

# Setting Limits for Db2 Web Query

This technote provides information on how to set a disk usage limit or change the session timeout interval for Db2 Web Query. Detailed descriptions of other configuration settings can be found in the Product Manual at <https://ibm.biz/db2wqprodman> or in the online help.

## Disk Usage Limit

A Web Query administrator may want to limit the amount of disk space that Web Query uses. The `disk_limit` setting on the Reporting Server console defines the maximum amount of disk space a TSCOM3 agent can use to service a report request. It includes temporary files created in the server's edatemp directory in the IFS. It does not include any temporary storage allocated by Db2.

The `disk_limit` setting is described for Web Query as follows:

**disk\_limit** = Number of kilobytes

Default: Unlimited (-1)

Purpose: Defines the maximum amount of disk space an agent is allowed to use. This is the collective size of all files that the agent creates in the edatemp directory, such as FOCSORT, HOLD files, and other temporary files created by requests. If an agent process grows above this limit it will be ended by the Workspace Manager. The limit will be triggered after the current checkup interval for the Workspace Manager expires. By default, the checkup interval is every 60 seconds.

To change the setting, follow these steps.

1. Sign into the BI portal as a Web Query administrator.
2. Expand Reporting Servers in the portal tree.
3. Right click on EDASERVE and select Reporting Server Console.
4. Click Workspace on the ribbon.
5. Expand Data Services (in left panel tree).
6. Right click DEFAULT and select Properties.
7. Change the `disk_limit` value.
8. Click Save.

The `disk_limit` setting is shown below with the default value for unlimited usage.

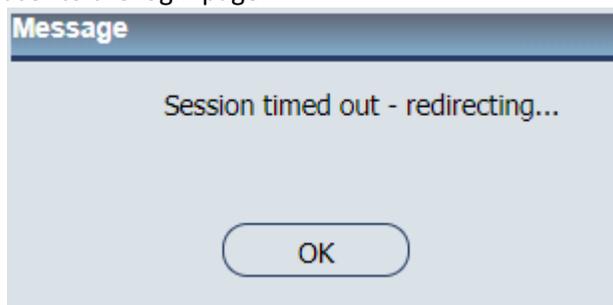
## Db2 Web Query for i

The screenshot shows the administration console for Db2 Web Query for i. The 'Workspace' tab is selected, and the 'Data Service DEFAULT' configuration page is displayed. The page contains a list of configuration parameters with their current values and input fields. The 'disk\_limit' parameter is highlighted with a red box. The 'Save' button is visible at the bottom left of the configuration area.

Parameter	Value
service	DEFAULT
maximum	40
number_ready	10
deployment *	private
Queuing *	off
idle_session_limit	-1
idle_agent_limit	120
profile *	
cpu_limit	-1
memory_limit	-1
<b>disk_limit</b>	<b>-1</b>
connection_limit	-1
max_connections_per_user *	-1
agent_refresh	100
sched_priority	0 (normal priority)

## Session Timeout

A Web Query administrator can change the timeout interval for business intelligence (BI) portal sessions. If a user is already logged into the portal, they must log out and sign in again for the change to take effect. When a timeout occurs, the user is notified as shown below. Clicking OK will redirect the user to the login page.



The session timeout is described for Web Query as follows:

**Session Timeout** = Number of minutes

Default: 120 minutes

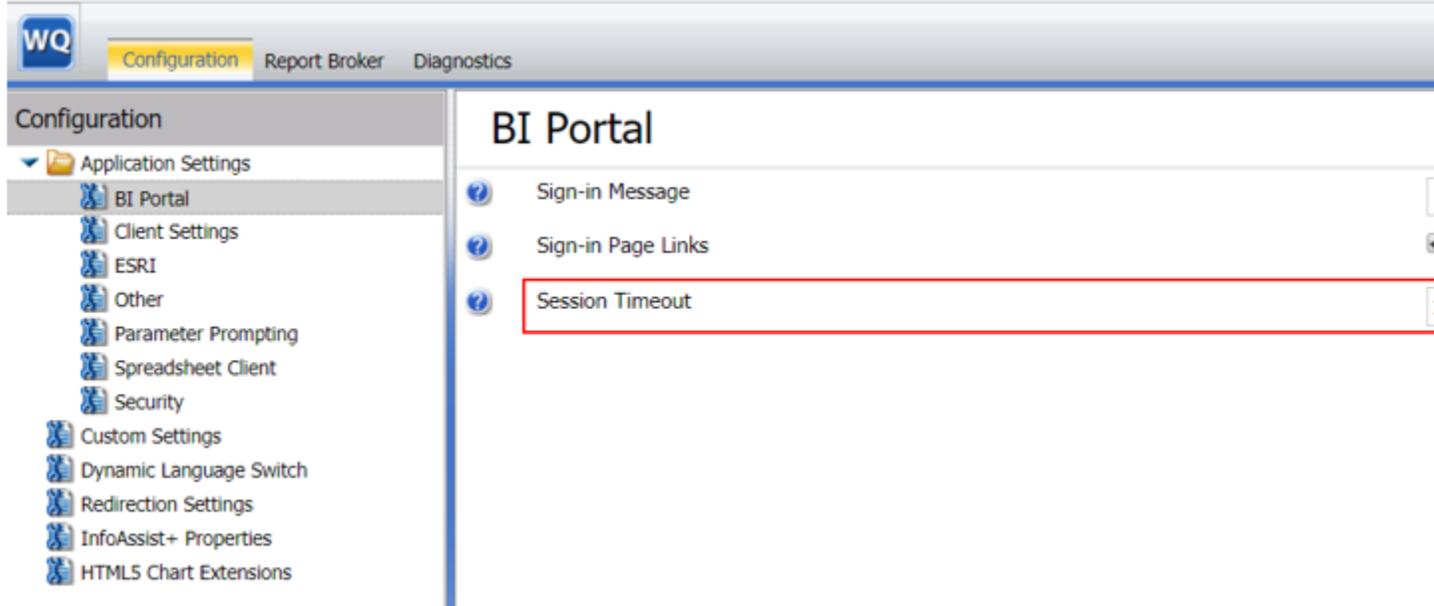
Purpose: Limits the amount of time users can remain idle on the BI portal before a session timeout takes place.

## Db2 Web Query for i

To change the setting, follow these steps:

1. Sign into the BI portal as a Web Query administrator.
2. Click Administration and select Administration Console.
3. Click the Configuration tab.
4. Expand Application Settings, then click BI Portal.
5. Click Save.
6. Click Clear Cache (top right).

The Session Timeout setting is shown below with the default value of 120 minutes.



For more information on Web Query, see the product wiki at <https://ibm.biz/Db2wgWiki> or send an email to [qu2@us.ibm.com](mailto:qu2@us.ibm.com).