

Symantec™ Enterprise Security Manager IBM DB2 Modules Release Notes

Version 4.0



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What's new

This chapter includes the following topics:

- [What's new](#)
- [New database version support](#)
- [Uninstallation of ESM DB2 Application module](#)
- [New logging functionality](#)
- [New option added for silent configuration](#)
- [New modules](#)
- [New checks](#)
- [New templates](#)
- [Modified messages](#)

What's new

This release includes the following features and enhancements:

- Support for a new database version.
- Support for a new platform.
- Uninstallation of the ESM DB2 Application module.
- New logging functionality.
- New option added for silent installation.
- Three new modules added.
- Fourty three new checks in the DB2 System module comprising of the following:

- Three checks on UNIX.
- One check on Windows.
- Thirty nine checks on Windows and UNIX.
- Twenty four new checks added in the DB2 Privileges module on Windows and UNIX.
- Seventeen new checks in the DB2 Configuration module comprising of the following:
 - One check on UNIX.
 - Sixteen checks on Windows and UNIX.
- Two new checks in the DB2 Audit Configuration module on Windows and UNIX.
- Ten new checks in the DB2 Remote module on Windows and UNIX
- One new template added in the DB2 System module on UNIX.
- Five new templates added in the DB2 Configuration module on Windows and UNIX.
- Nine new templates added in the DB2 Privileges module on Windows and UNIX.
- Modified messages in the DB2 Fix Pack module.

New database version support

This release of Symantec ESM Modules for IBM DB2 database supports the IBM DB2 database version 9.7. The support for IBM DB2 version 8.x will no longer be available.

Uninstallation of ESM DB2 Application module

This release of Symantec ESM Modules for IBM DB2 database includes uninstallation of the ESM DB2 Application module. Using this feature, you can uninstall all the components of the ESM DB2 Application module that are installed on the ESM agent computer. You can uninstall the ESM DB2 Application module using the module executables.

Note: If you install the ESM DB2 Application Module 4.0 by using the esmdb2tpi.exe on Windows or esmdb2.tpi on UNIX, the uninstallation process completes successfully. However, if you install the ESM DB2 Application Module 4.0 by using LiveUpdate, the uninstallation process may abort. The reason being, to uninstall the ESM DB2 Application module, the program looks for a specific or a later version of the register binary. The version of the register binary gets automatically updated if the installation is through the installation executable.

For more information on the uninstallation, see the *Symantec™ Enterprise Security Manager Modules IBM DB2 Modules User Guide*.

New logging functionality

Detailed logging functionality is also made available for the DB2Setup.exe file that is used for configuring the ESM DB2 application module.

New option added for silent configuration

-V option has been added for silently configuring the ESM DB2 Audit Configuration and the ESM DB2 Fix Packs modules on UNIX, to validate the connection to the DB2 database with the given instance name and user name.

New modules

This release of Symantec ESM Modules for DB2 adds the following new modules:

About the DB2 Privileges module

The DB2 Privileges module reports the privileges of the DB2 database objects. The DB2 Privileges module is supported on Windows 2003, Windows 2008, and UNIX.

About the DB2 Configuration module

The DB2 Configuration module reports the configuration information of the DB2 database objects. The DB2 Configuration module is supported on Windows 2003, Windows 2008, and UNIX.

New checks

[Table 1-1](#) gives a list of the new checks that are added to the DB2 modules in this release of Symantec ESM Modules for IBM DB2 database.

Table 1-1 Module name and check name

Module name	Check name
DB2 System	SSL is Disabled (Windows and UNIX)
	Node cataloged by using hostname (Windows and UNIX)
	DB2 directory and file permissions (Windows and UNIX)
	Database containers (Windows and UNIX)
	Default database path (Windows and UNIX)
	Permission on default database path (Windows and UNIX)
	Permission on JDK runtime library path (Windows and UNIX)
	Minimum JDK version (Windows and UNIX)
	Permission on diagnostic path (Windows and UNIX)
	Permission on mirrored log path (Windows)
	Permission on tertiary archive log path (Windows and UNIX)
	Tertiary archive log path (Windows and UNIX)
	Permission on secondary archive log path (Windows and UNIX)
	Secondary archive log path (Windows and UNIX)
	Permission on archive log path (Windows and UNIX)
	DB2 Instances (Windows and UNIX)
	Permissions (UNIX)
	Group ownership (UNIX)
	User ownership (UNIX)
	Database Path Template files (UNIX)
Archive log path (Windows and UNIX)	
Database on system partition (Windows and UNIX)	
Instance on system partition (Windows and UNIX)	
Database log folder on system (Windows and UNIX)	

Table 1-1 Module name and check name (*continued*)

Module name	Check name
DB2 Privileges	Unauthorized Grantees in Database Authority (Windows and UNIX)
	View Privileges (Windows and UNIX)
	Table Privileges (Windows and UNIX)
	Tablespace Privileges (Windows and UNIX)
	Role Members (Windows and UNIX)
	Grantee with the WITH ADMIN or WITH GRANT option (Windows and UNIX)
	Routine Privileges (Windows and UNIX)
	Nickname Privileges (Windows and UNIX)
	Schema Privileges (Windows and UNIX)
	Column Privileges (Windows and UNIX)
	DB2 Instances (Windows and UNIX)
	Maximum reported messages (Windows and UNIX)
	Privileges of PUBLIC group (Windows and UNIX)
DB2 Configuration	Fenced user (UNIX)
	Database Configuration (Windows and UNIX)
	Admin Configuration (Windows and UNIX)
	Database Manager Configuration (Windows and UNIX)
	DB2 sysctrl or sysmaint group is set as sysadm group (Windows and UNIX)
	Default databases (Windows and UNIX)
	Unauthorized members in dasadm group (Windows and UNIX)
	DB2 Instances (Windows and UNIX)
	Unauthorized members in DB2 system groups (Windows and UNIX)
DB2 Audit Configuration	Audit Configuration Settings (Windows and UNIX)

Table 1-1 Module name and check name (*continued*)

Module name	Check name
DB2 Remote	Objects with nicknames (Windows and UNIX)
	New Group/User in CREATE_EXTERNAL_ROUTINE Authority (Windows and UNIX)
	Deleted Group/User in CREATE_EXTERNAL_ROUTINE Authority (Windows and UNIX)
	Modified Group/User in CREATE_EXTERNAL_ROUTINE Authority (Windows and UNIX)
	Unauthorized Group/User in CREATE_EXTERNAL_ROUTINE Authority (Windows and UNIX)

For more information on the checks, see the *Symantec™ Enterprise Security Manager IBM DB2 Modules User Guide*.

New templates

[Table 1-2](#) gives a list of the new templates that are added to the DB2 modules in this release of Symantec ESM Modules for IBM DB2 database.

Table 1-2 Module name and template name

Module name	Template name
DB2 Configuration	DB2 Database Manager Config Params (Windows and UNIX)
	DB2 Admin Config Params (Windows and UNIX)
	DB2 System Authority Groups (Windows and UNIX)
	DB2 Database Config Params (Windows and UNIX)

Table 1-2 Module name and template name (*continued*)

Module name	Template name
DB2 Privileges	DB2 Authorities (Windows and UNIX)
	DB2 View Privileges (Windows and UNIX)
	DB2 Tablespace Privileges (Windows and UNIX)
	DB2 Table Privileges (Windows and UNIX)
	DB2 Role Members (Windows and UNIX)
	DB2 Routine Privileges (Windows and UNIX)
	DB2 Nickname Privileges (Windows and UNIX)
	DB2 Schema Privileges (Windows and UNIX)
	DB2 Column Privileges (Windows and UNIX)
DB2 System	DB2 Database File Permissions (UNIX)
DB2 Audit Configuration	DB2 Audit Settings (Windows and UNIX)

For more information on the templates, see the *Symantec™ Enterprise Security Manager IBM DB2 Modules User Guide*.

Modified messages

This release of Symantec ESM Modules for IBM DB2 database modifies the messages in the DB2 Fix pack module for the following checks:

- Template Files
- Installed Fixed Packs

[Table 1-3](#) gives a list of the modified messages that are added to the DB2 Fix Pack module.

Table 1-3 Modified messages for DB2 Fix Pack module

Check name	Message String ID	Description
Template Files	DB2_REQUIRED_FIXPACK	The db2level utility has detected that the DB2 fix Pack is required to be installed on your computer.
Installed Fixed Packs	DB2_INSTALLED_FIXPACK	The db2level utility has detected the installed DB2 fix packs on your computer.

Known issue

This chapter includes the following topics:

- [Known issue](#)

Known issue

The following issue is known in this release of ESM modules for IBM DB2:

- The **Admin Configuration** check reports the database admin configuration only for the configured instances and not with respect to nodes. Therefore, the same admin configuration information will be reported multiple times for all the instances under the same node.

