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NETWORK_TIME_PER_STMT_64 or NETTPS64 (historical name), Network Time per Stmt (caption), network_time_per_stmt_64 (attribute name), and NETTPS64 (column name).

Network Time per Stmt (Superseded)

The total host response time minus the total statement execution time divided by the total number of statements attempted. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NETWORK_TIME_PER_STMT or KUDNETTPS (historical name), Network Time per Stmt (Superseded) (caption), network_time_per_stmt (attribute name), and KUDNETTPS (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Recent Con Rsp Time

The elapsed time in seconds between the start of connection processing and actual establishment of a connection for the most recent DCS application that connected to this database. The type is real number (64-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RECENT_CON_RSP_TIME_64 or CNRSPT64 (historical name), Recent Con Rsp Time (caption), recent_con_rsp_time_64 (attribute name), and CNRSPT64 (column name).

Recent Con Rsp Time (Superseded)

The elapsed time in seconds between the start of connection processing and actual establishment of a connection for the most recent DCS application that connected to this database. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RECENT_CON_RSP_TIME or KUDCNRSPT (historical name), Recent Con Rsp Time (Superseded) (caption), recent_con_rsp_time (attribute name), and KUDCNRSPT (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or SSTIMEST (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and SSTIMEST (column name).

Time per Stmt

The statement execution time in seconds divided by the number of statements attempted. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TIME_PER_STMT_64 or TIMPRST64 (historical name), Time per Stmt (caption), time_per_stmt_64 (attribute name), and TIMPRST64 (column name).

Time per Stmt (Superseded)

The statement execution time in seconds divided by the number of statements attempted. The value format is integer. The type is integer (32-bit gauge) with enumerated values. The following values are

defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TIME_PER_STMT or KUDTIMPRST (historical name), Time per Stmt (Superseded) (caption), time_per_stmt (attribute name), and KUDTIMPRST (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Diagnostic Log data set

All diagnostic messages written out by a DB2 instance or any of its databases can be found in various log files. This table consolidates key diagnostic messages valuable for problem determination. Only messages in last 3 minutes after agent starting are being returned on the first call. Subsequent queries will contain only newer messages.

This data set contains the following attributes:

Component Name

The name of the component that created the message The type is string.

The following names are defined for this attribute: COMPONENT_NAME or COMPONENT (historical name), Component Name (caption), component_name (attribute name), and COMPONENT (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), DB Name (caption), db_name (attribute name), and DBNM (column name).

Facility

A facility is a logical grouping which records relate to. The possible values are: ALL, MAIN, OPTSTATS Currently only MAIN is supported here. The type is string.

The following names are defined for this attribute: FACILITY (historical name), Facility (caption), facility (attribute name), and FACILITY (column name).

Function Name

The name of the function that generated the message The type is string.

The following names are defined for this attribute: FUNCTION_NAME or FUNCTION (historical name), Function Name (caption), function_name (attribute name), and FUNCTION (column name).

Function String

Whole string of a function message. It includes product name, component name, function name and probe number. The type is string.

The following names are defined for this attribute: FUNCTION_STRING or FUNCSTR (historical name), Function String (caption), function_string (attribute name), and FUNCSTR (column name).

Impact

The minimum customer impact level of the record The possible values are: 'NONE', 'UNLIKELY', 'POTENTIAL', 'IMMEDIATE', 'CRITICAL' The type is string.

The following names are defined for this attribute: IMPACT (historical name), Impact (caption), impact (attribute name), and IMPACT (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Level

The severity level of the record The possible values are: 'C': Critical, 'E': Error, 'I': Informational, 'S': Severe, 'W': Warning, 'V': Event The type is string with enumerated values. The following values are defined: Critical (C), Error (E), Information (I), Severe (S), Warning (W), Notification (N), Event (V). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LEVEL (historical name), Level (caption), level (attribute name), and LEVEL (column name).

Message

The short description text for this record. It's CLOB(16KB). But only the 256 chars are gotten here. The type is string.

The following names are defined for this attribute: MESSAGE or MSG (historical name), Message (caption), message (attribute name), and MSG (column name).

Message Number

The numeric message number if it is available. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MESSAGE_NUMBER or MSGNUM (historical name), Message Number (caption), message_number (attribute name), and MSGNUM (column name).

Message Type

The message type if it is available. The type is string.

The following names are defined for this attribute: MESSAGE_TYPE or MSGTYPE (historical name), Message Type (caption), message_type (attribute name), and MSGTYPE (column name).

MSGID

Unique message identifier The type is string.

The following names are defined for this attribute: MSGID (historical name), MSGID (caption), msgid (attribute name), and MSGID (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Partition Num

The DB2 database partition node number. This attribute is a key attribute. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PARTITION_NUM or PRTNNUM (historical name), Partition Num (caption), partition_num (attribute name), and PRTNNUM (column name).

PID

The operating system process identifier that created this message The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PID (historical name), PID (caption), PID (attribute name), and PID (column name).

Process Name

The operating system process name that created this message The type is string.

The following names are defined for this attribute: PROCESS_NAME or PROCNAME (historical name), Process Name (caption), process_name (attribute name), and PROCNAME (column name).

Record Type

The type of record The type is string with enumerated values. The following values are defined: All record types (ALL), All diagnostic records (D), All event records (E), Internal diagnostic record (DI), External diagnostic record (DX), Internal event record (EI), External event record (EX). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RECTYPE (historical name), Record Type (caption), rectype (attribute name), and RECTYPE (column name).

TID

The thread numerical identifier that created this message The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TID (historical name), TID (caption), TID (attribute name), and TID (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Timezone Displacement

The time difference (in minutes) from the Universal Coordinated Time (UCT). The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (32767). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TIMEZONE (historical name), Timezone Displacement (caption), timezone (attribute name), and TIMEZONE (column name).

DB2 Diagnostic Messages (Superseded) data set

The function has been covered in the KUDDIAGLOG table. All diagnostic messages written out by a DB2 instance or any of its databases can be found in various log files. This table consolidates key diagnostic messages valuable for problem determination. Only messages which are less than one minute old are being returned on the first call. Subsequent queries will contain only newer messages.

This data set contains the following attributes:

Database Name

Database name The type is string.

The following names are defined for this attribute: Database Name (caption), dbname (attribute name), and DBNAME (column name).

Full Text of the Message

Full text of the message The type is string.

The following names are defined for this attribute: Full Text of the Message (caption), msgtext (attribute name), and MSGTEXT (column name).

MSGID

Unique message identifier The type is string.

The following names are defined for this attribute: MSGID (caption), msgid (attribute name), and MSGID (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Timezone Displacement

This the displacement from GMT, like -300 minutes for EST The type is integer (32-bit numeric property).

The following names are defined for this attribute: Timezone Displacement (caption), timezone (attribute name), and TIMEZONE (column name).

DB2 HADR data set

[KUD_DB2_HADR] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italic* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Application Current Connections

Applications currently connected The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPLS_CUR_CONS or CURCONNS (historical name), *Application Current Connections* (caption), appls_cur_cons (attribute name), and CURCONNS (column name).

Connect Status

The current HADR connection status of the database The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Connected (0), Congested (1), Disconnected (2), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_CONNECT_STATUS or CONNSTATUS (historical name), *Connect Status* (caption), hadr_connect_status (attribute name), and CONNSTATUS (column name).

Database Status

Database status The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Active (0), Quiesce Pending (1), Quiesced (2), Roll Forward (3), Active Standby (4), Standby (5), Unknown (-1), Inactive (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_STATUS or DBSTATUS (historical name), *Database Status* (caption), db_status (attribute name), and DBSTATUS (column name).

DB Name

Database Name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNAME (historical name), *DB Name* (caption), db_name (attribute name), and DBNAME (column name).

DB Partition

The DB2 database partition node number. This attribute is a key attribute. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2), All Partitions (-3). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PARTITION (historical name), *DB Partition* (caption), db_partition (attribute name), and PARTITION (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), *Instance Name* (caption), instance_name (attribute name), and INAME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Role

The current HADR role of the database The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Standard (0), Primary (1), Standby (2), Unknown (-1), N/A (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_ROLE or ROLE (historical name), *Role* (caption), hadr_role (attribute name), and ROLE (column name).

State

The current HADR state of the database The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Disconnected (0), Local Catchup (1), Remote Catchup Pending (2), Remote Catchup (3), Peer (4), Disconnected Peer (5), Unknown (-1), Inactive (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_STATE or STATE (historical name), *State* (caption), hadr_state (attribute name), and STATE (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Connect Time

One of the following: HADR connection time, HADR conection time, or HADR disconnection time The type is timestamp.

The following names are defined for this attribute: HADR_CONNECT_TIME or CONNTIME (historical name), Connect Time (caption), hadr_connect_time (attribute name), and CONNTIME (column name).

DB Alias

Database alias The type is string.

The following names are defined for this attribute: DB_ALIAS or DBA (historical name), DB Alias (caption), db_alias (attribute name), and DBA (column name).

DB Location

Database location The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Local (1), Remote (2), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_LOCATION or DBLOC (historical name), DB Location (caption), db_location (attribute name), and DBLOC (column name).

Heartbeat

The number of missed hartbeat on the HADR connection The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_HEARTBEAT or HEARTBEAT (historical name), Heartbeat (caption), hadr_heartbeat (attribute name), and HEARTBEAT (column name).

Local Host

The local HADR host name. The value is displayed as a host name or IP address string. The type is string.

The following names are defined for this attribute: HADR_LOCAL_HOST or LOCALHOST (historical name), Local Host (caption), hadr_local_host (attribute name), and LOCALHOST (column name).

Local Service

The local HADR TCP service. This value is displayed as a service name string or a port number string. The type is string.

The following names are defined for this attribute: HADR_LOCAL_SERVICE or LOCALSVC (historical name), Local Service (caption), hadr_local_service (attribute name), and LOCALSVC (column name).

Log Gap

The average of the gap between primary log sequence number (LSN) and the standby LSN. The gap is measured in the number of bytes. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_LOG_GAP or LOGGAP (historical name), Log Gap (caption), hadr_log_gap (attribute name), and LOGGAP (column name).

Peer Window

Database HADR peer windows configuration The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1), N/A (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_PEER_WINDOW or PEERWINDOW (historical name), Peer Window (caption), hadr_peer_window (attribute name), and PEERWINDOW (column name).

Peer Window End

The point in time until which a HADR primary database promises to stay in peer or disconnected peer state, as long as the primary database is active The type is timestamp.

The following names are defined for this attribute: HADR_PEER_WINDOW_END or PWINEND (historical name), Peer Window End (caption), hadr_peer_window_end (attribute name), and PWINEND (column name).

Primary Log File

The name of the current log file on the primary HADR database The type is string.

The following names are defined for this attribute: HADR_PRIMARY_LOG_FILE or PLOGFILE (historical name), Primary Log File (caption), hadr_primary_log_file (attribute name), and PLOGFILE (column name).

Primary Log LSN

The current log position of the primary HADR database. Log sequence number (LSN) is a byte offset in the database's log stream The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_PRIMARY_LOG_LSN or PLOGLSN (historical name), Primary Log LSN (caption), hadr_primary_log_lsn (attribute name), and PLOGLSN (column name).

Primary Log Page

The page number in the current log file indicating the current position on the primary HADR database The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_PRIMARY_LOG_PAGE or PLOGPAGE (historical name), Primary Log Page (caption), `hadr_primary_log_page` (attribute name), and PLOGPAGE (column name).

Remote Host

The remote HADR host name. The value is displayed as a host name or IP address string. The type is string.

The following names are defined for this attribute: HADR_REMOTE_HOST or REMOTEHOST (historical name), Remote Host (caption), `hadr_remote_host` (attribute name), and REMOTEHOST (column name).

Remote Instance

The remote HADR instance name The type is string.

The following names are defined for this attribute: HADR_REMOTE_INSTANCE or REMOTEINST (historical name), Remote Instance (caption), `hadr_remote_instance` (attribute name), and REMOTEINST (column name).

Remote Service

The remote HADR TCP service. This value is displayed as a service name string or a port number string. The type is string.

The following names are defined for this attribute: HADR_REMOTE_SERVICE or REMOTESVC (historical name), Remote Service (caption), `hadr_remote_service` (attribute name), and REMOTESVC (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIMESTAMP or SNAPTIME (historical name), Snapshot Timestamp (caption), `snapshot_timestamp` (attribute name), and SNAPTIME (column name).

Standby Log File

The name of the current log file on the standby HADR database The type is string.

The following names are defined for this attribute: HADR_STANDBY_LOG_FILE or SLOGFILE (historical name), Standby Log File (caption), `hadr_standby_log_file` (attribute name), and SLOGFILE (column name).

Standby Log LSN

The current log position of the standy HADR database. Log sequence number (LSN) is a byte offset in the database's log stream The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_STANDBY_LOG_LSN or SLOGLSN (historical name), Standby Log LSN (caption), `hadr_standby_log_lsn` (attribute name), and SLOGLSN (column name).

Standby Log Page

The page number in the current log file indicating the current position on the standby HADR database The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_STANDBY_LOG_PAGE or SLOGPAGE (historical name), Standby Log Page (caption), `hadr_standby_log_page` (attribute name), and SLOGPAGE (column name).

Syncmode

The current HADR synchronization mode of the database. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Sync (0), Nearsync (1), Async (2), Unknown (-1), N/A (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_SYNCMODE or SYNCMODE (historical name), Syncmode (caption), *hadr_syncmode* (attribute name), and SYNCMODE (column name).

Timeout

The number of seconds without any communication from its partner after which an HADR server will consider that the connection between them has failed. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), Unknown (-1), N/A (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_TIMEOUT or TIMEOUT (historical name), Timeout (caption), *hadr_timeout* (attribute name), and TIMEOUT (column name).

DB2 HADR01 data set

[KUD_DB2_HADR01] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italic* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

DB Name

The name of database. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_NAME or DBNAME (historical name), *DB Name* (caption), *db_name* (attribute name), and DBNAME (column name).

HADR Disconnect Time Left

Time left to close HADR connection in seconds. Derived from Heartbeat Timeout and Time Since Last Recv. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_DISCONNECT_TIME_LEFT or HADRDTL (historical name), *HADR Disconnect Time Left* (caption), *hadr_disconnect_time_left* (attribute name), and HADRDTL (column name).

HADR Log Delay

Calculated HADR log delay in seconds. Derived from Primary Log Time and Standby Log Time. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_LOG_DELAY or LOGDELAY (historical name), *HADR Log Delay* (caption), *hadr_log_delay* (attribute name), and LOGDELAY (column name).

HADR Log Gap

Shows the recent average of the gap between the value PRIMARY LOG POS and value STANDBY LOG POS. The gap is measured in number of kilobytes. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_LOG_GAP or LOGGAP (historical name), *HADR Log Gap* (caption), *hadr_log_gap* (attribute name), and LOGGAP (column name).

HADR Role

The current High Availability Disaster Recovery role of the database. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: PRIMARY (0), PRINCIPLE STANDBY (1), AUXILARY STANDBY (2), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_ROLE or HADRROLE (historical name), *HADR Role* (caption), *hadr_role* (attribute name), and HADRROLE (column name).

HADR State

The current High Availability Disaster Recovery state of the database. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: DISCONNECTED (0), LOCAL CATCHUP (1), REMOTE CATCHUP PENDING (2), REMOTE CATCHUP (3), PEER (4), DISCONNECTED PEER (5), UNKNOWN (-1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_STATE or HADRSTATE (historical name), *HADR State* (caption), *hadr_state* (attribute name), and HADRSTATE (column name).

Heartbeat Miss Rate

The rate of missed heartbeats. It is derived from Heartbeat Expected and Heartbeat Missed. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HEARTBEAT_MISS_RATE or HBMISSRATE (historical name), *Heartbeat Miss Rate* (caption), *heartbeat_miss_rate* (attribute name), and HBMISSRATE (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), *Instance Name* (caption), *instance_name* (attribute name), and INAME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Overall HADR Status

The comprehensive HADR connection status for all partner databases. The status returns 'Critical' when HADR state for primary database or principle standby is DISCONNECTED. It is derived as 'Warning' if the HADR state for auxiliary/secondary standby is DISCONNECTED. Otherwise the peer DB status is 'Normal'. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Normal (0), Critical (1), Warning (2), UNKNOWN (-1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OVERALL_STATUS or STATUSALL (historical name), *Overall HADR Status* (caption), *overall_status* (attribute name), and STATUSALL (column name).

Primary Host

The value of the configuration parameter *hadr_local_host* of the member on the primary host that is processing the log stream. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRIMARY_MEMBER_HOST or PRIMHOST (historical name), *Primary Host* (caption), *primary_member_host* (attribute name), and PRIMHOST (column name).

Primary Instance

The DB2 instance name on the primary host that is processing the log stream. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRIMARY_INSTANCE or PRIMINST (historical name), *Primary Instance* (caption), primary_instance (attribute name), and PRIMINST (column name).

Query Timestamp

Date/Time of query execution. The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_TIMESTAMP or QTIME (historical name), *Query Timestamp* (caption), query_timestamp (attribute name), and QTIME (column name).

Standby Error Time

Timestamp of the last error message logged by the standby database. The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_ERROR_TIME or SBERRTIME (historical name), *Standby Error Time* (caption), standby_error_time (attribute name), and SBERRTIME (column name).

Standby Host

The value of the configuration parameter hadr_local_host of the standby member that is processing the log stream. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_MEMBER_HOST or STNDBYHST (historical name), *Standby Host* (caption), standby_member_host (attribute name), and STNDBYHST (column name).

Standby Instance

The DB2 instance name of the standby member that is processing the log stream. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_INSTANCE or STNDBYINST (historical name), *Standby Instance* (caption), standby_instance (attribute name), and STNDBYINST (column name).

Standby Key Rotation Error

Returns YES, if the standby database encountered a master key rotation error. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_KEY_ROTATION_ERROR or SBKEYROTTER (historical name), *Standby Key Rotation Error* (caption), standby_key_rotation_error (attribute name), and SBKEYROTTER (column name).

Standby Log Device Full

Returns YES, if the standby log device is full. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_LOG_DEVICE_FULL or SBLOGDVCFL (historical name), *Standby Log Device Full* (caption), standby_log_device_full (attribute name), and SBLOGDVCFL (column name).

Standby Receive Blocked

Returns YES, if the standby database temporarily cannot receive logs. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_RECV_BLOCKED or SBRCVBLK (historical name), *Standby Receive Blocked* (caption), standby_recv_blocked (attribute name), and SBRCVBLK (column name).

Standby Receive Replay Gap

The recent average in kilobytes, of the gap between the standby log receive position and the standby log replay position. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_REC_REPL_GAP or STNBRRG (historical name), *Standby Receive Replay Gap* (caption), standby_rec_repl_gap (attribute name), and STNBRRG (column name).

Standby Replay Not on Preferred

Returns YES, if the current replay member on the standby is not the preferred replay member. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_REPLY_NOT_ON_PREFERRED or SBRPLNPREF (historical name), *Standby Replay Not on Preferred* (caption), standby_reply_not_on_preferred (attribute name), and SBRPLNPREF (column name).

Standby Replay Only Window Active

Indicates whether the DDL or maintenance-operation replay is in progress on the standby. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: INACTIVE (0), ACTIVE (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_REPLY_ONLY_WINDOW_ACTIVE or SBRPLWNACT (historical name), *Standby Replay Only Window Active* (caption), standby_reply_only_window_active (attribute name), and SBRPLWNACT (column name).

Standby Tablespace Error

Returns YES, if a table space of standby database is in an invalid error state and can no longer replay transactions affecting it. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_TABLESPACE_ERROR or SBTBLSPEERR (historical name), *Standby Tablespace Error* (caption), standby_tablespace_error (attribute name), and SBTBLSPEERR (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Assisted Member Active

Returns YES, if the member on primary database that is being assisted is active during assisted remote catchup. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ASSISTED_MEMBER_ACTIVE or ASMEMACT (historical name), Assisted Member Active (caption), assisted_member_active (attribute name), and ASMEMACT (column name).

HADR Syncmode

The current High Availability Disaster Recovery synchronization mode of the database. The type is string with enumerated values. The following values are defined: SYNC (SYNC), NEARSYNC (NEARSYNC), ASYNC (ASYNC), SUPERASYNC (SUPERASYNC), Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_SYNCMODE or SYNCMODE (historical name), HADR Syncmode (caption), hadr_syncmode (attribute name), and SYNCMODE (column name).

HADR Timeout

Represents the time period in seconds lapsed, since an HADR database server has confirmed its connection to the partner database is failed, and there is no communication from the partner database. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_TIMEOUT or TIMEOUT (historical name), HADR Timeout (caption), hadr_timeout (attribute name), and TIMEOUT (column name).

HADR Wait Time per Log Flush

Average log HADR wait time in seconds. Derived as average of Log HADR Wait Time and Log HADR Waits Total. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_WAIT_TIME_PER_LOG_FLUSH or WAITPERLOG (historical name), HADR Wait Time per Log Flush (caption), hadr_wait_time_per_log_flush (attribute name), and WAITPERLOG (column name).

Peer Wait Limit

Represents the value of registry variable DB2_HADR_PEER_WAIT_LIMIT that is used to limit the primary logging wait time in the peer state. The unit is in second. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PEER_WAIT_LIMIT or PEERWAIT (historical name), Peer Wait Limit (caption), peer_wait_limit (attribute name), and PEERWAIT (column name).

Peer Window

Represents a value (in seconds) of hadr_peer_window, a configurable parameter of database. This is the configured amount of time for which a HADR primary-standby database pair continues to behave as in a disconnected peer state when the primary database loses connection with the standby database. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: HADR_PEER_WINDOW or PEERWINDOW (historical name), Peer Window (caption), hadr_peer_window (attribute name), and PEERWINDOW (column name).

Primary Log File

The name of the current log file on the primary HADR database. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRIMARY_LOG_FILE or PRIMLOGF (historical name), Primary Log File (caption), primary_log_file (attribute name), and PRIMLOGF (column name).

Read on Standby Enabled

Indicates whether the Reads on standby feature is enabled. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: READ_ON_STANDBY_ENABLED or HADRROS (historical name), Read on Standby Enabled (caption), read_on_standby_enabled (attribute name), and HADRROS (column name).

Standby Log File

The name of the current log file on the standby HADR database. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_LOG_FILE or STNDBYLOGF (historical name), Standby Log File (caption), standby_log_file (attribute name), and STNDBYLOGF (column name).

Standby Receive Buffer Percent

Indicates the percentage of standby log receiving buffer that is being used during log shipping. When spooling is enabled, standby can continue to receive logs even when receive buffer is full (that is 100% used). The type is real number (64-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_REC_BUF_PER or SRBPER (historical name), Standby Receive Buffer Percent (caption), standby_rec_buf_per (attribute name), and SRBPER (column name).

Standby Replay Log File

The name of the log file corresponding to the standby replay log position on the currently active log stream. The type is string with enumerated values. The following values are defined: Not Available (N/A), Not Collected (N/C). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_REPL_LOG_FILE or SBREPLLOG (historical name), Standby Replay Log File (caption), standby_repl_log_file (attribute name), and SBREPLLOG (column name).

Standby Spool Limit

The maximum number of pages to spool. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: DISABLED (0), NO LIMIT (-1), Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_SPOOL_LIMIT or SBSPOLLIM (historical name), Standby Spool Limit (caption), standby_spool_limit (attribute name), and SBSPOLLIM (column name).

Standby Spool Percent

The percentage of spool space used, relative to the configured spool limit. The type is real number (64-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STANDBY_SPOOL_PCT or SBSPLPCT (historical name), Standby Spool Percent (caption), standby_spool_pct (attribute name), and SBSPLPCT (column name).

DB2 Locking Conflict data set

[KUDLOCKCONFLICT00]

This data set contains the following attributes:

Agent ID

Application handle The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID or UA1 (historical name), Agent ID (caption), agent_id (attribute name), and UA1 (column name).

Agent ID Holding Lock

Application holding the lock The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENT_ID_HOLDING_LK or UA12 (historical name), Agent ID Holding Lock (caption), agent_id_holding_lk (attribute name), and UA12 (column name).

Appl ID

Application Id This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_ID or UA2 (historical name), Appl ID (caption), appl_id (attribute name), and UA2 (column name).

Appl ID (Unicode)

Application Id The type is string.

The following names are defined for this attribute: APPL_ID_U or UUA2 (historical name), Appl ID (Unicode) (caption), appl_id_u (attribute name), and UUA2 (column name).

Appl ID Holding Lock

Appl. holding the lock This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPL_ID_HOLDING_LK or UA13 (historical name), Appl ID Holding Lock (caption), appl_id_holding_lk (attribute name), and UA13 (column name).

Appl ID Holding Lock (Unicode)

Appl. holding the lock The type is string.

The following names are defined for this attribute: APPL_ID_HOLDING_LK_U or UUA13 (historical name), Appl ID Holding Lock (Unicode) (caption), appl_id_holding_lk_u (attribute name), and UUA13 (column name).

Appl Name

Application Name The type is string.

The following names are defined for this attribute: APPL_NAME or UA3 (historical name), Appl Name (caption), appl_name (attribute name), and UA3 (column name).

Appl Name (Unicode)

Application Name The type is string.

The following names are defined for this attribute: APPL_NAME_U or UUA3 (historical name), Appl Name (Unicode) (caption), appl_name_u (attribute name), and UUA3 (column name).

Appl Status

Application Status The type is string with enumerated values. The following values are defined: Backing Up Database (Backing_Up_Database), Commit Active (Commit_Active), Compiling SQL Stmt (Compiling_SQL_Stmt), Connect Pending (Connect_Pending), Connected (Connected), Creating Database (Creating_Database), Disconnect Pending (Disconnect_Pending), I/O Error Waiting (I/O_Error_Waiting), Loading Database (Loading_Database), Lock Waiting (Lock_Waiting), Prepared

Transaction (Prepared_Transaction), Quiescing a Tablespace (Quiescing_a_Tablespace), Recompiling Plan (Recompiling_Plan), Request Interrupted (Request_Interrupted), Restarting Database (Restarting_Database), Restoring Database (Restoring_Database), Rollback Active (Rollback_Active), Trans. heuristically aborted (Trans._heuristically_aborted), Trans. heuristically committed (Trans._heuristically_committed), Transaction ended (Transaction_ended), UOW Executing (UOW_Executing), UOW Waiting in the application (UOW_Waiting_in_the_application), Unknown (Unknown), Unloading Database (Unloading_Database). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPL_STATUS or UA4 (historical name), Appl Status (caption), appl_status (attribute name), and UA4 (column name).

Auth ID

Authorization Id The type is string.

The following names are defined for this attribute: AUTH_ID or UA6 (historical name), Auth ID (caption), auth_id (attribute name), and UA6 (column name).

Auth ID (Unicode)

Authorization Id The type is string.

The following names are defined for this attribute: AUTH_ID_U or UUA6 (historical name), Auth ID (Unicode) (caption), auth_id_U (attribute name), and UUA6 (column name).

Client DB Alias

Client Database Alias The type is string.

The following names are defined for this attribute: CLIENT_DB_ALIAS or UA7 (historical name), Client DB Alias (caption), client_db_alias (attribute name), and UA7 (column name).

Client DB Alias (Unicode)

Client Database Alias The type is string.

The following names are defined for this attribute: CLIENT_DB_ALIAS_U or UUA7 (historical name), Client DB Alias (Unicode) (caption), client_db_alias_U (attribute name), and UUA7 (column name).

Codepage ID

codepage/CCSID at node where app started The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CODEPAGE_ID or UA9 (historical name), Codepage ID (caption), codepage_id (attribute name), and UA9 (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or UA24 (historical name), DB Partition (caption), db_partition (attribute name), and UA24 (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Lock Escalation

Was this lock part of an escalation The type is string with enumerated values. The following values are defined: No (No), Yes (Yes). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_ESCALATION or UA17 (historical name), Lock Escalation (caption), lock_escalation (attribute name), and UA17 (column name).

Lock Mode

Mode of Lock waited on The type is string with enumerated values. The following values are defined: Exclusive Lock (Exclusive_Lock), Intent None (Intent_None), Intn Excl Lock (Intn_Excl_Lock), Intn Share Lock (Intn_Share_Lock), No Lock (No_Lock), Share Lock (Share_Lock), Shr Int Ex Lck (Shr_Int_Ex_Lck), Super Excl Lck (Super_Excl_Lck), U-Lock (U-Lock), Unknown (Unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_MODE or UA19 (historical name), Lock Mode (caption), lock_mode (attribute name), and UA19 (column name).

Lock Object Type

lock object type row table ... The type is string with enumerated values. The following values are defined: BLOCK LOCK (BLOCK_LOCK), EOT LOCK (EOT_LOCK), KEYVALUE LOCK (KEYVALUE_LOCK), INPLACE REORG (INPLACE_REORG), INTERNAL (INTERNAL), INTERNALB LOCK (INTERNALB_LOCK), INTERNALC LOCK (INTERNALC_LOCK), INTERNALJ LOCK (INTERNALJ_LOCK), INTERNALL LOCK (INTERNALL_LOCK), INTERNALO LOCK (INTERNALO_LOCK), INTERNALP LOCK (INTERNALP_LOCK), INTERNALQ LOCK (INTERNALQ_LOCK), INTERNALS LOCK (INTERNALS_LOCK), INTERNALT LOCK (INTERNALT_LOCK), INTERNALV LOCK (INTERNALV_LOCK), No Lock (No_Lock), ROW (ROW), SYSBOOT LOCK (SYSBOOT_LOCK), TABLE (TABLE), TABLESPACE (TABLESPACE), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_OBJECT_TYPE or UA20 (historical name), Lock Object Type (caption), lock_object_type (attribute name), and UA20 (column name).

Lock Wait Start Time

Time when lock wait entered The type is string.

The following names are defined for this attribute: LOCK_WAIT_START_TIME or UA18 (historical name), Lock Wait Start Time (caption), lock_wait_start_time (attribute name), and UA18 (column name).

Lock Wait Start Timestamp

Time when lock wait entered The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_START_TIME_TIMESTAMP or UA23 (historical name), Lock Wait Start Timestamp (caption), lock_wait_start_time_timestamp (attribute name), and UA23 (column name).

Lock Wait Time

total wait time in seconds The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME_64 or LCKWTI64 (historical name), Lock Wait Time (caption), lock_wait_time_64 (attribute name), and LCKWTI64 (column name).

Lock Wait Time (Superseded)

total wait time in seconds The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT_TIME or UA11 (historical name), Lock Wait Time (Superseded) (caption), lock_wait_time (attribute name), and UA11 (column name).

Locks Held

locks currently held by appl. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_HELD_64 or LCKHLD64 (historical name), Locks Held (caption), locks_held_64 (attribute name), and LCKHLD64 (column name).

Locks Held (Superseded)

locks currently held by appl. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCKS_HELD or UA10 (historical name), Locks Held (Superseded) (caption), locks_held (attribute name), and UA10 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Snapshot Time

Date/Time of snapshot The type is string.

The following names are defined for this attribute: SNAPSHOT_TIME or UA5 (historical name), Snapshot Time (caption), snapshot_time (attribute name), and UA5 (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or UA21 (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and UA21 (column name).

Status Change Time

last appl status change time The type is string.

The following names are defined for this attribute: STATUS_CHANGE_TIME or UA8 (historical name), Status Change Time (caption), status_change_time (attribute name), and UA8 (column name).

Status Change Timestamp

last appl status change time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATUS_CHANGE_TIME_TIMESTAMP or UA22 (historical name), Status Change Timestamp (caption), status_change_time_timestamp (attribute name), and UA22 (column name).

Table Name

table name The type is string.

The following names are defined for this attribute: TABLE_NAME or UA14 (historical name), Table Name (caption), table_name (attribute name), and UA14 (column name).

Table Name (Unicode)

table name The type is string.

The following names are defined for this attribute: TABLE_NAME_U or UUA14 (historical name), Table Name (Unicode) (caption), table_name_U (attribute name), and UUA14 (column name).

Table Schema

table schema The type is string.

The following names are defined for this attribute: TABLE_SCHEMA or UA15 (historical name), Table Schema (caption), table_schema (attribute name), and UA15 (column name).

Table Schema (Unicode)

table schema The type is string.

The following names are defined for this attribute: TABLE_SCHEMA_U or UUA15 (historical name), Table Schema (Unicode) (caption), table_schema_U (attribute name), and UUA15 (column name).

Tablespace Name

name of the tablespace The type is string.

The following names are defined for this attribute: TABLESPACE_NAME or UA16 (historical name), Tablespace Name (caption), tablespace_name (attribute name), and UA16 (column name).

Tablespace Name (Unicode)

name of the tablespace The type is string.

The following names are defined for this attribute: TABLESPACE_NAME_U or UUA16 (historical name), Tablespace Name (Unicode) (caption), tablespace_name_U (attribute name), and UUA16 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Log data set

[KUD_DB2_LOG]

This data set contains the following attributes:

Arch Retry Delay

Archive retry delay on error The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ARCHRETRYDELAY or ARDELAY (historical name), Arch Retry Delay (caption), archretrydelay (attribute name), and ARDELAY (column name).

Backup Pending

Backup pending The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BACKUP_PENDING or BKPEND (historical name), Backup Pending (caption), backup_pending (attribute name), and BKPEND (column name).

Current Active Log

Current active log file The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), LOGFILE NUM UNKNOWN (4294967295). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CURRENT_ACTIVE_LOG or CACTLOG (historical name), Current Active Log (caption), current_active_log (attribute name), and CACTLOG (column name).

Current Archive Log

Current archive log file The type is integer (64-bit numeric property) with enumerated values. The following values are defined: LOGFILE NUM UNKNOWN (4294967295), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CURRENT_ARCHIVE_LOG or CACHLOG (historical name), Current Archive Log (caption), current_archive_log (attribute name), and CACHLOG (column name).

Current Primary Log Used Percent

Percent of current primary log space used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CURR_PRI_LOG_USED_PCT or CPLUP (historical name), Current Primary Log Used Percent (caption), curr_pri_log_used_pct (attribute name), and CPLUP (column name).

Current Secondary Log Used Percent

Percent of current secondary log space used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CURR_SEC_LOG_USED_PCT or CSLUP (historical name), Current Secondary Log Used Percent (caption), curr_sec_log_used_pct (attribute name), and CSLUP (column name).

Database Is Consistent

Database is consistent The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DATABASE_IS_CONSISTENT or DBCONSIS (historical name), Database Is Consistent (caption), database_is_consistent (attribute name), and DBCONSIS (column name).

DB Alias

Database alias The type is string.

The following names are defined for this attribute: DB_ALIAS or DBA (historical name), DB Alias (caption), db_alias (attribute name), and DBA (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), DB Name (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), DB Partition (caption), db_partition (attribute name), and PRTNNO (column name).

Fail Log Path

Fail archive log path The type is string.

The following names are defined for this attribute: FAILARCHPATH or FLPATH (historical name), Fail Log Path (caption), failarchpath (attribute name), and FLPATH (column name).

Fail Log Path Free Size

Free size of fail archive log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILARCHPATH_FREESIZE or FLPF SZ (historical name), Fail Log Path Free Size (caption), failarchpath_freesize (attribute name), and FLPF SZ (column name).

Fail Log Path Total size

Size of fail archive log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FAILARCHPATH_SIZE or FLPSZ (historical name), Fail Log Path Total size (caption), failarchpath_size (attribute name), and FLPSZ (column name).

First Active Log

First active log file The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), LOGFILE NUM UNKNOWN (4294967295). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FIRST_ACTIVE_LOG or FALOG (historical name), First Active Log (caption), first_active_log (attribute name), and FALOG (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Last Active Log

Last active log file The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807), LOGFILE NUM UNKNOWN (4294967295). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_ACTIVE_LOG or LALOG (historical name), Last Active Log (caption), last_active_log (attribute name), and LALOG (column name).

Log Arch Meth1

Primary log archive method The type is string.

The following names are defined for this attribute: LOGARCHMETH1 or LAM1 (historical name), Log Arch Meth1 (caption), logarchmeth1 (attribute name), and LAM1 (column name).

Log Arch Meth1 Free Size

Free size of logarchmeth1 log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGARCHMETH1_FREESIZE or LAM1FSZ (historical name), Log Arch Meth1 Free Size (caption), logarchmeth1_freesize (attribute name), and LAM1FSZ (column name).

Log Arch Meth1 Total Size

Size of logarchmeth1 log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGARCHMETH1_SIZE or LAM1SZ (historical name), Log Arch Meth1 Total Size (caption), logarchmeth1_size (attribute name), and LAM1SZ (column name).

Log Arch Meth2

Secondary log archive method The type is string.

The following names are defined for this attribute: LOGARCHMETH2 or LAM2 (historical name), Log Arch Meth2 (caption), logarchmeth2 (attribute name), and LAM2 (column name).

Log Arch Meth2 Free Size

Free size of logarchmeth2 log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGARCHMETH2_FREESIZE or LAM2FSZ (historical name), Log Arch Meth2 Free Size (caption), logarchmeth2_freesize (attribute name), and LAM2FSZ (column name).

Log Arch Meth2 Total Size

Size of logarchmeth2 log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGARCHMETH2_SIZE or LAM2SZ (historical name), Log Arch Meth2 Total Size (caption), logarchmeth2_size (attribute name), and LAM2SZ (column name).

Log Buffer Size (4KB)

Log buffer size The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGBUFSZ or LBFSZ (historical name), Log Buffer Size (4KB) (caption), logbufsz (attribute name), and LBFSZ (column name).

Log File Size (4KB)

Size of log files The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGFILSIZ or LFSZ (historical name), Log File Size (4KB) (caption), logfilsiz (attribute name), and LFSZ (column name).

Log Held By Dirty Pages

for by Dirty Pages The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_HELD_BY_DIRTY_PAGES or LHBDP (historical name), Log Held By Dirty Pages (caption), log_held_by_dirty_pages (attribute name), and LHBDP (column name).

Log Path

Path to log files The type is string.

The following names are defined for this attribute: LOGPATH or LPATH (historical name), Log Path (caption), logpath (attribute name), and LPATH (column name).

Log Path Free Size

Free size of database log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGPATH_FREESIZE or LPFSZ (historical name), Log Path Free Size (caption), logpath_freesize (attribute name), and LPFSZ (column name).

Log Path Total Size

Size of database log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGPATH_SIZE or LPSZ (historical name), Log Path Total Size (caption), logpath_size (attribute name), and LPSZ (column name).

Log Primary

Number of primary log files The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGPRIMARY or LPRY (historical name), Log Primary (caption), logprimary (attribute name), and LPRY (column name).

Log Read Time

Log Read Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_READ_TIME or LRT (historical name), Log Read Time (caption), log_read_time (attribute name), and LRT (column name).

Log Reads

of log pages read The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_READS or LOGRD (historical name), Log Reads (caption), log_reads (attribute name), and LOGRD (column name).

Log Retain

Log retain enable configuration parameter. It is deprecated in Version 9.5, but is still being used by pre-Version 9.5 data servers and clients. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: OFF (0), RECOVERY (1), CAPTURE (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGRETAIN or LRETAIN (historical name), Log Retain (caption), logretain (attribute name), and LRETAIN (column name).

Log Second

Number of secondary log files The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGSECOND or LSEC (historical name), Log Second (caption), logsecond (attribute name), and LSEC (column name).

Log to Redo for Recovery

Amount of Log to be Redone for Recovery The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_TO_REDO_FOR_RECOVERY or LTEFR (historical name), Log to Redo for Recovery (caption), log_to_redo_for_recovery (attribute name), and LTEFR (column name).

Log Write Time

Log Write Time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_WRITE_TIME or LWT (historical name), Log Write Time (caption), log_write_time (attribute name), and LWT (column name).

Log Writes

of log pages written The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOG_WRITES or LOGWRT (historical name), Log Writes (caption), log_writes (attribute name), and LOGWRT (column name).

Mirror Log Path

Mirror log path The type is string.

The following names are defined for this attribute: MIRROR_LOG_PATH or MLPATH (historical name), Mirror Log Path (caption), mirror_log_path (attribute name), and MLPATH (column name).

Mirror Log Path Free Size

Free size of mirror database log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MIRROR_LOG_PATH_FREESIZE or MLPFSZ (historical name), Mirror Log Path Free Size (caption), mirror_log_path_freesize (attribute name), and MLPFSZ (column name).

Mirror Log Path Total Size

Size of mirror database log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MIRROR_LOG_PATH_SIZE or MLPSZ (historical name), Mirror Log Path Total Size (caption), mirror_log_path_size (attribute name), and MLPSZ (column name).

New Log Path

Change the database log path The type is string.

The following names are defined for this attribute: NEWLOGPATH or NLPATH (historical name), New Log Path (caption), newlogpath (attribute name), and NLPATH (column name).

New Log Path Free Size

Free size of the database log path changed The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NEWLOGPATH_FREESIZE or NLPFSZ (historical name), New Log Path Free Size (caption), newlogpath_freesize (attribute name), and NLPFSZ (column name).

New Log Path Total Size

Size of the database log path changed The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NEWLOGPATH_SIZE or NLPSZ (historical name), New Log Path Total Size (caption), newlogpath_size (attribute name), and NLPSZ (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Num Arch Retry

Number of retries on error The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUMARCHRETRY or NARETRY (historical name), Num Arch Retry (caption), numarchretry (attribute name), and NARETRY (column name).

Num Log Buffer Full

Number of Full Log Buffers The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_BUFFER_FULL or NLBFF (historical name), Num Log Buffer Full (caption), num_log_buffer_full (attribute name), and NLBFF (column name).

Num Log Data Found in Buffer

Number of Log Data Found In Buffer The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_DATA_FOUND_IN_BUFFER or NLDFIBF (historical name), Num Log Data Found in Buffer (caption), num_log_data_found_in_buffer (attribute name), and NLDFIBF (column name).

Num Log Part Page IO

Number of Partial Log Page Writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_PART_PAGE_IO or NLPPPIO (historical name), Num Log Part Page IO (caption), num_log_part_page_io (attribute name), and NLPPPIO (column name).

Num Log Read IO

Number of Log Reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_READ_IO or NLRIO (historical name), Num Log Read IO (caption), num_log_read_io (attribute name), and NLRIO (column name).

Num Log Write IO

Number of Log Writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_LOG_WRITE_IO or NLWIO (historical name), Num Log Write IO (caption), num_log_write_io (attribute name), and NLWIO (column name).

Overflow Log Path

Overflow log path The type is string.

The following names are defined for this attribute: OVERFLOWLOGPATH or OLPATH (historical name), Overflow Log Path (caption), overflowlogpath (attribute name), and OLPATH (column name).

Overflow Log Path Free Size

Free size of overflow database log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OVERFLOW_LOG_PATH_FREESIZE or OLPFSZ (historical name), Overflow Log Path Free Size (caption), overflow_log_path_freesize (attribute name), and OLPFSZ (column name).

Overflow Log Path Total Size

Size of overflow database log path The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OVERFLOW_LOG_PATH_SIZE or OLPSZ (historical name), Overflow Log Path Total Size (caption), overflow_log_path_size (attribute name), and OLPSZ (column name).

Primary Log Used Percent

Percent Total Log Space Used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected

(-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PRI_LOG_USED_PCT or PLGUP (historical name), Primary Log Used Percent (caption), pri_log_used_pct (attribute name), and PLGUP (column name).

Restore Pending

Restore pending The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RESTORE_PENDING or RSPEND (historical name), Restore Pending (caption), restore_pending (attribute name), and RSPEND (column name).

Rollforward Pending

Rollforward pending The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROLLFORWARD_PENDING or RFPEND (historical name), Rollforward Pending (caption), rollforward_pending (attribute name), and RFPEND (column name).

Sec Log Used Percent

Percent Maximum Secondary Log Space Used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOG_USED_PCT or SLGUP (historical name), Sec Log Used Percent (caption), sec_log_used_pct (attribute name), and SLGUP (column name).

Sec Log Used Top

The maximum amount of secondary log space that has been used The value format is integer. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOG_USED_TOP or SLGUTP (historical name), Sec Log Used Top (caption), sec_log_used_top (attribute name), and SLGUTP (column name).

Sec Logs Allocated

Number of secondary logs allocated The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SEC_LOGS_ALLOCATED or SLGALLC (historical name), Sec Logs Allocated (caption), sec_logs_allocated (attribute name), and SLGALLC (column name).

Snapshot Timestamp

Timestamp of snapshot The type is timestamp.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), Snapshot Timestamp (caption), snapshot_time (attribute name), and SSTIME (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Log Available

Total Log Available The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_AVAILABLE or TLLAB (historical name), Total Log Available (caption), total_log_available (attribute name), and TLLAB (column name).

Total Log Used

The total log space used (in bytes) in the database. The value format is integer. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_USED or TLLUSD (historical name), Total Log Used (caption), total_log_used (attribute name), and TLLUSD (column name).

Total Log Used Percent

$100 * (\text{total_log_used} / (\text{total_log_used} + \text{total_log_available}))$ $100 * (\text{total_log_used} / (\text{total_log_used} + \text{total_log_available}))$ The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_LOG_USED_PCT or TOTLUPCT (historical name), Total Log Used Percent (caption), total_log_used_pct (attribute name), and TOTLUPCT (column name).

Total Log Used Top

maximum amount of total log space (in bytes) that has been used. The value format is integer. Use this attribute to evaluate the amount of primary log space that is allocated. Comparing the value of this attribute with the amount of primary log space that is allocated can help you to evaluate the configuration parameter settings. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOT_LOG_USED_TOP or TLLUTP (historical name), Total Log Used Top (caption), tot_log_used_top (attribute name), and TLLUTP (column name).

User Exit

User exit enable configuration parameter. It is deprecated in Version 9.5, but is still being used by pre-Version 9.5 data servers and clients. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: OFF (0), ON (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USEREXIT or UEXIT (historical name), User Exit (caption), userexit (attribute name), and UEXIT (column name).

DB2 Log Record data set

[KUD_DB2_LOG_RECORD]

This data set contains the following attributes:

Backup ID

Backup identifier or unique table identifier. The type is string.

The following names are defined for this attribute: Backup ID (caption), backup_id (attribute name), and BACKUPID (column name).

DB Alias

Database alias The type is string.

The following names are defined for this attribute: DB Alias (caption), db_alias (attribute name), and DBA (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB Name (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB Partition (caption), db_partition (attribute name), and PRTNNO (column name).

Device Type

Identifier for the device type associated with a logged event. The type is string with enumerated values. The following values are defined: TSM (A), Client (C), Disk (D), diskette (K), Local (L), generated internally by DB2 (N), Other (O), Pipe (P), Cursor (Q), Remote fetch data (R), Server (S), Tape (T), Userexit (U). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Device Type (caption), device_type (attribute name), and DEVTYPE (column name).

End Timestamp

Timestamp marking the end of a logged event. The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: End Timestamp (caption), end_time (attribute name), and ETIME (column name).

Entry Status

Identifier for the status of an entry in the history file. The type is string with enumerated values. The following values are defined: Active (A), Deleted (D), Expired (E), Inactive (I), Not yet committed (N), Committed or active (Y). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Entry Status (caption), entry_status (attribute name), and ENTRYSTATUS (column name).

First Log

Name of the earliest transaction log associated with an event. The type is string.

The following names are defined for this attribute: First Log (caption), first_log (attribute name), and FLOG (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 Instance name of DB2 The type is string.

The following names are defined for this attribute: Instance Name (caption), instance_name (attribute name), and INAME (column name).

Last Log

Name of the latest transaction log associated with an event. The type is string.

The following names are defined for this attribute: Last Log (caption), last_log (attribute name), and LLOG (column name).

Location

Full path name for files. The type is string.

The following names are defined for this attribute: Location (caption), location (attribute name), and LOCATION (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Object Type

Identifier for the target object of an operation The type is string with enumerated values. The following values are defined: full database (D), table space (P), table (T). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Object Type (caption), object_type (attribute name), and OBJTYPE (column name).

Operation

Operation identifier The type is string with enumerated values. The following values are defined: Add table space (A), Backup (B), Load copy (C), Dropped table (D), Rollforward (F), Reorganize table (G), Load (L), Rename table space (N), Drop table space (O), Quiesce (Q), Restore (R), Alter table space (T), Unload (U), Archive logs (X). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Operation (caption), operation (attribute name), and OPER (column name).

Operation Type

Action identifier for an operation. The type is string with enumerated values. The following values are defined: fail archive path (F), mirror log path (M), forced truncation via ARCHIVE LOG command (N), primary log path (P), first log archive method (1), second log archive method (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Operation Type (caption), operation_type (attribute name), and OPERTYPE (column name).

Sequence Number

Sequence number The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Sequence Number (caption), SEQNUM (attribute name), and SEQNUM (column name).

Snapshot Timestamp

Timestamp of snapshot The type is timestamp.

The following names are defined for this attribute: Snapshot Timestamp (caption), snapshot_time (attribute name), and SSTIME (column name).

Start Timestamp

Timestamp marking the start of a logged event. The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Start Timestamp (caption), start_time (attribute name), and STIME (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Uniquely Identifies

Number that uniquely identifies an entry in the history file The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: Uniquely Identifies (caption), eid (attribute name), and EID (column name).

DB2 Network Info data set

The attributes of this table are network information use by DB2.

This data set contains the following attributes:

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or DBPRTNNUM (historical name), DB Partition (caption), db_partition (attribute name), and DBPRTNNUM (column name).

DB2 Server Name

The name of the DB2 server. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: SERVER_NAME or SVR_NAME (historical name), DB2 Server Name (caption), server_name (attribute name), and SVR_NAME (column name).

IP Address

The ip address used by the DB2 server. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: IP_ADDRESS or IPADDR (historical name), IP Address (caption), ip_address (attribute name), and IPADDR (column name).

IP Protocol

The ip protocol type of the DB2 server. This attribute is a key attribute. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: IPv4 (4), IPv6 (41), Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: IP_PROTOCOL or IPTYPE (historical name), IP Protocol (caption), ip_protocol (attribute name), and IPTYPE (column name).

Listener Port

The TCP/IP port which a database server will used in communication with a remote client. This attribute is a key attribute. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LISTENER_PORT or PORT (historical name), Listener Port (caption), listener_port (attribute name), and PORT (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

DB2 Slow SQL Stmt's data set

[DB2_Slow_SQL_Stmts] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is

maintained for 8 days by default. The attributes shown in italic are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Active State

The SQL STATE returned by DB2 The type is string.

The following names are defined for this attribute: ACTIVE_STATE or ACTSTAT (historical name), *Active State* (caption), Active_State (attribute name), and ACTSTAT (column name).

DB Name

Database name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), *DB Name* (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), *DB Partition* (caption), db_partition (attribute name), and PRTNNO (column name).

Duration

Total SQL statement duration The type is string.

The following names are defined for this attribute: DURATION or SQLDUR (historical name), *Duration* (caption), duration (attribute name), and SQLDUR (column name).

Executable ID

An unique identifier for that SQL statement. The type is string.

The following names are defined for this attribute: EXECUTABLE_ID or EXECUTEID (historical name), *Executable ID* (caption), executable_id (attribute name), and EXECUTEID (column name).

Instance Name

OPTION: ATTR_DESCRIPTION=Instance name of DB2 The name of the monitored DB2 instance. The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), *Instance Name* (caption), instance_name (attribute name), and INAME (column name).

Lock wait

The total number of times that applications or connections waited for locks. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCK_WAIT or LCKWAIT (historical name), *Lock wait* (caption), lock_wait (attribute name), and LCKWAIT (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Statement Text

sql statement text The type is string.

The following names are defined for this attribute: STMT_TEXT or STMTTXT (historical name), *Statement Text* (caption), stmt_text (attribute name), and STMTTXT (column name).

Statement Type

SQL statement type The type is string with enumerated values. The following values are defined: NON-STATEMENT OPERATION (NON-STATEMENT_OPERATION), UNKNOWN STMT TYPE (UNKNOWN_STMT_TYPE), Dynamic (D), Static (S). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_TYPE or SQLTYPE (historical name), *Statement Type* (caption), stmt_type (attribute name), and SQLTYPE (column name).

Stmt Start Timestamp

SQL statement operation start time The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STMT_START_TIME or STIME (historical name), *Stmt Start Timestamp* (caption), stmt_start_time (attribute name), and STIME (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

DB2 System Overview data set

[KUD_DB2_System_Overview] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every minute and is maintained for 8 days by default. The attributes shown in *italic* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Buff Used Percent

percentage of buffer used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUF_USED_PCT or BUSDP (historical name), *Buff Used Percent* (caption), buf_used_pct (attribute name), and BUSDP (column name).

CPU Used Pct

The percentage of CPU used on the system by specific DB2 instance DB2 returns this value as SMALLINT. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INST_CPU_USAGE_PCT or INSTCUP (historical name), *CPU Used Pct* (caption), inst_cpu_usage_pct (attribute name), and INSTCUP (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a

key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2), Not Available (-4). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), *DB Partition* (caption), db_partition (attribute name), and PRTNNO (column name).

DB2 Instance Status

Status of the DB2 instance. The type is string with enumerated values. The following values are defined: Active (Active), Inactive/Busy (InActive/Busy), Quiesce Pending (Quiesce_Pending), Quiesced (Quiesced), Unknown (Unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB2_STATUS or DB2STAT (historical name), *DB2 Instance Status* (caption), db2_status (attribute name), and DB2STAT (column name).

DB2 Server Type

The type of database manager being monitored. The type is string with enumerated values. The following values are defined: Client with local databases (Client_with_local_databases), Client/Server (Client/Server), Host Database Server (Host_Database_Server), MPP (MPP), Requestor (Requestor), Satellite (Satellite), Standalone (Standalone), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SERVER_DB2_TYPE or SVRTYP (historical name), *DB2 Server Type* (caption), server_db2_type (attribute name), and SVRTYP (column name).

DB2 Version

Version of the server that is returning the data. The type is string with enumerated values. The following values are defined: 1 (1), 2 (2), 3 (3), 4 (4), 5 (5), 6 (6), 7 (7), 8 (8), 9 (9), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: VERSION (historical name), *DB2 Version* (caption), version (attribute name), and VERSION (column name).

Instance Hostname

The format is instanceid:hostname for all operating systems The type is string.

The following names are defined for this attribute: INSTANCE_HOSTNAME or INSTNHOST (historical name), *Instance Hostname* (caption), Instance_HostName (attribute name), and INSTNHOST (column name).

Instance Name

Name of the monitored DB2 instance. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: unknown (unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), *Instance Name* (caption), instance_name (attribute name), and INAME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Piped Sort Hit Ratio Percent for Interval

pipid sort hit percentage for the interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORT_HIT_RATIO_PCT_FOR_INT or PSHRPI (historical name), *Piped Sort Hit Ratio Percent for Interval* (caption), piped_sort_hit_ratio_pct_for_int (attribute name), and PSHRPI (column name).

Snapshot Timestamp

Date/Time when the database system monitor information was collected. The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME or SSTIME (historical name), *Snapshot Timestamp* (caption), snapshot_time (attribute name), and SSTIME (column name).

Sort Heap Used Percent

The percentage of the allocated sort heap that the DB2 instance used during the monitoring interval. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_HEAP_USED_PCT or SHPUP (historical name), *Sort Heap Used Percent* (caption), sort_heap_used_pct (attribute name), and SHPUP (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Total Memory Allocated

The total allocated memory used by instance. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_TOTAL_MEM_ALLOCATED or DBMEMALLC (historical name), *Total Memory Allocated* (caption), db_total_mem_allocated (attribute name), and DBMEMALLC (column name).

Total Memory Used

The total memory used by instance. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_TOTAL_MEM_USED or DBMEMUSD (historical name), *Total Memory Used* (caption), db_total_mem_used (attribute name), and DBMEMUSD (column name).

Agents Created Empty Pool

Number of agents created because the pool was empty. The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_CREATED_EMPTY_POOL or AGCEPL (historical name), Agents Created Empty Pool (caption), agents_created_empty_pool (attribute name), and AGCEPL (column name).

Agents Created Empty Pool Ratio

agents created because the pool was empty percentage. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_CREATED_EMPTY_POOL_RATIO or AGCEPLR (historical name), Agents Created Empty Pool Ratio (caption), agents_created_empty_pool_ratio (attribute name), and AGCEPLR (column name).

Agents from Pool

Number of agents assigned from pool The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_FROM_POOL or AGFRPL (historical name), Agents from Pool (caption), agents_from_pool (attribute name), and AGFRPL (column name).

Agents Registered

Number of agents registered in DB2 The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_REGISTERED or AGREG (historical name), Agents Registered (caption), agents_registered (attribute name), and AGREG (column name).

Agents Registered Top

agents_registered high water mark The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_REGISTERED_TOP or AGRTOP (historical name), Agents Registered Top (caption), agents_registered_top (attribute name), and AGRTOP (column name).

Agents Stolen

agents stolen The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_STOLEN or ASTLN (historical name), Agents Stolen (caption), agents_stolen (attribute name), and ASTLN (column name).

Agents Waiting on Token

of agents waiting on a token The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_WAITING_ON_TOKEN or AGWTK (historical name), Agents Waiting on Token (caption), agents_waiting_on_token (attribute name), and AGWTK (column name).

Agents Waiting on Token Pct

agents wait on token percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_WAITING_ON_TOKEN_PCT or AGWTP (historical name), Agents Waiting on Token Pct (caption), agents_waiting_on_token_pct (attribute name), and AGWTP (column name).

Agents Waiting Top

agents_waiting high water mark The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_WAITING_TOP or AGWTOP (historical name), Agents Waiting Top (caption), agents_waiting_top (attribute name), and AGWTOP (column name).

Appl Support Layer Heap Size

application support layer heap size The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ASLHEAPSZ or ALSHPSZ (historical name), Appl Support Layer Heap Size (caption), aslheapsz (attribute name), and ALSHPSZ (column name).

Buff Free

Number of FCM buffers currently free The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFF_FREE or BUFREE (historical name), Buff Free (caption), buff_free (attribute name), and BUFREE (column name).

Buff Free Bottom

minimum number of free FCM buffers The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFF_FREE_BOTTOM or BUFBOT (historical name), Buff Free Bottom (caption), buff_free_bottom (attribute name), and BUFBOT (column name).

Buff Max Used Percent

max buffer used percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFF_MAX_USED_PCT or BMXUP (historical name), Buff Max Used Percent (caption), buff_max_used_pct (attribute name), and BMXUP (column name).

CE Free

Number of connection entries currently free The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_FREE or CEFREE (historical name), CE Free (caption), ce_free (attribute name), and CEFREE (column name).

CE Free Bottom

minimum number of free connection entries The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_FREE_BOTTOM or CEFBOT (historical name), CE Free Bottom (caption), ce_free_bottom (attribute name), and CEFBOT (column name).

CE Max Used Percent

max connection entries used percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_MAX_USED_PCT or CEMXUP (historical name), CE Max Used Percent (caption), ce_max_used_pct (attribute name), and CEMXUP (column name).

CE Used Percent

percentage of connection entries used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not

Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_USED_PCT or CEUSDP (historical name), CE Used Percent (caption), ce_used_pct (attribute name), and CEUSDP (column name).

Committed Private Memory

Amount of committed private memory that the instance of the database manager currently has committed at the time of the snapshot. The value format is integer. Use this attribute to assess the MIN_PRIV_MEM configuration parameter to ensure that enough private memory is available. This attribute is returned for all platforms, but tuning can be accomplished only on platforms where DB2 uses threads (such as OS/2(R) and Windows NT(R)). The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMM_PRIVATE_MEM or CPRVMEM (historical name), Committed Private Memory (caption), comm_private_mem (attribute name), and CPRVMEM (column name).

Conn Local Database

Number of local databases with current connects The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CON_LOCAL_DBASES or CLCLDB (historical name), Conn Local Database (caption), con_local_dbases (attribute name), and CLCLDB (column name).

Connection Status

communication connection status The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONNECTION_STATUS or CONSTAT (historical name), Connection Status (caption), connection_status (attribute name), and CONSTAT (column name).

Cons in Exec Percent

The percentage of the maximum number of applications allowed that are connected to a database and processing a unit of work during the monitoring interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONS_IN_EXEC_PCT or CNXCP (historical name), Cons in Exec Percent (caption), cons_in_exec_pct (attribute name), and CNXCP (column name).

Coordinating Agents Top

coordinating agents high water mark The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COORD_AGENTS_TOP or CRDATP (historical name), Coordinating Agents Top (caption), coord_agents_top (attribute name), and CRDATP (column name).

DB2 Available

time the instance has been available since db2_start The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB2_AVAIL or DB2AVAIL (historical name), DB2 Available (caption), db2_avail (attribute name), and DB2AVAIL (column name).

DB2 Start Timestamp

Date/Time that database manager had started using db2start command. The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB2START_TIME or STARTTI (historical name), DB2 Start Timestamp (caption), db2start_time (attribute name), and STARTTI (column name).

DBPG Node Status

list of failing local nodes The type is string.

The following names are defined for this attribute: DBPG_NODE_STATUS or DBPGNSTAT (historical name), DBPG Node Status (caption), dbpg_node_status (attribute name), and DBPGNSTAT (column name).

FCM Num Anchors

number of FCM message anchors The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807), Automatic (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_ANCHORS or FCMNA (historical name), FCM Num Anchors (caption), fcm_num_anchors (attribute name), and FCMNA (column name).

FCM Num Buffers

number of FCM buffers The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_BUFFERS or FCMNB (historical name), FCM Num Buffers (caption), fcm_num_buffers (attribute name), and FCMNB (column name).

FCM Num Connect

number of FCM connection entries The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807), Automatic (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_CONNECT or FCMNC (historical name), FCM Num Connect (caption), fcm_num_connect (attribute name), and FCMNC (column name).

FCM Num Rqb

number of FCM request blocks The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_RQB or FCMNRQB (historical name), FCM Num Rqb (caption), fcm_num_rqb (attribute name), and FCMNRQB (column name).

Fully Qualified Domain Name

Fully qualified hostname of the server being monitored. The type is string.

The following names are defined for this attribute: FULLY_QUALIFIED_HOSTNAME or FQDN (historical name), Fully Qualified Domain Name (caption), fully_qualified_hostname (attribute name), and FQDN (column name).

Gateway Cons Wait Client

Gateway conns waiting for client reply The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CONS_WAIT_CLIENT or GWCWTCLI (historical name), Gateway Cons Wait Client (caption), gw_cons_wait_client (attribute name), and GWCWTCLI (column name).

Gateway Cons Wait Host

gateway conns waiting for host reply The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CONS_WAIT_HOST or GWCWHST (historical name), Gateway Cons Wait Host (caption), gw_cons_wait_host (attribute name), and GWCWHST (column name).

Gateway Current Connections

Current number of gateway connections The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CUR_CONS or GWCCONS (historical name), Gateway Current Connections (caption), gw_cur_cons (attribute name), and GWCCONS (column name).

Gateway Total Connections

Total number of gateway connections The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_TOTAL_CONS or GWTTLCONS (historical name), Gateway Total Connections (caption), gw_total_cons (attribute name), and GWTTLCONS (column name).

Idle Agents

number of unassigned agents in pool The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: IDLE_AGENTS or IDLEAG (historical name), Idle Agents (caption), idle_agents (attribute name), and IDLEAG (column name).

Last Reset Timestamp

Date/Time of last reset. The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_RESET or LRSTTI (historical name), Last Reset Timestamp (caption), last_reset (attribute name), and LRSTTI (column name).

Local Connection Executing

Local connects curr exec in DB2 The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCAL_CONS_IN_EXEC or LCLCINX (historical name), Local Connection Executing (caption), local_cons_in_exec (attribute name), and LCLCINX (column name).

Local Connections

Current number of local connections. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCAL_CONS or LCLCON (historical name), Local Connections (caption), local_cons (attribute name), and LCLCON (column name).

MA Free Bottom

minimum number of free message anchors The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum

(9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MA_FREE_BOTTOM or MAFBOT (historical name), MA Free Bottom (caption), ma_free_bottom (attribute name), and MAFBOT (column name).

MA Max Used Percent

max message anchors used percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MA_MAX_USED_PCT or MAMXUP (historical name), MA Max Used Percent (caption), ma_max_used_pct (attribute name), and MAMXUP (column name).

Max Agent Overflows

of attempts to exceed the MAXAGENTS configuration parameter The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAX_AGENT_OVERFLOWES or MXAOFL (historical name), Max Agent Overflows (caption), max_agent_overflows (attribute name), and MXAOFL (column name).

Max Agents

max number of existing agents The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXAGENTS or MXAGT (historical name), Max Agents (caption), maxagents (attribute name), and MXAGT (column name).

Max Conc Agents

max number of concurrent coordinating agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXCAGENTS or MXCAAGT (historical name), Max Conc Agents (caption), maxcagents (attribute name), and MXCAAGT (column name).

Max Coord Agents

max number of coordinating agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAX_COORDAGENTS or MXCAGT (historical name), Max Coord Agents (caption), max_coordagents (attribute name), and MXCAGT (column name).

Mon Heap Size

heap size of database monitor The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MON_HEAP_SZ or MONHPSZ (historical name), Mon Heap Size (caption), mon_heap_sz (attribute name), and MONHPSZ (column name).

Piped Sorts Accepted

Number of piped sorts accepted by SLS The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_ACCEPTED or PSACCP (historical name), Piped Sorts Accepted (caption), piped_sorts_accepted (attribute name), and PSACCP (column name).

Piped Sorts Accepted Percent

piped sorts accepted percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_ACCEPTED_PCT or PSACPCT (historical name), Piped Sorts Accepted Percent (caption), piped_sorts_accepted_pct (attribute name), and PSACPCT (column name).

Piped Sorts Rejected for Interval

number of piped sorts rejected for the interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_REJECTED_FOR_INT or PSREJFI (historical name), Piped Sorts Rejected for Interval (caption), piped_sorts_rejected_for_int (attribute name), and PSREJFI (column name).

Piped Sorts Rejected Percent for Interval

percentage of piped sorts rejected for the interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_REJECTED_PCT_FOR_INT or PSREJPI (historical name), Piped Sorts Rejected Percent for Interval (caption), piped_sorts_rejected_pct_for_int (attribute name), and PSREJPI (column name).

Piped Sorts Requested

Number of piped sorts requested by RDS to SLS The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_REQUESTED or PSREQ (historical name), Piped Sorts Requested (caption), piped_sorts_requested (attribute name), and PSREQ (column name).

Post Threshold Hash Joins

hash joins started after heap threshold exceeded The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POST_THRESHOLD_HASH_JOINS or PSTTHJN (historical name), Post Threshold Hash Joins (caption), post_threshold_hash_joins (attribute name), and PSTTHJN (column name).

Post Threshold OLAP Funcs

OLAP function threshold 9.5 support only The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POST_THRESHOLD_OLAP_FUNCS or OLAPFUN (historical name), Post Threshold OLAP Funcs (caption), post_threshold_olap_funcs (attribute name), and OLAPFUN (column name).

Post Threshold Sorts

Number of sorts started after heap threshold exceeded The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POST_THRESHOLD_SORTS or PSTTSRT (historical name), Post Threshold Sorts (caption), post_threshold_sorts (attribute name), and PSTTSRT (column name).

Priority of Agents

priority of agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: SYSTEM (-1), Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTPRI or AGPRI (historical name), Priority of Agents (caption), agentpri (attribute name), and AGPRI (column name).

Product Version

Product/version on server. The type is string.

The following names are defined for this attribute: PRDID (historical name), Product Version (caption), prdid (attribute name), and PRDID (column name).

Query Heap Size

query heap size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_HEAP_SZ or QHPSZ (historical name), Query Heap Size (caption), query_heap_sz (attribute name), and QHPSZ (column name).

RB Free

Number of request blocks currently free The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_FREE or RBFREE (historical name), RB Free (caption), rb_free (attribute name), and RBFREE (column name).

RB Free Bottom

minimum number of free request blocks The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_FREE_BOTTOM or RFBOT (historical name), RB Free Bottom (caption), rb_free_bottom (attribute name), and RFBOT (column name).

RB Max Used Percent

max request blocks used percentage The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_MAX_USED_PCT or RBMXUP (historical name), RB Max Used Percent (caption), rb_max_used_pct (attribute name), and RBMXUP (column name).

RB Used Percent

percentage of request blocks used The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-4), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_USED_PCT or RBUSDP (historical name), RB Used Percent (caption), rb_used_pct (attribute name), and RBUSDP (column name).

Remote Connections

Number of remote connects to target DB2 The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REM_CONS_IN or REMCIN (historical name), Remote Connections (caption), rem_cons_in (attribute name), and REMCIN (column name).

Remote Connections Executing

Remote connects to target exec DB2 The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REM_CONS_IN_EXEC or REMCINX (historical name), Remote Connections Executing (caption), rem_cons_in_exec (attribute name), and REMCINX (column name).

Req IO Blk

max requester I/O block size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RQRIOBLK (historical name), Req IO Blk (caption), rqioblk (attribute name), and RQRIOBLK (column name).

Sort Heap Allocated

Number of sort heap pages currently allocated. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_HEAP_ALLOCATED or SHALLC (historical name), Sort Heap Allocated (caption), sort_heap_allocated (attribute name), and SHALLC (column name).

Sort Heap Thres

sort heap threshold The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SHEAPTHRES or SHPTHRS (historical name), Sort Heap Thres (caption), sheapthres (attribute name), and SHPTHRS (column name).

Total Buffers Rcvd

total number of FCM buffers received The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_BUFFERS_RCVD or TLBRCVD (historical name), Total Buffers Rcvd (caption), total_buffers_rcvd (attribute name), and TLBRCVD (column name).

Total Buffers Sent

total number of FCM buffers sent The type is integer (64-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_BUFFERS_SENT or TLBSNT (historical name), Total Buffers Sent (caption), total_buffers_sent (attribute name), and TLBSNT (column name).

DB2 System Overview (Superseded) data set

Replaced by KUDSYSINFO table.

This data set contains the following attributes:

Agents Created Empty Pool

agents created because the pool was empty The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_CREATED_EMPTY_POOL or UA23 (historical name), Agents Created Empty Pool (caption), agents_created_empty_pool (attribute name), and UA23 (column name).

Agents Created Empty Pool Ratio

agents created because the pool was empty percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_CREATED_EMPTY_POOL_RATIO or UA24 (historical name), Agents Created Empty Pool Ratio (caption), agents_created_empty_pool_ratio (attribute name), and UA24 (column name).

Agents from Pool

agents assigned from pool The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_FROM_POOL or UA22 (historical name), Agents from Pool (caption), agents_from_pool (attribute name), and UA22 (column name).

Agents Registered

Number of agents registered in DB2 The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_REGISTERED or UA19 (historical name), Agents Registered (caption), agents_registered (attribute name), and UA19 (column name).

Agents Registered Top

agents_registered high water mark The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_REGISTERED_TOP or UA28 (historical name), Agents Registered Top (caption), agents_registered_top (attribute name), and UA28 (column name).

Agents Stolen

agents stolen The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_STOLEN or UA27 (historical name), Agents Stolen (caption), agents_stolen (attribute name), and UA27 (column name).

Agents Waiting on Token

of agents waiting on a token The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_WAITING_ON_TOKEN or UA20 (historical name), Agents Waiting on Token (caption), agents_waiting_on_token (attribute name), and UA20 (column name).

Agents Waiting on Token Percent

agents wait on token percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_WAITING_ON_TOKEN_PCT or UA21 (historical name), Agents Waiting on Token Percent (caption), agents_waiting_on_token_pct (attribute name), and UA21 (column name).

Agents Waiting Top

agents_waiting high water mark The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTS_WAITING_TOP or UA29 (historical name), Agents Waiting Top (caption), agents_waiting_top (attribute name), and UA29 (column name).

Appl Support Layer Heap Size

application support layer heap size The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ASLHEAPSZ or UA39 (historical name), Appl Support Layer Heap Size (caption), aslheapsz (attribute name), and UA39 (column name).

Buff Free

number of FCM buffers currently free The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFF_FREE or UA53 (historical name), Buff Free (caption), buff_free (attribute name), and UA53 (column name).

Buff Free Bottom

minimum number of free FCM buffers The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFF_FREE_BOTTOM or UA56 (historical name), Buff Free Bottom (caption), buff_free_bottom (attribute name), and UA56 (column name).

Buff Max Used Pct

max buffer used percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUFF_MAX_USED_PCT or UA63 (historical name), Buff Max Used Pct (caption), buff_max_used_pct (attribute name), and UA63 (column name).

Buff Used Pct

percentage of buffer used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: BUF_USED_PCT or UA60 (historical name), Buff Used Pct (caption), buf_used_pct (attribute name), and UA60 (column name).

CE Free

number of connection entries currently free The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_FREE or UA54 (historical name), CE Free (caption), ce_free (attribute name), and UA54 (column name).

CE Free Bottom

minimum number of free connection entries The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_FREE_BOTTOM or UA57 (historical name), CE Free Bottom (caption), ce_free_bottom (attribute name), and UA57 (column name).

CE Max Used Pct

max connection entries used percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_MAX_USED_PCT or UA64 (historical name), CE Max Used Pct (caption), ce_max_used_pct (attribute name), and UA64 (column name).

CE Used Pct

percentage of connection entries used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CE_USED_PCT or UA62 (historical name), CE Used Pct (caption), ce_used_pct (attribute name), and UA62 (column name).

Comm Private Mem

Committed Private Memory The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMM_PRIVATE_MEM or UA30 (historical name), Comm Private Mem (caption), comm_private_mem (attribute name), and UA30 (column name).

Comm Private Mem (KB)

The amount (in KB) of private memory that the instance of the database manager currently has committed at the time of the snapshot. The value format is integer. Use this attribute to assess the MIN_PRIV_MEM configuration parameter to ensure that enough private memory is available. This attribute is returned for all platforms, but tuning can be accomplished only on platforms where DB2 uses threads (such as OS/2(R) and Windows NT(R)). Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMM_PRIVATE_MEM_KB or UA75 (historical name), Comm Private Mem (KB) (caption), comm_private_mem_KB (attribute name), and UA75 (column name).

Conn Local Databases

Local databases w/current connects The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CON_LOCAL_DBASES or UA18 (historical name), Conn Local Databases (caption), con_local_dbases (attribute name), and UA18 (column name).

Connection Status

communication connection status The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONNECTION_STATUS or UA52 (historical name), Connection Status (caption), connection_status (attribute name), and UA52 (column name).

Cons in Exec Pct

The percentage of the maximum number of applications allowed that are connected to a database and processing a unit of work during the monitoring interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CONS_IN_EXEC_PCT or UA76 (historical name), Cons in Exec Pct (caption), cons_in_exec_pct (attribute name), and UA76 (column name).

Coord Agents Top

coordinating agents high water mark The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COORD_AGENTS_TOP or UA25 (historical name), Coord Agents Top (caption), coord_agents_top (attribute name), and UA25 (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2), Not Available (-4). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or UA77 (historical name), DB Partition (caption), db_partition (attribute name), and UA77 (column name).

DB2 Avail

time the instance has been available since db2_start The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB2_AVAIL or UA71 (historical name), DB2 Avail (caption), db2_avail (attribute name), and UA71 (column name).

DB2 Start Time

DB2START timestamp The type is string.

The following names are defined for this attribute: DB2START_TIME or UA2 (historical name), DB2 Start Time (caption), db2start_time (attribute name), and UA2 (column name).

DB2 Start Timestamp

DB2START timestamp The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB2START_TIME_TIMESTAMP or UA72 (historical name), DB2 Start Timestamp (caption), db2start_time_timestamp (attribute name), and UA72 (column name).

DB2 Status

status of the DB2 instance The type is string with enumerated values. The following values are defined: Active (Active), Inactive/Busy (Inactive/Busy), Quiesce Pending (Quiesce_Pending), Quiesced (Quiesced), Unknown (Unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB2_STATUS or UA1 (historical name), DB2 Status (caption), db2_status (attribute name), and UA1 (column name).

DBPG Node Status

list of failing local nodes The type is string.

The following names are defined for this attribute: DBPG_NODE_STATUS or UA70 (historical name), DBPG Node Status (caption), dbpg_node_status (attribute name), and UA70 (column name).

FCM Num Anchors

number of FCM message anchors The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Automatic (-1), Not Available (-4). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_ANCHORS or UA40 (historical name), FCM Num Anchors (caption), fcm_num_anchors (attribute name), and UA40 (column name).

FCM Num Buffers

number of FCM buffers The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_BUFFERS or UA41 (historical name), FCM Num Buffers (caption), fcm_num_buffers (attribute name), and UA41 (column name).

FCM Num Connect

number of FCM connection entries The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Not Available (-4), Automatic (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_CONNECT or UA42 (historical name), FCM Num Connect (caption), fcm_num_connect (attribute name), and UA42 (column name).

FCM Num Rqb

number of FCM request blocks The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FCM_NUM_RQB or UA43 (historical name), FCM Num Rqb (caption), fcm_num_rqb (attribute name), and UA43 (column name).

GW Cons Wait Client

Gateway conns waiting for client reply The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CONS_WAIT_CLIENT or UA35 (historical name), GW Cons Wait Client (caption), gw_cons_wait_client (attribute name), and UA35 (column name).

GW Cons Wait Host

gateway conns waiting for host reply The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CONS_WAIT_HOST or UA34 (historical name), GW Cons Wait Host (caption), gw_cons_wait_host (attribute name), and UA34 (column name).

GW Cur Cons

Current number of gateway connections The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_CUR_CONS or UA33 (historical name), GW Cur Cons (caption), gw_cur_cons (attribute name), and UA33 (column name).

GW Total Cons

Total number of gateway connections The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: GW_TOTAL_CONS or UA32 (historical name), GW Total Cons (caption), gw_total_cons (attribute name), and UA32 (column name).

Idle Agents

number of unassigned agents in pool The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: IDLE_AGENTS or UA31 (historical name), Idle Agents (caption), idle_agents (attribute name), and UA31 (column name).

Instance Name

Instance name of DB2 This attribute is a key attribute. The type is string with enumerated values. The following values are defined: unknown (unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INSTANCE_NAME or UA6 (historical name), Instance Name (caption), instance_name (attribute name), and UA6 (column name).

Instance Name (Unicode)

Instance name of DB2 The type is string with enumerated values. The following values are defined: unknown (unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INSTANCE_NAME_U or UUA6 (historical name), Instance Name (Unicode) (caption), instance_name_u (attribute name), and UUA6 (column name).

Last Reset

Date/Time of Last Reset The type is string.

The following names are defined for this attribute: LAST_RESET or UA3 (historical name), Last Reset (caption), last_reset (attribute name), and UA3 (column name).

Last Reset Timestamp

Date/Time of Last Reset The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_RESET_TIMESTAMP or UA73 (historical name), Last Reset Timestamp (caption), last_reset_timestamp (attribute name), and UA73 (column name).

Local Cons

Current Local Connections The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCAL_CONS or UA16 (historical name), Local Cons (caption), local_cons (attribute name), and UA16 (column name).

Local Cons in Exec

Local connects curr exec in DB2 The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOCAL_CONS_IN_EXEC or UA17 (historical name), Local Cons in Exec (caption), local_cons_in_exec (attribute name), and UA17 (column name).

Ma Free Bottom

minimum number of free message anchors The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MA_FREE_BOTTOM or UA58 (historical name), Ma Free Bottom (caption), ma_free_bottom (attribute name), and UA58 (column name).

Ma Max Used Pct

max message anchors used percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MA_MAX_USED_PCT or UA65 (historical name), Ma Max Used Pct (caption), ma_max_used_pct (attribute name), and UA65 (column name).

Max Agent Overflows

of attempts to exceed the MAXAGENTS configuration parameter The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAX_AGENT_OVERFLOWES or UA26 (historical name), Max Agent Overflows (caption), max_agent_overflows (attribute name), and UA26 (column name).

Max Agents

max number of existing agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXAGENTS or UA44 (historical name), Max Agents (caption), maxagents (attribute name), and UA44 (column name).

Max Conc Agents

max number of concurrent coordinating agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAXCAGENTS or UA46 (historical name), Max Conc Agents (caption), maxcagents (attribute name), and UA46 (column name).

Max Coord Agents

max number of coordinating agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MAX_COORDAGENTS or UA45 (historical name), Max Coord Agents (caption), max_coordagents (attribute name), and UA45 (column name).

Mon Heap Size

heap size of database monitor The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: MON_HEAP_SZ or UA47 (historical name), Mon Heap Size (caption), mon_heap_sz (attribute name), and UA47 (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Piped Sort Hit Ratio Pct for Interval

pipid sort hit percentage for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORT_HIT_RATIO_PCT_FOR_INT or UA37 (historical name), Piped Sort Hit Ratio Pct for Interval (caption), piped_sort_hit_ratio_pct_for_int (attribute name), and UA37 (column name).

Piped Sorts Accepted

of piped sorts accepted by SLS The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_ACCEPTED or UA12 (historical name), Piped Sorts Accepted (caption), piped_sorts_accepted (attribute name), and UA12 (column name).

Piped Sorts Accepted Pct

piped sorts accepted percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_ACCEPTED_PCT or UA13 (historical name), Piped Sorts Accepted Pct (caption), piped_sorts_accepted_pct (attribute name), and UA13 (column name).

Piped Sorts Rejected for Interval

number of piped sorts rejected for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_REJECTED_FOR_INT or UA69 (historical name), Piped Sorts Rejected for Interval (caption), piped_sorts_rejected_for_int (attribute name), and UA69 (column name).

Piped Sorts Rejected Pct for Interval

percentage of piped sorts rejected for the interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_REJECTED_PCT_FOR_INT or UA50 (historical name), Piped Sorts Rejected Pct for Interval (caption), piped_sorts_rejected_pct_for_int (attribute name), and UA50 (column name).

Piped Sorts Requested

of piped sorts requested by RDS to SLS The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PIPED_SORTS_REQUESTED or UA11 (historical name), Piped Sorts Requested (caption), piped_sorts_requested (attribute name), and UA11 (column name).

Post Threshold Hash Joins

hash joins started after heap threshold exceeded The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POST_THRESHOLD_HASH_JOINS or UA36 (historical name), Post Threshold Hash Joins (caption), post_threshold_hash_joins (attribute name), and UA36 (column name).

Post Threshold Sorts

sorts started after heap threshold exceeded The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POST_THRESHOLD_SORTS or UA10 (historical name), Post Threshold Sorts (caption), post_threshold_sorts (attribute name), and UA10 (column name).

Prdid

Product/version on server The type is string.

The following names are defined for this attribute: PRDID or UA5 (historical name), Prdid (caption), prdid (attribute name), and UA5 (column name).

Priority of Agents

priority of agents The type is integer (32-bit numeric property) with enumerated values. The following values are defined: SYSTEM (-1), Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AGENTPRI or UA38 (historical name), Priority of Agents (caption), agentpri (attribute name), and UA38 (column name).

Query Heap Size

query heap size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: QUERY_HEAP_SZ or UA48 (historical name), Query Heap Size (caption), query_heap_sz (attribute name), and UA48 (column name).

RB Free

number of request blocks currently free The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_FREE or UA55 (historical name), RB Free (caption), rb_free (attribute name), and UA55 (column name).

RB Free Bottom

minimum number of free request blocks The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_FREE_BOTTOM or UA59 (historical name), RB Free Bottom (caption), rb_free_bottom (attribute name), and UA59 (column name).

RB Max Used Pct

max request blocks used percentage The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_MAX_USED_PCT or UA66 (historical name), RB Max Used Pct (caption), rb_max_used_pct (attribute name), and UA66 (column name).

RB Used Pct

percentage of request blocks used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RB_USED_PCT or UA61 (historical name), RB Used Pct (caption), rb_used_pct (attribute name), and UA61 (column name).

Rem Cons in

Remote connects to target DB2 The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REM_CONS_IN or UA14 (historical name), Rem Cons in (caption), rem_cons_in (attribute name), and UA14 (column name).

Rem Cons in Exec

Remote connects to target exec DB2 The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REM_CONS_IN_EXEC or UA15 (historical name), Rem Cons in Exec (caption), rem_cons_in_exec (attribute name), and UA15 (column name).

Req IO Blk

max requester I/O block size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RQRIOBLK or UA49 (historical name), Req IO Blk (caption), rqrioblk (attribute name), and UA49 (column name).

Server DB2 Type

Server type The type is string with enumerated values. The following values are defined: Client with local databases (Client_with_local_databases), Client/Server (Client/Server), Host Database Server (Host_Database_Server), MPP (MPP), Requestor (Requestor), Satellite (Satellite), Standalone (Standalone), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SERVER_DB2_TYPE or UA8 (historical name), Server DB2 Type (caption), server_db2_type (attribute name), and UA8 (column name).

Snapshot Time

Date/Time of snapshot The type is string.

The following names are defined for this attribute: SNAPSHOT_TIME or UA4 (historical name), Snapshot Time (caption), snapshot_time (attribute name), and UA4 (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (0000000000000001), N/C (0000000000000002), N/P (0000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or UA74 (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and UA74 (column name).

Sort Heap Allocated

Sort heap currently allocated The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_HEAP_ALLOCATED or UA9 (historical name), Sort Heap Allocated (caption), sort_heap_allocated (attribute name), and UA9 (column name).

Sort Heap Thres

sort heap threshold The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SHEAPTHRES or UA51 (historical name), Sort Heap Thres (caption), sheapthres (attribute name), and UA51 (column name).

Sort Heap Used Pct

The percentage of the allocated sort heap that the DB2 instance used during the monitoring interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SORT_HEAP_USED_PCT or UA78 (historical name), Sort Heap Used Pct (caption), sort_heap_used_pct (attribute name), and UA78 (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: `TIMESTAMP` (historical name), `Timestamp` (caption), `Timestamp` (attribute name), and `TIMESTAMP` (column name).

Total Buffers Rcvd

total number of FCM buffers received The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_BUFFERS_RCVD` or `UA67` (historical name), `Total Buffers Rcvd` (caption), `total_buffers_rcvd` (attribute name), and `UA67` (column name).

Total Buffers Sent

total number of FCM buffers sent The type is integer (32-bit counter) with enumerated values. The following values are defined: Not Available (-4), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_BUFFERS_SENT` or `UA68` (historical name), `Total Buffers Sent` (caption), `total_buffers_sent` (attribute name), and `UA68` (column name).

Version

Version of server returning data The type is string with enumerated values. The following values are defined: 1 (1), 2 (2), 3 (3), 4 (4), 5 (5), 6 (6), 7 (7), 8 (8), 9 (9), `UNKNOWN` (`UNKNOWN`). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `VERSION` or `UA7` (historical name), `Version` (caption), `version` (attribute name), and `UA7` (column name).

DB2 System Resources data set

The attributes of this table are useful statistics about the OS environment in which DB2 is running, and consequently are valuable in problem determination.

This data set contains the following attributes:

Free Physical Memory

The amount of free physical memory on the system The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `FREE_PHYSICAL_MEM_64` or `FPHYMEM64` (historical name), `Free Physical Memory` (caption), `free_physical_mem_64` (attribute name), and `FPHYMEM64` (column name).

Free Physical Memory (Superseded)

The amount of free physical memory on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `FREE_PHYSICAL_MEM` or `FREEPHYMEM` (historical name), `Free Physical Memory (Superseded)` (caption), `free_physical_mem` (attribute name), and `FREEPHYMEM` (column name).

Free Swap Memory

The amount of free swap memory on the system The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FREE_SWAP_MEM_64 or FSWPMEM64 (historical name), Free Swap Memory (caption), free_swap_mem_64 (attribute name), and FSWPMEM64 (column name).

Free Swap Memory (Superseded)

The amount of free swap memory on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FREE_SWAP_MEM or FREESWPMEM (historical name), Free Swap Memory (Superseded) (caption), free_swap_mem (attribute name), and FREESWPMEM (column name).

Free Virtual Memory

The amount of free virtual memory on the system The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FREE_VIRTUAL_MEM_64 or FVIRMEM64 (historical name), Free Virtual Memory (caption), free_virtual_mem_64 (attribute name), and FVIRMEM64 (column name).

Free Virtual Memory (Superseded)

The amount of free virtual memory on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FREE_VIRTUAL_MEM or FREEVIRMEM (historical name), Free Virtual Memory (Superseded) (caption), free_virtual_mem (attribute name), and FREEVIRMEM (column name).

Host Name

Name of the host owning the resources The type is string.

The following names are defined for this attribute: HOST_NAME or HOSTNAME (historical name), Host Name (caption), host_name (attribute name), and HOSTNAME (column name).

Machine Identification

Machine hardware identification The type is string.

The following names are defined for this attribute: MACHINE_IDENTIFICATION or MACHINEID (historical name), Machine Identification (caption), machine_identification (attribute name), and MACHINEID (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Operating System Name

Full name of the operating system The type is string.

The following names are defined for this attribute: OS_NAME or OSNAME (historical name), Operating System Name (caption), os_name (attribute name), and OSNAME (column name).

OS Level

Maintenance level of the current version and release. For example, LINUX: 2.4.9, level = 9. The type is string.

The following names are defined for this attribute: OS_LEVEL or OSLEVEL (historical name), OS Level (caption), os_level (attribute name), and OSLEVEL (column name).

OS Release

Release of the operating system. For example, AIX: 4.3 release = 3. The type is string.

The following names are defined for this attribute: OS_RELEASE or OSRELEASE (historical name), OS Release (caption), os_release (attribute name), and OSRELEASE (column name).

OS Version

version.release.level The type is string.

The following names are defined for this attribute: OS_VERSION or OSVERSION (historical name), OS Version (caption), os_version (attribute name), and OSVERSION (column name).

Pct of CPU Used

The percentage of CPU used on the system DB2 returns this value as SMALLINT. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CPU_USAGE_PCT or CPUUSAGE (historical name), Pct of CPU Used (caption), cpu_usage_pct (attribute name), and CPUUSAGE (column name).

Pct of Physical Memory Used

The percentage of physical memory used on the system The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_PHYSICAL_MEM_PERCENT or USEDPMEMP (historical name), Pct of Physical Memory Used (caption), used_physical_mem_percent (attribute name), and USEDPMEMP (column name).

Pct of Physical Memory Used (Superseded)

The percentage of physical memory used on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_PHYSICAL_MEM_PCT or USEDPHYMEM (historical name), Pct of Physical Memory Used (Superseded) (caption), used_physical_mem_pct (attribute name), and USEDPHYMEM (column name).

Pct of Swap Memory Used

The percentage of swap memory used on the system The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_SWAP_MEM_PERCENT or USEDGMEMP (historical name), Pct of Swap Memory Used (caption), used_swap_mem_percent (attribute name), and USEDGMEMP (column name).

Pct of Swap Memory Used (Superseded)

The percentage of swap memory used on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_SWAP_MEM_PCT or USEDGMEMP (historical name), Pct of Swap Memory Used (Superseded) (caption), used_swap_mem_pct (attribute name), and USEDGMEMP (column name).

Pct of Virtual Memory Used

The percentage of virtual memory used on the system The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_VIRTUAL_MEM_PERCENT or USEDVMEMP (historical name), Pct of Virtual Memory Used (caption), used_virtual_mem_percent (attribute name), and USEDVMEMP (column name).

Pct of Virtual Memory Used (Superseded)

The percentage of virtual memory used on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_VIRTUAL_MEM_PCT or USEDVIRMEM (historical name), Pct of Virtual Memory Used (Superseded) (caption), used_virtual_mem_pct (attribute name), and USEDVIRMEM (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Physical Memory

The total amount of physical memory on the system The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_PHYSICAL_MEM_64 or TLPHYMEM64 (historical name), Total Physical Memory (caption), total_physical_mem_64 (attribute name), and TLPHYMEM64 (column name).

Total Physical Memory (Superseded)

The total amount of physical memory on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_PHYSICAL_MEM or TOTPHYMEM (historical name), Total Physical Memory (Superseded) (caption), total_physical_mem (attribute name), and TOTPHYMEM (column name).

Total Swap Memory

The total amount of swap memory on the system The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SWAP_MEM_64 or TLSWPMEM64 (historical name), Total Swap Memory (caption), total_swap_mem_64 (attribute name), and TLSWPMEM64 (column name).

Total Swap Memory (Superseded)

The total amount of swap memory on the system The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SWAP_MEM or TOTSWPMEM (historical name), Total Swap Memory (Superseded) (caption), total_swap_mem (attribute name), and TOTSWPMEM (column name).

Total Virtual Memory

The total amount of virtual memory on the system The type is integer (64-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_VIRTUAL_MEM_64 or TLVIRMEM64 (historical name), Total Virtual Memory (caption), total_virtual_mem_64 (attribute name), and TLVIRMEM64 (column name).

Total Virtual Memory (Superseded)

The total amount of virtual memory on the system. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Not Available (-1), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_VIRTUAL_MEM or TOTVIRMEM (historical name), Total Virtual Memory (Superseded) (caption), total_virtual_mem (attribute name), and TOTVIRMEM (column name).

DB2 Table data set

[KUD_DB2_Table] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every 5 minutes and is maintained for 8 days by default. The attributes shown in *italic* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Data Object Size

Data Object Size. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DATA_OBJECT_SIZE or DATAOBSZ (historical name), *Data Object Size* (caption), data_object_size (attribute name), and DATAOBSZ (column name).

DB Name

Database name. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME_U or UDBNAME (historical name), *DB Name* (caption), db_name_u (attribute name), and UDBNAME (column name).

DB Name

Database name. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), *DB Name* (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or DBPRTNUM (historical name), *DB Partition* (caption), db_partition (attribute name), and DBPRTNUM (column name).

Index Object Size

Index Object Size. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INDEX_OBJECT_SIZE or INDXOBSZ (historical name), *Index Object Size* (caption), index_object_size (attribute name), and INDXOBSZ (column name).

Instance Name

Instance name of DB2. The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or INSTNAME (historical name), *Instance Name* (caption), instance_name_U (attribute name), and INSTNAME (column name).

LOB Object

LOB Object The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOB_OBJECT or LOBOBJ (historical name), *LOB Object* (caption), lob_object (attribute name), and LOBOBJ (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Rows Read Rate for Interval

The rate (per second) at which rows were read from the table during the monitoring interval. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_READ_RATE_FOR_INT or ROWRDRTI (historical name), *Rows Read Rate for Interval* (caption), rows_read_rate_for_int (attribute name), and ROWRDRTI (column name).

Table Name

Table name This attribute is a key attribute. The type is string.

The following names are defined for this attribute: TABLE_NAME_U or UTBNAME (historical name), *Table Name* (caption), table_name_U (attribute name), and UTBNAME (column name).

Table Schema

Schema name The type is string.

The following names are defined for this attribute: TABLE_SCHEMA_U or TABSCHEMA (historical name), *Table Schema* (caption), table_schema_U (attribute name), and TABSCHEMA (column name).

Tablespace

Tablespace The type is string.

The following names are defined for this attribute: TABLE_SPACE or TBLSPACES (historical name), *Tablespace* (caption), table_space (attribute name), and TBLSPACES (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

XML Object

XML Object The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: XML_OBJECT or XMLOBJ (historical name), *XML Object* (caption), xml_object (attribute name), and XMLOBJ (column name).

Reorg Needed

Indicates whether the table, its indexes, or both need to be reorganized The type is string with enumerated values. The following values are defined: None (NN), Table Data (YN), Table Index (NY), Table Data and Table Index (YY). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REORG_NEEDED or REORGNEED (historical name), *Reorg Needed* (caption), reorg_needed (attribute name), and REORGNEED (column name).

Rows Write Rate for Interval

The rate (per second) at which rows were changed (inserted, deleted, or updated) in the table during the monitoring interval. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ROWS_WRITE_RATE_FOR_INT or ROWWRRTI (historical name), Rows Write Rate for Interval (caption), rows_write_rate_for_int (attribute name), and ROWWRRTI (column name).

Snapshot Timestamp

Date/Time of snapshot The type is timestamp with enumerated values. The following values are defined: N/A (000000000000000001), N/C (000000000000000002), N/P (000000000000000003). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SNAPSHOT_TIME_TIMESTAMP or SSTIMEST (historical name), Snapshot Timestamp (caption), snapshot_time_timestamp (attribute name), and SSTIMEST (column name).

DB2 Tablespace data set

[KUD_DB2_Tablespace]

This data set contains the following attributes:

Auto Storage state

Tablespace auto storage status The type is string with enumerated values. The following values are defined: UNKNOWN_STMT_TYPE (UNKNOWN_STMT_TYPE), Y (1), N (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_AUTO_STORAGE_STATE or AUTSTRG (historical name), Auto Storage state (caption), TBSP_auto_storage_state (attribute name), and AUTSTRG (column name).

Avg Direct Read Time

average direct read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_READ_TIME or AVDRT (historical name), Avg Direct Read Time (caption), avg_direct_read_time (attribute name), and AVDRT (column name).

Avg Direct Write Time

average direct write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_WRITE_TIME or AVDWT (historical name), Avg Direct Write Time (caption), avg_direct_write_time (attribute name), and AVDWT (column name).

Avg Pool I/O Time

average pool I/O time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_IO_TIME or AVPIOT (historical name), Avg Pool I/O Time (caption), avg_pool_io_time (attribute name), and AVPIOT (column name).

Avg Pool Read Time

average bufferpool read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or AVPRT (historical name), Avg Pool Read Time (caption), avg_pool_read_time (attribute name), and AVPRT (column name).

Avg Pool Write Time

average bufferpool write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or AVPWT (historical name), Avg Pool Write Time (caption), avg_pool_write_time (attribute name), and AVPWT (column name).

Avg Sector Written

average number of sectors written per direct read The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_WRITTEN or AVSECW (historical name), Avg Sector Written (caption), avg_sect_written (attribute name), and AVSECW (column name).

Avg Sectors Read

average number of sectors read per direct read The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_READ or AVSECR (historical name), Avg Sectors Read (caption), avg_sect_read (attribute name), and AVSECR (column name).

Avg Sync Data Read Time

average synchronous data read time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_DATA_READ_TIME or AVSDRT (historical name), Avg Sync Data Read Time (caption), avg_sync_data_read_time (attribute name), and AVSDRT (column name).

Avg Sync Data Write Time

average synchronous data write time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_DATA_WRITE_TIME or AVSDWT (historical name), Avg Sync Data Write Time (caption), avg_sync_data_write_time (attribute name), and AVSDWT (column name).

Avg Sync I/O Time

average synchronous I/O time The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_IO_TIME or AVSIOT (historical name), Avg Sync I/O Time (caption), avg_sync_io_time (attribute name), and AVSIOT (column name).

Container Name

Container Location The type is string.

The following names are defined for this attribute: CONTAINER_NAME or CONTNM (historical name), Container Name (caption), container_name (attribute name), and CONTNM (column name).

DB Name

Database name of DB2 This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), DB Name (caption), db_name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or PRTNNO (historical name), DB Partition (caption), db_partition (attribute name), and PRTNNO (column name).

Direct Read Reqs

direct read requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or DRRQ (historical name), Direct Read Reqs (caption), direct_read_reqs (attribute name), and DRRQ (column name).

Direct Read Time

direct read time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or DRTI (historical name), Direct Read Time (caption), direct_read_time (attribute name), and DRTI (column name).

Direct Reads

direct reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or DIRRD (historical name), Direct Reads (caption), direct_reads (attribute name), and DIRRD (column name).

Direct Write Reqs

direct write requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or DWRQ (historical name), Direct Write Reqs (caption), direct_write_reqs (attribute name), and DWRQ (column name).

Direct Write Time

direct write time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or DWTI (historical name), Direct Write Time (caption), direct_write_time (attribute name), and DWTI (column name).

Direct Writes

direct writes since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or DWRT (historical name), Direct Writes (caption), direct_writes (attribute name), and DWRT (column name).

Estore Read/Write Ratio

extended storage read/write ratio The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ESTORE_RW_RATIO or ERWRT (historical name), Estore Read/Write Ratio (caption), estore_rw_ratio (attribute name), and ERWRT (column name).

Extent Size

Extent size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EXTENT_SIZE or EXTSZ (historical name), Extent Size (caption), extent_size (attribute name), and EXTSZ (column name).

Files Closed

files closed since first db conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FILES_CLOSED or FILCLOS (historical name), Files Closed (caption), files_closed (attribute name), and FILCLOS (column name).

Free Pages

Free Pages The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FREE_PAGES or FREEPGS (historical name), Free Pages (caption), free_pages (attribute name), and FREEPGS (column name).

Instance Name

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME or INAME (historical name), Instance Name (caption), instance_name (attribute name), and INAME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Num Containers

Number of containers used The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_CONTAINERS or NOCNT (historical name), Num Containers (caption), num_containers (attribute name), and NOCNT (column name).

Object ID

Object ID The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OBJECT_ID or OBJECTID (historical name), Object ID (caption), object_id (attribute name), and OBJECTID (column name).

Page Size

Page size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PAGE_SIZE or PGSZ (historical name), Page Size (caption), page_size (attribute name), and PGSZ (column name).

Pending Free Pages

Pending Free Pages The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PENDING_FREE_PAGES or PFPGS (historical name), Pending Free Pages (caption), pending_free_pages (attribute name), and PFPGS (column name).

Pool Async Data Read Reqs

async data read requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READ_REQS or PLADRR (historical name), Pool Async Data Read Reqs (caption), pool_async_data_read_reqs (attribute name), and PLADRR (column name).

Pool Async Data Reads

number of pages read asynchronously into the buffer pool The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READS or PLASDR (historical name), Pool Async Data Reads (caption), pool_async_data_reads (attribute name), and PLASDR (column name).

Pool Async Data Writes

number of times a buffer pool data page was physically written to disk The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_WRITES or PLADW (historical name), Pool Async Data Writes (caption), pool_async_data_writes (attribute name), and PLADW (column name).

Pool Async Index Reads

asynchronous pool index reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READS or PLAIR (historical name), Pool Async Index Reads (caption), pool_async_index_reads (attribute name), and PLAIR (column name).

Pool Async Index Writes

asynchronous pool index writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_WRITES or PLAIW (historical name), Pool Async Index Writes (caption), pool_async_index_writes (attribute name), and PLAIW (column name).

Pool Async Read Time

total async read time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_READ_TIME or PLARTI (historical name), Pool Async Read Time (caption), pool_async_read_time (attribute name), and PLARTI (column name).

Pool Async Write Time

total async write time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_WRITE_TIME or PLAWTI (historical name), Pool Async Write Time (caption), pool_async_write_time (attribute name), and PLAWTI (column name).

Pool Async Index Read Reqs

async index read requests The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READ_REQS or PLAIRR (historical name), Pool Async Index Read Reqs (caption), pool_async_index_read_reqs (attribute name), and PLAIRR (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or PLDFE (historical name), Pool Data from Estore (caption), pool_data_from_estore (attribute name), and PLDFE (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or PLDLR (historical name), Pool Data L Reads (caption), pool_data_l_reads (attribute name), and PLDLR (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or PLDPR (historical name), Pool Data P Reads (caption), pool_data_p_reads (attribute name), and PLDPR (column name).

Pool Data Reads

total number of pool data reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_READS or PLDR (historical name), Pool Data Reads (caption), pool_data_reads (attribute name), and PLDR (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or PLDTE (historical name), Pool Data to Estore (caption), pool_data_to_estore (attribute name), and PLDTE (column name).

Pool Data Writes

number of times a buffer pool data page was physically written to disk The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or PLDW (historical name), Pool Data Writes (caption), pool_data_writes (attribute name), and PLDW (column name).

Pool Hit Percent

percent buffer pool hit ratio, data+index The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_PCT or PLHTP (historical name), Pool Hit Percent (caption), pool_hit_pct (attribute name), and PLHTP (column name).

Pool Hit Ratio for Interval

Pool hit ratio percent for interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_PCT_FOR_INT or PHRPI (historical name), Pool Hit Ratio for Interval (caption), pool_hit_ratio_pct_for_int (attribute name), and PHRPI (column name).

Pool I/O per Sec

buffer pool i/o per second The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_IO_PER_SEC or PISEC (historical name), Pool I/O per Sec (caption), pool_io_per_sec (attribute name), and PISEC (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or PLIFE (historical name), Pool Index from Estore (caption), pool_index_from_estore (attribute name), and PLIFE (column name).

Pool Index Hit Percent for Interval

percent buffer pool index hit ratio for interval The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_IDX_HIT_PCT_FOR_INT or PIHTP (historical name), Pool Index Hit Percent for Interval (caption), pool_idx_hit_pct_for_int (attribute name), and PIHTP (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or PLILR (historical name), Pool Index L Reads (caption), pool_index_l_reads (attribute name), and PLILR (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or PLIPR (historical name), Pool Index P Reads (caption), pool_index_p_reads (attribute name), and PLIPR (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or PLITE (historical name), Pool Index to Estore (caption), pool_index_to_estore (attribute name), and PLITE (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or PLIW (historical name), Pool Index Writes (caption), pool_index_writes (attribute name), and PLIW (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or PLRTI (historical name), Pool Read Time (caption), pool_read_time (attribute name), and PLRTI (column name).

Pool Sync Data Reads

number of buffer pool synchronous data reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_READS or PSYRD (historical name), Pool Sync Data Reads (caption), pool_sync_data_reads (attribute name), and PSYRD (column name).

Pool Sync Data Writes

number of buffer pool synchronous data writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_WRITES or PSWTI (historical name), Pool Sync Data Writes (caption), pool_sync_data_writes (attribute name), and PSWTI (column name).

Pool Sync Index Reads

number of buffer pool synchronous index reads The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_IDX_READS or PLSIR (historical name), Pool Sync Index Reads (caption), pool_sync_idx_reads (attribute name), and PLSIR (column name).

Pool Sync Index Writes

number of buffer pool synchronous index writes The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_IDX_WRITES or PLSIW (historical name), Pool Sync Index Writes (caption), pool_sync_idx_writes (attribute name), and PLSIW (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or PLWT (historical name), Pool Write Time (caption), pool_write_time (attribute name), and PLWT (column name).

Prefetch Percent for Interval

percent prefetch satisfied The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_PCT_FOR_INT or PREFP (historical name), Prefetch Percent for Interval (caption), prefetch_pct_for_int (attribute name), and PREFP (column name).

Prefetch Reqs for Interval

prefetch requests in an interval The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_REQS_FOR_INT or PREFRI (historical name), Prefetch Reqs for Interval (caption), prefetch_reqs_for_int (attribute name), and PREFRI (column name).

Prefetch Size

Prefetch size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_SIZE or PRESZ (historical name), Prefetch Size (caption), prefetch_size (attribute name), and PRESZ (column name).

Space Used DMS Table Percent

space used in the Database Managed Space tablespace. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SPACE_USED_DMS_TABLE_PCT or SUDTBP (historical name), Space Used DMS Table Percent (caption), space_used_dms_table_pct (attribute name), and SUDTBP (column name).

Space Used SMS Table

The number of byte allocated to the System Managed Space (SMS) tablespace. The value format is integer. Use the returned value to determine whether the number of bytes used by the SMS tablespace is excessive in relation to the file system on which the tablespace resides. The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SPACE_USED_SMS_TABLE or SUSTBL (historical name), Space Used SMS Table (caption), space_used_sms_table (attribute name), and SUSTBL (column name).

Sync Read Time

synchronous read time (ms) The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYNC_READ_TIME or SYRTI (historical name), Sync Read Time (caption), sync_read_time (attribute name), and SYRTI (column name).

Sync Write Time

synchronous write time (ms) The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYNC_WRITE_TIME or SYWTI (historical name), Sync Write Time (caption), sync_write_time (attribute name), and SYWTI (column name).

Tablespace Content Type

Tablespace content type The type is string.

The following names are defined for this attribute: TBSP_CONTENT_TYPE or TBSPCNTP (historical name), Tablespace Content Type (caption), TBSP_content_type (attribute name), and TBSPCNTP (column name).

Tablespace ID

Table Space ID The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACE_ID or TBSPID (historical name), Tablespace ID (caption), tablespace_ID (attribute name), and TBSPID (column name).

Tablespace Name

Tablespace name of DB2 This attribute is a key attribute. The type is string.

The following names are defined for this attribute: TABLESPACE_NAME or TBSPNM (historical name), Tablespace Name (caption), tablespace_name (attribute name), and TBSPNM (column name).

Tablespace Status

tablespace status The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_STATUS or TBSPST (historical name), Tablespace Status (caption), TBSP_status (attribute name), and TBSPST (column name).

Tablespace Status Name

The comma delimited tablespace state name(s) corresponding to the tablespace status (TBSP STATUS) attribute. The type is string.

The following names are defined for this attribute: TBSP_STATE_NAME or TBSPSTN (historical name), Tablespace Status Name (caption), tbsp_state_name (attribute name), and TBSPSTN (column name).

Tablespace Type

Tablespace Type of DB2 The type is string with enumerated values. The following values are defined: System managed space (System_managed_space), Database managed space (Database_managed_space), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACE_TYPE or TBSPTYP (historical name), Tablespace Type (caption), tablespace_type (attribute name), and TBSPTYP (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: `TIMESTAMP` (historical name), `Timestamp` (caption), `Timestamp` (attribute name), and `TIMESTAMP` (column name).

Total Direct I/O Time

total direct I/O time (ms) The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_DIRECT_IO_TIME` or `TLDIOT` (historical name), `Total Direct I/O Time` (caption), `total_direct_io_time` (attribute name), and `TLDIOT` (column name).

Total I/O Percent

percent total I/O The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: Not Available (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_IO_PCT` or `TLIOPT` (historical name), `Total I/O Percent` (caption), `total_io_pct` (attribute name), and `TLIOPT` (column name).

Total Pages

Total Pages Available The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_PAGES` or `TLPG` (historical name), `Total Pages` (caption), `total_pages` (attribute name), and `TLPG` (column name).

Total Pool I/O Time

total pool I/O time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_POOL_IO_TIME` or `TOPPIOT` (historical name), `Total Pool I/O Time` (caption), `total_pool_io_time` (attribute name), and `TOPPIOT` (column name).

Total Pool P Read Time

total pool physical read time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_POOL_P_READ_TIME` or `TLPPRT` (historical name), `Total Pool P Read Time` (caption), `total_pool_p_read_time` (attribute name), and `TLPPRT` (column name).

Total Pool P Write Time

total pool physical write time The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: `TOTAL_POOL_P_WRITE_TIME` or `TLPPWT` (historical name), `Total Pool P Write Time` (caption), `total_pool_p_write_time` (attribute name), and `TLPPWT` (column name).

Total Sync I/O

total synchronous I/O The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SYNC_IO or TLSIO (historical name), Total Sync I/O (caption), total_sync_io (attribute name), and TLSIO (column name).

Total Sync I/O Time

total synchronous I/O time (ms) The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SYNC_IO_TIME or TLSIOT (historical name), Total Sync I/O Time (caption), total_sync_io_time (attribute name), and TLSIOT (column name).

Usable Pages

Usable Pages The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USABLE_PAGES or USAPG (historical name), Usable Pages (caption), usable_pages (attribute name), and USAPG (column name).

Used Pages

Total Pages Used The type is integer (64-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_PAGES or USDPG (historical name), Used Pages (caption), used_pages (attribute name), and USDPG (column name).

Version

Version of DB2 The type is string.

The following names are defined for this attribute: VERSION (historical name), Version (caption), version (attribute name), and VERSION (column name).

DB2 Tablespace (Superseded) data set

Replaced by KUDTBLSPC table.

This data set contains the following attributes:

Avg Direct Read Time

average direct read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_READ_TIME or KUDAVGDRTM (historical name), Avg Direct Read Time (caption), AVG_DIRECT_READ_TIME (attribute name), and KUDAVGDRTM (column name).

Avg Direct Write Time

average direct write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_DIRECT_WRITE_TIME or KUDAVGDWTM (historical name), Avg Direct Write Time (caption), AVG_DIRECT_WRITE_TIME (attribute name), and KUDAVGDWTM (column name).

Avg Pool IO Time

average pool I/O time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_IO_TIME or KUDAVGPIOT (historical name), Avg Pool IO Time (caption), AVG_POOL_IO_TIME (attribute name), and KUDAVGPIOT (column name).

Avg Pool Read Time

average bufferpool read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_READ_TIME or KUDAVGPRTM (historical name), Avg Pool Read Time (caption), AVG_POOL_READ_TIME (attribute name), and KUDAVGPRTM (column name).

Avg Pool Write Time

average bufferpool write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_POOL_WRITE_TIME or KUDAVGPWTM (historical name), Avg Pool Write Time (caption), AVG_POOL_WRITE_TIME (attribute name), and KUDAVGPWTM (column name).

Avg Sect Read

average number of sectors read per direct read The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_READ or KUDAVGSECR (historical name), Avg Sect Read (caption), AVG_SECT_READ (attribute name), and KUDAVGSECR (column name).

Avg Sect Written

average number of sectors written per direct read The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SECT_WRITTEN or KUDAVGSECW (historical name), Avg Sect Written (caption), AVG_SECT_WRITTEN (attribute name), and KUDAVGSECW (column name).

Avg Sync Data Read Time

average synchronous data read time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_DATA_READ_TIME or KUDAVGSDRT (historical name), Avg Sync Data Read Time (caption), AVG_SYNC_DATA_READ_TIME (attribute name), and KUDAVGSDRT (column name).

Avg Sync Data Write Time

average synchronous data write time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_DATA_WRITE_TIME or KUDAVGSDWT (historical name), Avg Sync Data Write Time (caption), AVG_SYNC_DATA_WRITE_TIME (attribute name), and KUDAVGSDWT (column name).

Avg Sync IO Time

average synchronous I/O time The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVG_SYNC_IO_TIME or KUDAVGSIOT (historical name), Avg Sync IO Time (caption), AVG_SYNC_IO_TIME (attribute name), and KUDAVGSIOT (column name).

Container Name

Container Location The type is string.

The following names are defined for this attribute: CONTAINER_NAME or KUDCONTNM (historical name), Container Name (caption), CONTAINER_NAME (attribute name), and KUDCONTNM (column name).

Container Name (Unicode)

Container Location The type is string.

The following names are defined for this attribute: CONTAINER_NAME_U or UKUDCONTNM (historical name), Container Name (Unicode) (caption), CONTAINER_NAME_U (attribute name), and UKUDCONTNM (column name).

DB Name

Database name of DB2 This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or KUDDDBNAME (historical name), DB Name (caption), DB_NAME (attribute name), and KUDDDBNAME (column name).

DB Name (Unicode)

Database name of DB2 The type is string.

The following names are defined for this attribute: DB_NAME_U or UKUDDDBNAME (historical name), DB Name (Unicode) (caption), DB_NAME_U (attribute name), and UKUDDDBNAME (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or DBPRTNNUM (historical name), DB Partition (caption), db_partition (attribute name), and DBPRTNNUM (column name).

Direct Read Reqs

direct read requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_REQS or KUDDIRRREQ (historical name), Direct Read Reqs (caption), DIRECT_READ_REQS (attribute name), and KUDDIRRREQ (column name).

Direct Read Time

direct read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READ_TIME or KUDDIRRTIM (historical name), Direct Read Time (caption), DIRECT_READ_TIME (attribute name), and KUDDIRRTIM (column name).

Direct Reads

direct reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_READS or KUDDIRREAD (historical name), Direct Reads (caption), DIRECT_READS (attribute name), and KUDDIRREAD (column name).

Direct Write Reqs

direct write requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_REQS or KUDDIRWREQ (historical name), Direct Write Reqs (caption), DIRECT_WRITE_REQS (attribute name), and KUDDIRWREQ (column name).

Direct Write Time

direct write time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITE_TIME or KUDDIRWTIM (historical name), Direct Write Time (caption), DIRECT_WRITE_TIME (attribute name), and KUDDIRWTIM (column name).

Direct Writes

direct writes since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DIRECT_WRITES or KUDDIRWRIT (historical name), Direct Writes (caption), DIRECT_WRITES (attribute name), and KUDDIRWRIT (column name).

Estore RW Ratio

extended storage read/write ratio The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ESTORE_RW_RATIO or KUDESRRWRAT (historical name), Estore RW Ratio (caption), ESTORE_RW_RATIO (attribute name), and KUDESRRWRAT (column name).

Extent Size

Extent size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EXTENT_SIZE or KUDEXTSIZE (historical name), Extent Size (caption), EXTENT_SIZE (attribute name), and KUDEXTSIZE (column name).

Files Closed

files closed since first db conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FILES_CLOSED or KUDFILCLOS (historical name), Files Closed (caption), FILES_CLOSED (attribute name), and KUDFILCLOS (column name).

Free Pages

Free Pages The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FREE_PAGES or KUDFREEPGS (historical name), Free Pages (caption), FREE_PAGES (attribute name), and KUDFREEPGS (column name).

Instance Name (Unicode)

Instance name of DB2 The type is string.

The following names are defined for this attribute: INSTANCE_NAME_U or KUDINST (historical name), Instance Name (Unicode) (caption), instance_name_U (attribute name), and KUDINST (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Num Containers

Number of containers used The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NUM_CONTAINERS or KUDNMCONT (historical name), Num Containers (caption), NUM_CONTAINERS (attribute name), and KUDNMCONT (column name).

Object ID

Object ID The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OBJECT_ID or KUDOBJID (historical name), Object ID (caption), OBJECT_ID (attribute name), and KUDOBJID (column name).

Page Size

Page size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PAGE_SIZE or KUDPGSIZE (historical name), Page Size (caption), PAGE_SIZE (attribute name), and KUDPGSIZE (column name).

Pending Free Pages

Pending Free Pages The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PENDING_FREE_PAGES or KUDPFPGS (historical name), Pending Free Pages (caption), PENDING_FREE_PAGES (attribute name), and KUDPFPGS (column name).

Pool Async Data Read Reqs

async data read requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READ_REQS or KUDPASDTRR (historical name), Pool Async Data Read Reqs (caption), POOL_ASYNC_DATA_READ_REQS (attribute name), and KUDPASDTRR (column name).

Pool Async Data Reads

number of pages read asynchronously into the buffer pool The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_READS or KUDPASDATR (historical name), Pool Async Data Reads (caption), POOL_ASYNC_DATA_READS (attribute name), and KUDPASDATR (column name).

Pool Async Data Writes

number of times a buffer pool data page was physically written to disk The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_DATA_WRITES or KUDPASDATW (historical name), Pool Async Data Writes (caption), POOL_ASYNC_DATA_WRITES (attribute name), and KUDPASDATW (column name).

Pool Async Index Read Reqs

async index read requests The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READ_REQS or KUDPASIDRR (historical name), Pool Async Index Read Reqs (caption), POOL_ASYNC_INDEX_READ_REQS (attribute name), and KUDPASIDRR (column name).

Pool Async Index Reads

asynchronous pool index reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_READS or KUDPASIDXR (historical name), Pool Async Index Reads (caption), POOL_ASYNC_INDEX_READS (attribute name), and KUDPASIDXR (column name).

Pool Async Index Writes

asynchronous pool index writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_INDEX_WRITES or KUDPASIDXW (historical name), Pool Async Index Writes (caption), POOL_ASYNC_INDEX_WRITES (attribute name), and KUDPASIDXW (column name).

Pool Async Read Time

total async read time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_READ_TIME or KUDPASRTIM (historical name), Pool Async Read Time (caption), POOL_ASYNC_READ_TIME (attribute name), and KUDPASRTIM (column name).

Pool Async Write Time

total async write time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_ASYNC_WRITE_TIME or KUDPASWTIM (historical name), Pool Async Write Time (caption), POOL_ASYNC_WRITE_TIME (attribute name), and KUDPASWTIM (column name).

Pool Data from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_FROM_ESTORE or KUDPLDATFE (historical name), Pool Data from Estore (caption), POOL_DATA_FROM_ESTORE (attribute name), and KUDPLDATFE (column name).

Pool Data L Reads

pool data logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_L_READS or KUDPLDATLR (historical name), Pool Data L Reads (caption), POOL_DATA_L_READS (attribute name), and KUDPLDATLR (column name).

Pool Data P Reads

pool data reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_P_READS or KUDPLDATPR (historical name), Pool Data P Reads (caption), POOL_DATA_P_READS (attribute name), and KUDPLDATPR (column name).

Pool Data Reads

total number of pool data reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_READS or KUDPLDATR (historical name), Pool Data Reads (caption), POOL_DATA_READS (attribute name), and KUDPLDATR (column name).

Pool Data to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_TO_ESTORE or KUDPLDATTE (historical name), Pool Data to Estore (caption), POOL_DATA_TO_ESTORE (attribute name), and KUDPLDATTE (column name).

Pool Data Writes

number of times a buffer pool data page was physically written to disk The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_DATA_WRITES or KUDPLDATWR (historical name), Pool Data Writes (caption), POOL_DATA_WRITES (attribute name), and KUDPLDATWR (column name).

Pool Hit Pct

percent buffer pool hit ratio, data+index The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_PCT or KUDPLHTPCT (historical name), Pool Hit Pct (caption), POOL_HIT_PCT (attribute name), and KUDPLHTPCT (column name).

Pool Hit Ratio for Interval

Pool hit ratio percent for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_HIT_RATIO_PCT_FOR_INT or PHTRTPCTI (historical name), Pool Hit Ratio for Interval (caption), pool_hit_ratio_pct_for_int (attribute name), and PHTRTPCTI (column name).

Pool Index from Estore

#pages copied from estore to BP The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_FROM_ESTORE or KUDPLIDXFE (historical name), Pool Index from Estore (caption), POOL_INDEX_FROM_ESTORE (attribute name), and KUDPLIDXFE (column name).

Pool Index Hit Pct for Interval

percent buffer pool index hit ratio for interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_IDX_HIT_PCT_FOR_INT or KUDPIDXHTP (historical name), Pool Index Hit Pct for Interval (caption), POOL_IDX_HIT_PCT_FOR_INT (attribute name), and KUDPIDXHTP (column name).

Pool Index L Reads

pool indx logical reads since conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_L_READS or KUDPLIDLRL (historical name), Pool Index L Reads (caption), POOL_INDEX_L_READS (attribute name), and KUDPLIDLRL (column name).

Pool Index P Reads

pool indx reads since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_P_READS or KUDPLIDXPR (historical name), Pool Index P Reads (caption), POOL_INDEX_P_READS (attribute name), and KUDPLIDXPR (column name).

Pool Index to Estore

#pages copied from BP to estore The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_TO_ESTORE or KUDPLIDXTE (historical name), Pool Index to Estore (caption), POOL_INDEX_TO_ESTORE (attribute name), and KUDPLIDXTE (column name).

Pool Index Writes

pool indx writes since 1st connect The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_INDEX_WRITES or KUDPLIDXW (historical name), Pool Index Writes (caption), POOL_INDEX_WRITES (attribute name), and KUDPLIDXW (column name).

Pool IO per Sec

buffer pool i/o per second The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_IO_PER_SEC or KUDPLIOPSC (historical name), Pool IO per Sec (caption), POOL_IO_PER_SEC (attribute name), and KUDPLIOPSC (column name).

Pool Read Time

Buff pool read time since 1st conn The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_READ_TIME or KUDPLRTIM (historical name), Pool Read Time (caption), POOL_READ_TIME (attribute name), and KUDPLRTIM (column name).

Pool Sync Data Reads

number of buffer pool synchronous data reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_READS or KUDPSREADS (historical name), Pool Sync Data Reads (caption), POOL_SYNC_DATA_READS (attribute name), and KUDPSREADS (column name).

Pool Sync Data Writes

number of buffer pool synchronous data writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_DATA_WRITES or KUDPSWRITE (historical name), Pool Sync Data Writes (caption), POOL_SYNC_DATA_WRITES (attribute name), and KUDPSWRITE (column name).

Pool Sync Index Reads

number of buffer pool synchronous index reads The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_IDX_READS or KUDPLSIDXR (historical name), Pool Sync Index Reads (caption), POOL_SYNC_IDX_READS (attribute name), and KUDPLSIDXR (column name).

Pool Sync Index Writes

number of buffer pool synchronous index writes The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_SYNC_IDX_WRITES or KUDPLSIDXW (historical name), Pool Sync Index Writes (caption), POOL_SYNC_IDX_WRITES (attribute name), and KUDPLSIDXW (column name).

Pool Write Time

Buff pool write time since 1st con The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: POOL_WRITE_TIME or KUDPLWTIM (historical name), Pool Write Time (caption), POOL_WRITE_TIME (attribute name), and KUDPLWTIM (column name).

Prefetch Pct for Interval

percent prefetch satisfied The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_PCT_FOR_INT or KUDPREFPCT (historical name), Prefetch Pct for Interval (caption), PREFETCH_PCT_FOR_INT (attribute name), and KUDPREFPCT (column name).

Prefetch Reqs for Interval

prefetch requests in an interval The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_REQS_FOR_INT or KUDPREFRPI (historical name), Prefetch Reqs for Interval (caption), PREFETCH_REQS_FOR_INT (attribute name), and KUDPREFRPI (column name).

Prefetch Size

Prefetch size The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PREFETCH_SIZE or KUDPRESIZE (historical name), Prefetch Size (caption), PREFETCH_SIZE (attribute name), and KUDPRESIZE (column name).

Space Used DMS Table Pct

space used in the Database Managed Space tablespace. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SPACE_USED_DMS_TABLE_PCT or KUDDMTBPCT (historical name), Space Used DMS Table Pct (caption), SPACE_USED_DMS_TABLE_PCT (attribute name), and KUDDMTBPCT (column name).

Space Used SMS Table

number of bytes allocated to the System Managed Space tablespace. The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SPACE_USED_SMS_TABLE or KUDSMSTAB (historical name), Space Used SMS Table (caption), SPACE_USED_SMS_TABLE (attribute name), and KUDSMSTAB (column name).

Space Used SMS Table (MB)

The number of MB allocated to the System Managed Space (SMS) tablespace. The value format is integer. Use the returned value to determine whether the number of bytes used by the SMS tablespace is excessive in relation to the file system on which the tablespace resides. Value greater than or equal to 2147483647 will be indicated with the text "Value Exceeds Maximum" in the portal and value smaller than -2147483648 will be indicated with the text "Value Exceeds Minimum". The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647), Value Exceeds Minimum (-2147483648). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SPACE_USED_SMS_TABLE_MB or KUDSMSTBMB (historical name), Space Used SMS Table (MB) (caption), SPACE_USED_SMS_TABLE_MB (attribute name), and KUDSMSTBMB (column name).

Sync Read Time

synchronous read time (ms) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYNC_READ_TIME or KUDSYNRTIM (historical name), Sync Read Time (caption), SYNC_READ_TIME (attribute name), and KUDSYNRTIM (column name).

Sync Write Time

synchronous write time (ms) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SYNC_WRITE_TIME or KUDSYNWTIM (historical name), Sync Write Time (caption), SYNC_WRITE_TIME (attribute name), and KUDSYNWTIM (column name).

Tablespace ID

Table Space ID The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACE_ID or KUDTABSPID (historical name), Tablespace ID (caption), TABLESPACE_ID (attribute name), and KUDTABSPID (column name).

Tablespace Name

Tablespace name of DB2 This attribute is a key attribute. The type is string.

The following names are defined for this attribute: TABLESPACE_NAME or KUDTABSPNM (historical name), Tablespace Name (caption), TABLESPACE_NAME (attribute name), and KUDTABSPNM (column name).

Tablespace Name (Unicode)

Tablespace name of DB2 The type is string.

The following names are defined for this attribute: TABLESPACE_NAME_U or UKUDTABSPN (historical name), Tablespace Name (Unicode) (caption), TABLESPACE_NAME_U (attribute name), and UKUDTABSPN (column name).

Tablespace Status

tablespace status The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_STATUS or KUDTBSPST (historical name), Tablespace Status (caption), TBSP_STATUS (attribute name), and KUDTBSPST (column name).

Tablespace Status Name

The comma delimited tablespace state name(s) corresponding to the tablespace status (TBSP STATUS) attribute. The type is string.

The following names are defined for this attribute: TBSP_STATE_NAME or KUDTBSPSTN (historical name), Tablespace Status Name (caption), tbsp_state_name (attribute name), and KUDTBSPSTN (column name).

Tablespace Type

Tablespace Type of DB2 The type is string with enumerated values. The following values are defined: System managed space (System_managed_space), Database managed space (Database_managed_space), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACE_TYPE or KUDTBSPSTYP (historical name), Tablespace Type (caption), TABLESPACE_TYPE (attribute name), and KUDTBSPSTYP (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Direct IO Time

total direct I/O time (ms) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_DIRECT_IO_TIME or KUDTOTDIOT (historical name), Total Direct IO Time (caption), TOTAL_DIRECT_IO_TIME (attribute name), and KUDTOTDIOT (column name).

Total IO Pct

percent total I/O The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_IO_PCT or KUDTOTIOPT (historical name), Total IO Pct (caption), TOTAL_IO_PCT (attribute name), and KUDTOTIOPT (column name).

Total Pages

Total Pages Available The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_PAGES or KUDTOTPGS (historical name), Total Pages (caption), TOTAL_PAGES (attribute name), and KUDTOTPGS (column name).

Total Pool IO Time

total pool I/O time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_POOL_IO_TIME or KUDTOPPIOT (historical name), Total Pool IO Time (caption), TOTAL_POOL_IO_TIME (attribute name), and KUDTOPPIOT (column name).

Total Pool P Read Time

total pool physical read time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_POOL_P_READ_TIME or KUDTOTPPRT (historical name), Total Pool P Read Time (caption), TOTAL_POOL_P_READ_TIME (attribute name), and KUDTOTPPRT (column name).

Total Pool P Write Time

total pool physical write time The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_POOL_P_WRITE_TIME or KUDTOTPPWT (historical name), Total Pool P Write Time (caption), TOTAL_POOL_P_WRITE_TIME (attribute name), and KUDTOTPPWT (column name).

Total Sync IO

total synchronous I/O The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SYNC_IO or KUDTOTSIO (historical name), Total Sync IO (caption), TOTAL_SYNC_IO (attribute name), and KUDTOTSIO (column name).

Total Sync IO Time

total synchronous I/O time (ms) The type is integer (32-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TOTAL_SYNC_IO_TIME or KUDTOTSLOT (historical name), Total Sync IO Time (caption), TOTAL_SYNC_IO_TIME (attribute name), and KUDTOTSLOT (column name).

Usable Pages

Usable Pages The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USABLE_PAGES or KUDUSAPGS (historical name), Usable Pages (caption), USABLE_PAGES (attribute name), and KUDUSAPGS (column name).

Used Pages

Total Pages Used The type is integer (32-bit gauge) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_PAGES or KUDUSDPGS (historical name), Used Pages (caption), USED_PAGES (attribute name), and KUDUSDPGS (column name).

Version

Version of DB2 The type is integer (32-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: VERSION or KUDVER (historical name), Version (caption), VERSION (attribute name), and KUDVER (column name).

DB2 Tablespace Auto-resize data set

[KUD_Tablespace_Auto_Resize] This data set is configured for historical collection. Thresholds for this data set are associated with the DB2 component. A data sample is sent to the server every 5 minutes and is maintained for 8 days by default. The attributes shown in *italic* are visible in the UI. All attributes are available for thresholds.

This data set contains the following attributes:

Auto Resize Enabled

Whether automatic resizing is enabled for the table space. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Collected (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_AUTO_RESIZE_ENABLED or TSAUTORESZ (historical name), *Auto Resize Enabled* (caption), TBSP_Auto_Resize_Enabled (attribute name), and TSAUTORESZ (column name).

DB Name

Database name. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: DB_NAME or DBNM (historical name), *DB Name* (caption), DB_Name (attribute name), and DBNM (column name).

DB Partition

The DB2 database partition node number. DB2 partition numbers range from 0 to 999. The "Aggregated" and "Current" values can be used within a query or situation filter. If no db partition filter is specified, then a row of data will be returned for each database partition. If a db partition filter is used with the "Aggregated" value, then only aggregated partition data will be returned. Historical data collection will include both aggregated and individual partition attribute data. This attribute is a key attribute. The type is string with enumerated values. The following values are defined: Aggregated (-1), Current Partition (-2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DB_PARTITION or DBPRTNUM (historical name), *DB Partition* (caption), db_partition (attribute name), and DBPRTNUM (column name).

Free Pages

Free pages in table space The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_FREE_PAGES or FREEPAG (historical name), *Free Pages* (caption), TBSP_Free_Pages (attribute name), and FREEPAG (column name).

Instance Name

Instance name of DB2 The type is string with enumerated values. The following values are defined: unknown (unknown). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: INSTANCE_NAME or INSTNAME (historical name), *Instance Name* (caption), Instance_Name (attribute name), and INSTNAME (column name).

Node

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), *Node* (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Prefetch Size

The maximum number of pages the prefetcher gets from the disk at a time. The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_PREFETCH_SIZE or PREFETCHSZ (historical name), *Prefetch Size* (caption), TBSP_Prefetch_Size (attribute name), and PREFETCHSZ (column name).

Tablespace Type

Tablespace Type of DB2 The type is string with enumerated values. The following values are defined: System managed space (System_managed_space), Database managed space (Database_managed_space), UNKNOWN (UNKNOWN). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TABLESPACE_TYPE or TBSPTYP (historical name), *Tablespace Type* (caption), tablespace_type (attribute name), and TBSPTYP (column name).

TBSP ID

Table space identification. The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_ID or TBSPID (historical name), *TBSP ID* (caption), TBSP_ID (attribute name), and TBSPID (column name).

TBSP Name

. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: TBSP_NAME or TBSPNM (historical name), *TBSP Name* (caption), TBSP_Name (attribute name), and TBSPNM (column name).

Timestamp

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), *Timestamp* (caption), *Timestamp* (attribute name), and TIMESTAMP (column name).

Total Pages

Total pages in table space The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_TOTAL_PAGES or TOTAPAG (historical name), *Total Pages* (caption), TBSP_Total_Pages (attribute name), and TOTAPAG (column name).

Usable Pages

Usable pages in table space The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_USABLE_PAGES or USABLPAG (historical name), *Usable Pages* (caption), TBSP_Usable_Pages (attribute name), and USABLPAG (column name).

Used Pages

Used pages in table space The type is integer (64-bit counter) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_USED_PAGES or USEDPAAG (historical name), *Used Pages* (caption), TBSP_Used_Pages (attribute name), and USEDPAAG (column name).

Used/Max Percent

Percent of the used tablespace size to maximum tablespace size and calculated as $(\text{used_pages} * \text{page_size} / \text{Max_Size}) * 100$ The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: N/A (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute:

USED_TABLESPACE_SIZE_TO_MAXIMUM_TABLESPACE_SIZE or USEDMAX (historical name), *Used/Max Percent* (caption), Used_tablespace_Size_To_Maximum_tablespace_Size (attribute name), and USEDMAX (column name).

Using Auto Storage

Whether the table space was created as an automatic storage table space. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), Not Collected (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_USING_AUTO_STORAGE or AUTOSTORAG (historical name), *Using Auto Storage* (caption), TBSP_Using_Auto_Storage (attribute name), and AUTOSTORAG (column name).

Utilization Percent

The utilization of the table space as a percentage and calculated as $(\text{used_pages} / \text{usable_pages}) * 100$. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: N/A (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_UTILIZATION or TSUTIL (historical name), *Utilization Percent* (caption), TBSP_Utilization (attribute name), and TSUTIL (column name).

Current Size

Current table space size in bytes The type is integer (64-bit counter) with enumerated values. The following values are defined: N/A (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_CURRENT_SIZE or CURRENTSZ (historical name), Current Size (caption), TBSP_Current_Size (attribute name), and CURRENTSZ (column name).

Host Name

DB2 host name The type is string.

The following names are defined for this attribute: HOST_NAME or HOSTNAME (historical name), Host Name (caption), Host_Name (attribute name), and HOSTNAME (column name).

Increase Size

Increase size in bytes The type is integer (64-bit counter) with enumerated values. The following values are defined: Automatic (-1), N/A (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_INCREASE_SIZE or INCRSIZ (historical name), Increase Size (caption), TBSP_Increase_Size (attribute name), and INCRSIZ (column name).

Increase Size Pct

Increase size by percent The type is integer (32-bit gauge) with enumerated values. The following values are defined: N/A (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_INCREASE_SIZE_PERCENT or INCRSIZPCT (historical name), Increase Size Pct (caption), TBSP_Increase_Size_Percent (attribute name), and INCRSIZPCT (column name).

Initial Size

Initial table space size in bytes The type is integer (64-bit counter) with enumerated values. The following values are defined: N/A (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_INITIAL_SIZE or INITSIZE (historical name), Initial Size (caption), TBSP_Initial_Size (attribute name), and INITSIZE (column name).

Last Resize Failed

Whether or not the last attempt to automatically increase the size of the table space failed. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO (0), YES (1), N/A (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_LAST_RESIZE_FAILED or LRESIZFAIL (historical name), Last Resize Failed (caption), TBSP_Last_Resize_Failed (attribute name), and LRESIZFAIL (column name).

Last Resize Time

Time of last successful resize. The type is string.

The following names are defined for this attribute: TBSP_LAST_RESIZE_TIME or LASTRESIZT (historical name), Last Resize Time (caption), TBSP_Last_Resize_Time (attribute name), and LASTRESIZT (column name).

Max Size

Maximum table space size in bytes The type is integer (64-bit counter) with enumerated values. The following values are defined: Unlimited (-1), N/A (-2), Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: TBSP_MAX_SIZE or MAXSIZE (historical name), Max Size (caption), TBSP_Max_Size (attribute name), and MAXSIZE (column name).

Page Size

Page size The type is integer (64-bit numeric property) with enumerated values. The following values are defined: Value Exceeds Maximum (9223372036854775807). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PAGE_SIZE or PGSZ (historical name), Page Size (caption), page_size (attribute name), and PGSZ (column name).

Rebalance Mode

An integer that represents whether a forward or reverse rebalance is taking place. The type is string.

The following names are defined for this attribute: REBALANCE_MODE or REBALNMOD (historical name), Rebalance Mode (caption), Rebalance_Mode (attribute name), and REBALNMOD (column name).

Used/Disk Percent

Percent of the used tablespace size to disk tablespace size. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: N/A (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: USED_TABLESPACE_SIZE_TO_DISK_TABLESPACE_SIZE or USED_DISK (historical name), Used/Disk

Percent (caption), Used_tablespace_Size_To_Disk_tablespace_Size (attribute name), and USED_DISK (column name).

Used/Total Percent

Percent of the used tablespace and calculated as $(\text{used_pages}/\text{Total_Pages}) * 100$. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: N/A (-1), Not Collected (-2), Value Exceeds Maximum (2147483647). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute:

USED_TABLESPACE_SIZE_TO_ALLOCATED_TABLESPACE_SIZE or USEDALLOC (historical name), Used/Total Percent (caption), Used_tablespace_Size_To_Allocated_tablespace_Size (attribute name), and USEDALLOC (column name).

Accessibility features

Accessibility features assist users who have a disability, such as restricted mobility or limited vision, to use information technology content successfully.

Accessibility features

The web-based interface of IBM® Cloud Application Performance Management is the Cloud APM console. The console includes the following major accessibility features:

- Enables users to use assistive technologies, such as screen-reader software and digital speech synthesizer, to hear what is displayed on the screen.¹ Consult the product documentation of the assistive technology for details on using those technologies with this product.
- Enables users to operate specific or equivalent features using only the keyboard.
- Communicates all information independently of color.²

The Cloud APM console uses the latest W3C Standard, [WAI-ARIA 1.0](#), [US Section 508](#), and [Web Content Accessibility Guidelines \(WCAG\) 2.0](#). To take advantage of accessibility features, use the latest release of your screen reader in combination with the latest web browser that is supported by this product.

The Cloud APM console online product documentation in IBM Knowledge Center is enabled for accessibility. The accessibility features of IBM Knowledge Center are described at [IBM Knowledge Center release notes](#).

Keyboard navigation

This product uses standard navigation keys.

Interface information

The Cloud APM console web user interface does not rely on cascading style sheets to render content properly and to provide a usable experience. However, the product documentation does rely on cascading style sheets. IBM Knowledge Center provides an equivalent way for low-vision users to use their custom display settings, including high-contrast mode. You can control font size by using the device or browser settings.

The Cloud APM console web user interface includes WAI-ARIA navigational landmarks that you can use to quickly navigate to functional areas in the application.

The Cloud APM console user interface does not have content that flashes 2 - 55 times per second.

Related accessibility information

In addition to standard IBM help desk and support websites, IBM has established a TTY telephone service for use by deaf or hard of hearing customers to access sales and support services:

TTY service 800-IBM-3383 (800-426-3383) (within North America)

IBM and accessibility

For more information about the commitment that IBM has to accessibility, see [IBM Accessibility](#).

¹ Exceptions include some of the **Agent Configuration** pages and historical line charts in the Cloud APM console.

² Exceptions include some **Agent Configuration** pages of the Cloud APM console.

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