

Using HPOM for Windows with Microsoft SQL Server 2008

White Paper Version 1.0



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About this White Paper

This white paper describes how to use HP Operations Manager (HPOM) 8.10 for Windows with Microsoft SQL Server 2008 Express, Standard or Enterprise Edition as the underlying database.

Reporter 3.8 may use the same database instance as HPOM. Therefore, this white paper also describes the impact on Reporter 3.8.

This white paper describes both a new installation of HPOM 8.10 for Windows and Reporter 3.8 with SQL Server 2008, and also an upgrade of the database instance of an existing HPOM 8.10 for Windows and Reporter 3.8 installation.

Knowledge of the installation of HPOM 8.10 for Windows, Reporter 3.8 and SQL Server 2008 is required to understand this document.

Note

If no special edition of SQL Server 2008 is mentioned, this document refers to the three editions mentioned above (Express, Standard and Enterprise).

Restrictions

See the SQL Server 2008 documentation that Microsoft provides for information about supported version and edition upgrades (<http://msdn.microsoft.com/en-us/library/ms143393.aspx>).

New Installations of HPOM and Reporter with SQL Server 2008

HP supports new installations of HPOM 8.10 for Windows management servers that use SQL Server 2008 Standard or Enterprise edition as the underlying database server.

Note

To use HPOM 8.10 for Windows with SQL Server 2008 Express, first install the HPOM management server using the embedded SQL Server 2005 Express instance. You can then upgrade this instance to SQL Server 2008 Express afterwards.

For an installation of HPOM 8.10 for Windows using SQL Server 2008 Standard or Enterprise the following steps are required:

1. Install the SQL Server 2008 instance

The same SQL Server 2008 configurations are supported as for SQL Server 2005 and HPOM 8.10 for Windows. See the latest version of the HPOM 8.10 for Windows Installation Guide for details. You can download this guide from HP Software Support Online (<http://h20230.www2.hp.com/selfsolve/manuals>).

2. Install Microsoft SQL Server 2005 Backward Compatibility Components

HPOM for Windows requires SQL Distributed Management Objects, which are no longer installed by default with SQL Server 2008. Therefore you must install the Microsoft SQL Server 2005

Backward Compatibility Components on the system where you plan to install the HPOM 8.10 for Windows management server.

If your database server is on a different system, you need to install these components on that system too.

You can download the components from Microsoft's download web site.

3. Install the HPOM 8.10 for Windows management server

Install the HPOM 8.10 for Windows management server, following the steps in the HPOM 8.10 for Windows Installation Guide. In the Microsoft SQL Server instance wizard page, add the name of the SQL Server 2008 instance that you installed in step 1.

4. Install the latest HPOM 8.10 for Windows management server patch

Install the latest HPOM 8.10 for Windows management server patch. You can download patches from HP Software Support Online (http://support.openview.hp.com/patches/patch_index.jsp).

5. *Optional.* Additional installations

After you install HPOM 8.10 for Windows with SQL Server 2008 you can optionally install Reporter 3.8 using the same database instance. See the section *Configure MS SQL 2005 Server as Reporter database* in the Reporter 3.8 Installation and Special Configuration Guide. This section provides instructions for setting up SQL 2008 Server as the Reporter database.

Note

For performance reasons, HP recommends that you install Reporter 3.8 on a different system to the HPOM for Windows management server.

To install Reporter 3.8 only with SQL Server 2008, you just have to install the SQL Server instance before to installing Reporter 3.8 by following the instructions in the Reporter documentation.

Existing Installations of HPOM and Reporter with SQL Server 2008

HP supports upgrading an SQL Server 2005 database instance used by HPOM 8.10 for Windows and Reporter 3.8 to SQL Server 2008.

If you have installed HPOM 8.10 for Windows with SQL Server 2005 as underlying database server the following steps are required to upgrade this database instance to SQL Server 2008.

Note

If you are using only Reporter 3.8 you only have to complete step 2.

1. Install the latest HPOM 8.10 for Windows management server patch

Install the latest HPOM 8.10 for Windows management server patch. You can download patches from HP Software Support Online (http://support.openview.hp.com/patches/patch_index.jsp).

2. Upgrade the SQL Server 2005 instance

Upgrade the SQL Server 2005 database instance. See the SQL Server 2008 documentation that Microsoft provides for information about supported version and edition upgrades (<http://msdn.microsoft.com/en-us/library/ms143393.aspx>).

3. Install Microsoft SQL Server 2005 Backward Compatibility Components

HPOM for Windows requires SQL Distributed Management Objects, which are no longer installed by default with SQL Server 2008. Therefore you must install the Microsoft SQL Server 2005 Backward Compatibility Components on the system where you plan to install the HPOM 8.10 for Windows management server.

If your database server is on a different system, you need to install these components on that system too.

You can download the components from Microsoft's download web site.

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