

IBM utilities management tools for Db2 for z/OS

Automate and modernize to save effort,
resources, and time



Highlights

Quickly exploit new Db2 for
z/OS features

Reduce costs and improve
availability

Intelligently automate Db2
utilities

Structured, unstructured, and replicated data are high-value organizational assets. Accessibility, availability, and performance are key to ensure organizational goals are met. Organizations need to effectively manage this wealth of data while reducing operating costs, increasing efficiency, and expanding data use.

IBM offers a comprehensive set of utilities and tools to efficiently perform large scale data management operations on IBM® DB2® for z/OS® data. The IBM DB2 utilities and tools are essential in exploiting new capabilities in DB2 for z/OS, which are growing in complexity and number. As database systems evolve there are more stringent requirements for availability and efficiency, placing more demands on even the most experienced database administrators.

IBM DB2 utilities and tools are designed to help maximize business performance and IT staff efficiency and reduce total cost of ownership (TCO). IBM continues to invest in offering one of the most complete utilities management portfolios in the market.

Minimize production downtime and facilitate an always on environment

Keep Db2 for z/OS performing at optimal levels

Quickly exploit new Db2 for z/OS features

The IBM utilities management tools provide virtually unmatched Db2 for z/OS support from early release to general availability and continuous delivery function-level releases. As Db2 for z/OS is a continuous delivery model, new features are made regularly available within product function levels. The IBM utilities management tools for Db2 for z/OS align with the Db2 continuous delivery model so organizations can take advantage of new features as they are made available.

Reduce costs and improve availability

IBM offers a set of products to help organizations reduce cost and address availability. The IBM technology goes beyond just back-up and recovery to also help ensure organizations can minimize production downtime and facilitate an always on environment.

- IBM Db2 Utilities Suite for z/OS helps maintain Db2 for z/OS data to ensure business continuity and drastically reduce mainframe resource utilization and costs.
- The Db2 Log Analysis Tool for z/OS ensures high availability and Db2 integrity by leveraging Db2 for z/OS logs. Reports provided by Db2 Log Analysis Tool for z/OS show data changes to facilitate data change undo or redo without system shutdown.
- Db2 Sort for z/OS delivers enhanced sort technology and leverages available specialty processors to provide high-speed utility sort processing for Db2 for z/OS data. It significantly reduces elapsed time and general processor utilization and supports zIIP offload during utility sort processing as well as sort processing performed by other products within the IBM utilities management solution such as Db2 High Performance Unload, Db2 Recovery Expert and Db2 Log Analysis Tool.
- Db2 High Performance Unload for z/OS offers high-speed unloading of Db2 tables from a table space or image copy to multiple unload formats. It also reduces elapsed time and general processor utilization and supports zIIP offload during unload processing - in particular when it is used in conjunction with Db2 Sort for z/OS.
- Db2 Recovery Expert for z/OS provides storage-aware backup and recovery that performs detailed log analysis and recovery operations to help protect valuable data.

Improve Db2 for z/OS availability and optimization while reducing cost

Intelligently automate Db2 utilities

IBM Db2 Automation Expert for z/OS leverages an intelligent decision engine to automate processing of Db2 maintenance utilities and provides historical observability of real-time statistics. This enables organizations to automate the collection and analysis of data and the execution of data maintenance tasks for improved availability, optimization, and cost reduction.

Db2 autonomies help you modernize and adapt to a changing and growing Db2 environment to benefit from better overall system performance with reduced costs. Drive down CPU and elapsed time to mitigate the continual demands on the accessibility, availability, and performance of your data.

Db2 Automation Expert for z/OS provides a powerful infrastructure for evaluating Db2 and system conditions to determine when Db2 object maintenance should be performed. Key features of this exciting offering include a sophisticated decision engine, the ability to stream meaningful utilities-related data to observability platforms, and Ansible enablement for generating best practices utilities syntax and integrating into existing development pipelines.



Conclusion

Utilities management tools for Db2 for z/OS

The utilities management tools for Db2 for z/OS help to efficiently execute and manage Db2 utilities and optimize performance and resource utilization. Technology available in the offerings takes advantage of the shared information to make intelligent decisions based on preset criteria and streamline execution of data maintenance tasks. Using the tools, collection and analysis of data can be automated.

All the individual IBM utilities management tools can be purchased separately. Or to simplify acquisition IBM also offers the IBM Db2 Utilities Solution Pack for z/OS, which offers a combination of the most frequently purchased tools including:

- Db2 Utilities Suite for z/OS
- Db2 Automation Expert
- Db2 Sort for z/OS
- Db2 High Performance Unload for z/OS
- Db2 Recovery Expert for z/OS

Db2 Log Analysis Tool for z/OS is not included in the solution pack but can be purchased separately.

The IBM utilities management tools offer an end-to-end approach, providing the greatest availability, cost efficiency and DBA productivity.

Why IBM?

IBM is trusted to manage companies' most mission-critical data and applications. Our long history of innovation in enterprise data solutions includes market-leading database solutions and enterprise-ready AI. We enable our clients to run solutions in any cloud or on-premises environment and believe that our clients' data solely belongs to them.

Learn more

To learn more about IBM utilities management tools for Db2 for z/OS, contact your IBM representative or IBM Business Partner, or visit the [IBM Db2 Tools for z/OS Community](#).

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