



Remote Media Encryption Log Management

The Remote Media Encryption (RME) Log functionality allows the SES and SESWEB administrators to free up the storage space by better managing the RME logs. These logs can be moved to another database within the same or a different database server. If desired, these logs can be disabled.

Note: This functionality is only available on SESWeb.

Configuring RME Log Options:

To configure RME logs:

1. Log into SES web.
2. Click on the **Configuration** tab on the left navigation menu. The **RME Log Options** is displayed under the **Services** tab.
3. Click on the **RME Log Options** tab. The **Select RME Log Options** screen appears.

The screenshot shows the SecureDoc web interface. The top navigation bar includes the SecureDoc logo, a home icon, and the path 'Configuration > RME Log Options'. The right side of the top bar says 'Welcome Administrator! | Log Off | Help'. The left navigation menu has 'Configuration' and 'RME Log Options' highlighted. The main content area is titled 'Select RME Log Options' and contains the following options:

- Disable RME Log:
- Use Separate Database:
- Database Server:
- Database Name:
- Authentication Type:
 - Windows:
 - SQL Server:
- User Name:
- Password:

A 'SAVE' button is located at the bottom right of the form.

Choose any one of the following options:

- a. **Disable RME Log:** This option allows you to disable saving the RME logs.
- b. **Use Separate Database:** This option allows you to store the RME logs within the same or a different database server.



Note: For migrating legacy RME logs, please refer to the Migrating RME Logs section in this document.

Migrating RME Logs:

To move the legacy RME log database to the new one where all new logs will be stored, perform the following steps:

1. Stop all **SDConnex** and **ADSync** services.
2. Install SecureDoc version 7.1 SR1.
3. Launch the **SES Console** to upgrade the SES database to 7.1 SR1.
4. Open the **Microsoft SQL Server Management Studio** and connect to the database where you desire to store the RME logs.
5. Run the **RME_DBCreationScript** (available in `\winmagic\sddb-nt\` folder in the SES install) to create a new RME log database on the database server.

Note: Make sure that the actual path of the Database instance is the same as in the database creation script. The database name and the path of the Database instance are editable.
6. Start **SDConnex** instance with the **SES Web Management Service** option enabled.
7. Launch and log into SES Web.
8. Navigate to the **Configuration** tab on the left navigation menu.
9. Click on the **RME Log Options** tab under Services. The **Select RME Log Options** screen appears.

The screenshot shows the SecureDoc SES Web Management Service interface. The top navigation bar includes the SecureDoc logo, a home icon, and the path 'Configuration > RME Log Options'. The user is logged in as 'Administrator!' with links for 'Log Off' and 'Help'. The left sidebar contains a navigation menu with options: Users, Devices, MDM, Keys, Compliance, Reports, Installation packages, Logs, Configuration (highlighted), Service Settings, Administrator Management, SFE Network Folders, Services, and RME Log Options (highlighted). The main content area is titled 'Select RME Log Options' and contains the following configuration options:

- Disable RME Log:
- Use Separate Database:
- Database Server:
- Database Name:
- Authentication Type:
 - Windows:
 - SQL Server:
- User Name:
- Password:

A 'SAVE' button is located at the bottom right of the configuration area.



10. Select the **Use Separate Database** option.
11. Configure the RME Log database connection.

Note: Make sure that the Database Name should be exactly the same as in the database creation script.
12. Click **SAVE**. The "RME Log database connection saved" message is displayed at the bottom.

13. Close the SES Web.
14. Stop **SDConnex** service.
15. Open the **Microsoft SQL Server Management Studio** and connect to the database server hosting the SES database and also the database server hosting the RME logs as specified in step 4 above.
16. Run the **RMEMigration** script (available in `\winmagic\sddb-nt\` folder in the SES install) against the SES database. This will move the RME logs from the SES database to the new RME log database.

Note: Make sure that the SourceDB name and the actual SES database name are exactly same. Similarly, the destination database name in the RMEMigration script should be same as in the RME_DBCreationScript.
17. Once complete, start all **SDConnex** services.
18. Launch SES Web. The RME logs are now viewable on SES Web. When clients communicate with RME Log data, logs will be saved in the RME database and viewed on SES Web only.



Computer	Hardware ID	IP Address	User	Timestamp	Media	Media ID	Operation	Operation Status	Source	Destination
UYEN-W7X64	VMware-56 4d ...	192.168.0.248		08/01/2016 13:...	USB	Kingston DataT...	Connect	0		E:
UYEN-W7X64	VMware-56 4d ...	192.168.0.248	NT AUTHORITY...	08/01/2016 13:...	USB		Write	0		E:\SECURDI
UYEN-W7X64	VMware-56 4d ...	192.168.0.248		08/01/2016 13:...	USB	Kingston DataT...	Disconnect	0		E:

Viewing RME Logs

These logs provide the details related to operations of removable media. It shows the user who performed the operation, the operation type (create/delete/rename), and other useful information.

To view RME Logs:

1. Log into SES Web.
2. Navigate to the **Logs** option on the left navigation menu. The **RME Log** page appears:



SecureDoc RME Log Welcome administrator! | Log Off | Help

Users Devices MDM Keys Compliance Reports Installation packages **Logs** Audit Log SFE Log **RME Log** Configuration

RME Log

Computer	Hardware ID	IP Address	User	Timestamp	Media	Media ID	Operation	Operation Status	Source	Destination
UYEN-W7X64	VMware-56 4d ...	192.168.0.248		08/01/2016 13:...	USB	Kingston DataT...	Connect	0		E:
UYEN-W7X64	VMware-56 4d ...	192.168.0.248	NT AUTHORITY...	08/01/2016 13:...	USB		Write	0		E:\SECURI
UYEN-W7X64	VMware-56 4d ...	192.168.0.248		08/01/2016 13:...	USB	Kingston DataT...	Disconnect	0		E:

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You can view the following information:

- Computer
- HardwareID
- IP Address
- User
- TimeStamp
- Media
- Operation
- Operation Status
- Source
- Destination

Using RME Log Filter

The Filter (Funnel icon) option in the RME Log page enables you to filter the RME logs based on the specified filter criteria.

To use the Filter:

- Log into SES Web.
- Navigate to the **Logs** tab on the left navigation menu.
- Click the **RME Log** option. The **RME Log** page appears.
- Click on the  (funnel) icon located on beside the **Search** button. The **Filter** popup appears.

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Using RME Log Filter



- To add the filter criteria, click on the “+” icon and select the appropriate criteria (e.g.: Computer or User) from the drop-down menu.

The screenshot shows the SecureDoc RME Log interface. A filter dialog box is open, allowing the user to add filter criteria. The criteria is set to "Operation" contains "con". The log table displays the following data:

Media ID	Operation	Operation Status	Source	Destination
Kingston DataT...	Connect	0		E:
	Write	0		E:\SECURD
Kingston DataT...	Disconnect	0		E:

- Click the **Find** button. The RME logs will be filtered and displayed according to the selected filter criteria.

The screenshot shows the SecureDoc RME Log interface after the filter is applied. The log table displays the following data:

Computer	Hardware ID	IP Address	User	Timestamp	Media	Media ID	Operation	Operation Status	Source	Destination
UYEN-W7X64	VMware-56 4d ...	192.168.0.248		08/01/2016 13:...	USB	Kingston DataT...	Connect	0		E:
UYEN-W7X64	VMware-56 4d ...	192.168.0.248		08/01/2016 13:...	USB	Kingston DataT...	Disconnect	0		E: