

Symantec Enterprise Vault™ Technical Note

Vault Service account minimum
requirements for runtime operation and
upgrades

8.0 to 10.0.2

Symantec Enterprise Vault: Vault Service account minimum requirements for runtime operation and upgrades

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Vault Service account minimum requirements for runtime operation and upgrades

This document includes the following topics:

- [About this technical note](#)
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- [Managing Vault Service account roles](#)

About this technical note

This technical note describes the minimum permissions that the Vault Service account requires for runtime operations and upgrades.

This technical note applies to Enterprise Vault versions up to and including 10.0.2.

For Enterprise Vault 10.0.3 or later see the following article:

<http://www.symantec.com/docs/HOWTO80670>.

Creating a role for runtime operations

This technical note describes the minimum permissions that the Vault Service account requires for runtime operations and upgrades.

With these minimum requirements in place the Vault Service account cannot delete the databases that it creates. If an action in the Administration Console is taken that requires a database to be deleted, that action cannot complete. The database must be deleted without using the Administration Console.

The Vault Service account requires the following minimum permissions for runtime operations:

- A SQL login to the SQL server with windows authentication.
- The following permissions:
 - db_securityadmin
 - db_ddladmin
 - db_datareader
 - db_datawriter

To create a role that has the permissions that are required for runtime operations you must run the following Transact-SQL query (for SQL 2005 and above) for each Enterprise Vault database. This query grants the Vault Service account execute permissions to all current and future stored procedures:

```
CREATE ROLE [EVRuntimeRole]
exec sp_addrolemember [db_securityadmin],[EVRuntimeRole]
exec sp_addrolemember [db_ddladmin], [EVRuntimeRole]
exec sp_addrolemember [db_datareader],[EVRuntimeRole]
exec sp_addrolemember [db_datawriter],[EVRuntimeRole]
GRANT EXECUTE TO [EVRuntimeRole]
```

Creating a role to perform upgrades

In order to upgrade Enterprise Vault, the Vault Service account requires the following additional permissions:

- CREATE FUNCTION
- CREATE TABLE
- CREATE DEFAULT
- CREATE PROCEDURE
- CREATE RULE
- CREATE VIEW

■ CREATE ROLE

To create a role that has the permissions that are required for upgrades you must run the following Transact-SQL query (for SQL 2005 and above) for each Enterprise Vault database. This query grants the Vault Service account execute permissions to all current and future stored procedures:

```
CREATE ROLE [EVUpgradeRole]
exec sp_addrolemember [db_securityadmin],[EVUpgradeRole]
exec sp_addrolemember [db_ddladmin], [EVUpgradeRole]
exec sp_addrolemember [db_datareader],[EVUpgradeRole]
exec sp_addrolemember [db_datawriter],[EVUpgradeRole]
GRANT EXECUTE TO [EVUpgradeRole]
GRANT CREATE FUNCTION TO [EVUpgradeRole]
GRANT CREATE TABLE TO [EVUpgradeRole]
GRANT CREATE DEFAULT TO [EVUpgradeRole]
GRANT CREATE PROCEDURE TO [EVUpgradeRole]
GRANT CREATE RULE TO [EVUpgradeRole]
GRANT CREATE VIEW TO [EVUpgradeRole]
GRANT CREATE ROLE TO [EVUpgradeRole]
```

Managing Vault Service account roles

You can use the system stored procedures 'sp_addrolemember' and 'sp_droprolemember' to control whether the Vault Service account is a member of the EVUpgradeRole and EVRuntimeRole roles.

For example:

- To add account 'myAdmin' to EVUpgradeRole:

```
EXEC sp_addrolemember N'EVUpgradeRole', N'myAdmin'
```

- To remove account 'myAdmin' from EVRuntimeRole:

```
EXEC sp_droprolemember N'EVRuntimeRole', N'myAdmin'
```

