Symantec Enterprise Security Manager™ Modules for MS SQL Server Databases Release Notes

Release 4.0 for Symantec ESM 6.5.x and 9.0

For Windows 2000, Windows Server 2003, Windows 2008, and Windows XP

SQL 2000, SQL 2005, and SQL 2008

Symantec ESM Modules for MS SQL Release Notes

Release 4.0

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Release notes for Symantec ESM modules for MS SQL Server 2000, 2005, and 2008
Release 4.0

Release notes for Symantec ESM modules for MS SQL Server 2000, 2005, and 2008
Release 4.0

This document summarizes the enhancements and features that are added to Symantec ESM modules for MS SQL Server 2000, 2005, and 2008 Databases in release 4.0. Full documentation is included in the current *Symantec ESM Modules for MS SQL Server Databases User's Guide*.

This document includes the following:

- New support
- New module
- New checks
- New template
- Module enhancements
- Resolved issues
- Preserving customized data

What is new in this release

The following are new in this release of the Symantec ESM modules for MS SQL Server 2000, 2005, and 2008.

New support

The following three new supports have been added for this release:

■   Added support for MS SQL Server 2008.

■   Added support MS SQL Server 2005 and 2008 on Windows 2008 platform.

■   Added support to report on the SQL Server 2005 and 2008 clusters by using the Network based ESM SQL Server modules.

New module

The following new module has been added:

■   SQL Server Discovery

The ESM SQL Server Discovery is a host based module that automates the process of detection and configuration of new server instances that are not yet configured on the local ESM agent computers. The ESM SQL Server Discovery module also detects the unreachable and deleted server instances that are still configured on the ESM agent computers. The ESM SQL Server Discovery module lets you delete the unreachable server instances from the ESM agent computers.

Note: The SQL Server Discovery module is not supported on the Network based environment.

Note: You cannot configure SQL Server 2005 and 2008 clusters with SQL Discovery module.

See "SQL Server Discovery" on page 16.

For more information on the installation and configuration and the functionality of the checks, refer to the Symantec ESM Modules for MS SQL Server Databases User's Guide.

New checks

12 new checks have been added in the following modules:

■   SQL Server Accounts (two new checks)

- SQL Server Configuration (two new checks)

- SQL Server Objects (three new checks)

- SQL Server Roles (one new check)

- SQL Server Discovery (four new checks)

SQL Server Accounts

The following new checks have been added to the SQL Server Accounts:

- Database users
  This check reports the users who have access to the specified databases.

- Rename sa account
  This check reports whether the sa account has been renamed.

SQL Server Configuration

The following new checks have been added to the SQL Server Configuration:

- Registry configuration parameters
  This check reports security violations if the registry configuration is not in compliance with the settings that are specified in the enabled SQL Server Registry Configuration Parameters template.

- Remote servers
  This check reports the remote servers that are being used through the local server.

SQL Server Objects

The following new checks have been added to the SQL Server Objects:

- Non-encrypted stored procedures
  This check reports the user defined stored procedures that are not encrypted.

- Extended stored procedures
  This check reports user defined extended stored procedures.

- Schema permissions
  This check reports schema permissions for different users and roles.

SQL Server Roles

The following new check has been added to the SQL Server Roles:

- Database roles

This check reports the database roles.

SQL Server Discovery

The following new checks have been added to the SQL Server Discovery:

■ Detect new instance
This check reports all the SQL server instances that are newly discovered on the ESM agent computers that were not configured earlier.

■ Detect deleted/unreachable instance
This check reports all the SQL server instances that are deleted but still configured on the ESM agent computers.

■ Automatically add new instance
This check when enabled with the Detect New Instance check automatically configures the newly discovered instances by using generic credentials.

■ Automatically delete unreachable instance
This check when enabled with the Detect deleted/unreachable instance check automatically deletes the unreachable instances by using the Snapshot Update option.

New template

A new template has been added in the SQL Server Configuration:

■ Registry configuration parameters
The Registry configuration parameters template has been added for the Registry configuration parameters check that is available in the SQL Server Configuration module.

The Registry configuration parameters setting considers the Center Internet Security (CIS) benchmark recommendations.

For more information on the Registry configuration parameters template, refer to the Symantec ESM Modules for MS SQL Server Databases User's Guide.

Module enhancements

The following enhancements have been made in this release:

SQL Server Modules	A Logging feature has been enabled on all the SQL Server modules.
	The logging feature enables ESM to log information such as errors, exceptions, and queries that a module generates at the runtime.
	To know more about configuring a file and log levels of the messages, refer to the Symantec ESM Modules for MS SQL Server Databases User's Guide.
Installation	The ESM installation packages can now be renamed. The renamed packages must end with a correct file extension (tpi.exe) and should contain the product string (esmmssql).
	For example, you can rename an installation package esmmssqltpi.exe as xyz_eesmmssqltpi_64bit_tpi.exe

Resolved issues

This following issues have been resolved in this release:

SQL Server Objects	Earlier, the Database Status check would skip all the databases if the Database Status check found any offline database and reported "No problems found". This issue has been resolved and now the check reports the name and status for both online and offline databases.
SQL Server Objects	Earlier, the Job Permissions check reported the database users and roles if the user had only the execute permission and the "grant" option enabled. This issue has been resolved and now the check also reports the database users and roles that have the execute permission and "with grant" option enabled.
SQL Server Objects	The Guest account access to database check now reports the SQL Server databases that allows the guest user access that exists and are enabled.

SQL Server Configuration Earlier, the Ad Hoc Queries check reported the list of allowed ad hoc providers without checking the value of the Adhoc Distributed Queries server parameter. This issue has been resolved and now the Ad Hoc Queries check reports the list of allowed ad hoc providers when the Adhoc Distributed Queries server parameter is enabled. This issue is now fixed for MS SQL 2005 and later.

Preserving customized data

Symantec ESM can preserve changes to the policies, the templates, and the messages.

During the upgrade process, the following are retained:

■ Template file settings are retained. Template data is stored in the /esm/ template directory.

■ Policy settings such as identification of enabled security checks and related name lists are retained.

■ Changes to the message text in .m files are retained only if you have changed the message's .customized directive to 1. All other .m file changes are overwritten.
See the *Symantec ESM Security Update 17 User's Guide for UNIX*.