

How to increase the Exchange Server 2003 Service Pack 2 18-gigabyte database size limit

INTRODUCTION

New functionality has been included with Microsoft Exchange Server 2003 Service Pack 2 (SP2). You can now configure database size limits.

The database size limits for Microsoft Exchange Server 2003 Standard Edition have been increased from 16 GB to 18 GB. The limit can be increased to as much as 75 GB by using a registry key.

Microsoft Exchange Server 2003 Enterprise Edition does not have a maximum database size limit.

For more information about how to set the database size limit, see the Exchange Server 2003 Help topic. The Help topic was updated during the installation of Exchange Server 2003 SP2.

MORE INFORMATION

Important This section, method, or task contains steps that tell you how to modify the registry. However, serious problems might occur if you modify the registry incorrectly. Therefore, make sure that you follow these steps carefully. For added protection, back up the registry before you modify it. Then, you can restore the registry if a problem occurs. For more information about how to back up and restore the registry, click the following article number to view the article in the Microsoft Knowledge Base:

[322756](http://support.microsoft.com/kb/322756/) (<http://support.microsoft.com/kb/322756/>) How to back up and restore the registry in Windows

To increase the Exchange Server 2003 SP2 database size, follow these steps.

Important Before you increase the maximum size of an Exchange database, verify that sufficient hard disk space is available for the larger database.

1. On the computer that is running Exchange 2003 SP2, click **Start**, click **Run**, type **regedit**, and then click **OK**.
2. Click one of the following registry subkeys, as appropriate for the store that you want to increase:
 - o For a mailbox store, click the following registry subkey:
**HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\MSExchangeIS\Server
name\Private-Mailbox Store GUID**
 - o For a public folder store, click the following registry subkey:
**HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\MSExchangeIS\Server
name\Public-Public Store GUID**
3. On the **Edit** menu, point to **New**, and then click **DWORD Value**.
4. In the **New Value #1** box, type **Database Size Limit in Gb**, and then press ENTER.
5. Right-click **Database Size Limit in Gb**, and then click **Modify**.
6. Click **Decimal**, and then type an integer from **1** to **75** in the **Value data** box.

Note These integer values represent the maximum size of the database in gigabytes (GB). For example, a value of 75 represents a database that has a maximum size of 75 GB.

7. Click **OK**, and then exit Registry Editor.
8. Restart the Microsoft Exchange Information Store service. To do this, follow these steps:
 - a. Click **Start**, click **Run**, type **cmd**, and then click **OK**.
 - b. At the command prompt, type the following command, and then press ENTER:
net stop msexchangeis
 - c. After the Microsoft Exchange Information Store service has stopped successfully, type the following command, and then press ENTER:
net start msexchangeis
9. Examine the Application log to verify that the database size has been set successfully. To do this, follow these steps:
 - a. Click **Start**, click **Run**, type **eventvwr**, and then click **OK**.
 - b. In the Event Viewer tool, click **Application**.
 - c. Double-click event ID 1216 to verify that the database size has been set successfully.

For more information about how to configure the new database size limit when you use Exchange Server 2003 SP2,

visit the following Microsoft Web site:

<http://technet.microsoft.com/en-us/library/aa998066.aspx> (<http://technet.microsoft.com/en-us/library/aa998066.aspx>)

For more information about how to temporarily increase the database size in Exchange Server 2003 Service Pack 1 or an earlier version of Exchange Server 2003, click the following article number to view the article in the Microsoft Knowledge Base:

[828070](http://support.microsoft.com/kb/828070/) (<http://support.microsoft.com/kb/828070/>) Exchange Server Mailbox Store does not mount when the Mailbox Store database reaches the 16-GB limit

For more information about how to temporarily increase the database size in Exchange 2000 Server, click the following article number to view the article in the Microsoft Knowledge Base:

[813051](http://support.microsoft.com/kb/813051/) (<http://support.microsoft.com/kb/813051/>) How to temporarily increase the Exchange 2000 16-gigabyte database size limit

APPLIES TO

- Microsoft Exchange Server 2003 Service Pack 2

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