



# Use batch imports

SANtricity 11.7

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# Use batch imports

## Import alert settings

You can import alert configurations from one storage array to other storage arrays. This batch operation saves time when you need to configure multiple arrays in the network.

### Before you begin

- Alerts are configured in System Manager for the storage array you want to use as the source (**Settings > Alerts**).
- The existing configuration for the target storage arrays are backed up in System Manager (**Settings > System > Save Storage Array Configuration**).

### About this task

You can select email, SNMP, or syslog alerts for the import operation. The imported settings include:

- **Email alerts** — A mail server address and the email addresses of the alert recipients.
- **Syslog alerts** — A syslog server address and a UDP port.
- **SNMP alerts** — A community name and IP address for the SNMP server.

### Steps

1. From the Manage page, click **Import Settings**.

The Import Settings wizard opens.

2. In the Select Settings dialog box, select either **Email alerts**, **SNMP alerts**, or **Syslog alerts**, and then click **Next**.

A dialog box opens for selecting the source array.

3. In the Select Source dialog box, select the array with the settings you want to import, and then click **Next**.
4. In the Select Targets dialog box, select one or more arrays to receive the new settings.



Storage arrays with firmware below 8.50 are not available for selection. In addition, an array does not appear in this dialog box if Unified Manager cannot communicate with that array (for example, if it is offline or if it has certificate, password, or networking problems).

5. Click **Finish**.

The Operations page displays the results of the import operation. If the operation fails, you can click on its row to see more information.

### Results

The target storage arrays are now configured to send alerts to administrators through email, SNMP, or syslog.

## Import AutoSupport settings

You can import an AutoSupport configuration from one storage array to other storage

arrays. This batch operation saves time when you need to configure multiple arrays in the network.

### Before you begin

- AutoSupport is configured in System Manager for the storage array you want to use as the source (**Support > Support Center**).
- The existing configuration for the target storage arrays are backed up in System Manager (**Settings > System > Save Storage Array Configuration**).

### About this task

Imported settings include the separate features (Basic AutoSupport, AutoSupport OnDemand, and Remote Diagnostics), the maintenance window, delivery method, and dispatch schedule.

### Steps

1. From the Manage page, click **Import Settings**.

The Import Settings wizard opens.

2. In the Select Settings dialog box, select **AutoSupport** and then click **Next**.

A dialog box opens for selecting the source array.

3. In the Select Source dialog box, select the array with the settings you want to import, and then click **Next**.
4. In the Select Targets dialog box, select one or more arrays to receive the new settings.



Storage arrays with firmware below 8.50 are not available for selection. In addition, an array does not appear in this dialog box if Unified Manager cannot communicate with that array (for example, if it is offline or if it has certificate, password, or networking problems).

5. Click **Finish**.

The Operations page displays the results of the import operation. If the operation fails, you can click on its row to see more information.

### Results

The target storage arrays are now configured with the same AutoSupport settings as the source array.

## Import directory services settings

You can import a directory services configuration from one storage array to other storage arrays. This batch operation saves time when you need to configure multiple arrays in the network.

### Before you begin

- Directory services are configured in System Manager for the storage array you want to use as the source (**Settings > Access Management**).
- The existing configuration for the target storage arrays are backed up in System Manager (**Settings > System > Save Storage Array Configuration**).

## About this task

Imported settings include the domain name and URL of an LDAP (Lightweight Directory Access Protocol) server, along with the mappings for the LDAP server's user groups to the storage array's predefined roles.

## Steps

1. From the Manage page, click **Import Settings**.

The Import Settings wizard opens.

2. In the Select Settings dialog box, select **Directory services** and then click **Next**.

A dialog box opens for selecting the source array.

3. In the Select Source dialog box, select the array with the settings you want to import, and then click **Next**.
4. In the Select Targets dialog box, select one or more arrays to receive the new settings.



Storage arrays with firmware below 8.50 are not available for selection. In addition, an array does not appear in this dialog box if Unified Manager cannot communicate with that array (for example, if it is offline or if it has certificate, password, or networking problems).

5. Click **Finish**.

The Operations page displays the results of the import operation. If the operation fails, you can click on its row to see more information.

## Results

The target storage arrays are now configured with the same directory services as the source array.

# Import system settings

You can import the system configuration from one storage array to other storage arrays. This batch operation saves time when you need to configure multiple arrays in the network.

## Before you begin

- System settings are configured in System Manager for the storage array you want to use as the source.
- The existing configuration for the target storage arrays are backed up in System Manager (**Settings > System > Save Storage Array Configuration**).

## About this task

Imported settings include media scan settings for a volume, SSD settings for controllers, and automatic load balancing (does not include host connectivity reporting).

## Steps

1. From the Manage page, click **Import Settings**.

The Import Settings wizard opens.

2. In the Select Settings dialog box, select **System** and then click **Next**.

A dialog box opens for selecting the source array.

3. In the Select Source dialog box, select the array with the settings you want to import, and then click **Next**.
4. In the Select Targets dialog box, select one or more arrays to receive the new settings.



Storage arrays with firmware below 8.50 are not available for selection. In addition, an array does not appear in this dialog box if Unified Manager cannot communicate with that array (for example, if it is offline or if it has certificate, password, or networking problems).

5. Click **Finish**.

The Operations page displays the results of the import operation. If the operation fails, you can click on its row to see more information.

## Results

The target storage arrays are now configured with the same system settings as the source array.

# Import storage configuration settings

You can import the storage configuration from one storage array to other storage arrays. This batch operation saves time when you need to configure multiple arrays in the network.

## Before you begin

- Storage is configured in SANtricity System Manager for the storage array you want to use as the source.
- The existing configuration for the target storage arrays are backed up in System Manager (**Settings > System > Save Storage Array Configuration**).
- The source and target arrays must meet these requirements:
  - The shelves where the controllers reside must be identical.
  - Shelf IDs must be identical.
  - Expansion shelves must be populated in the same slots with the same drive types.
  - The RBOD enclosure type must be identical.
  - The HICs, including the Data Assurance capabilities of the host, must be identical.
  - The target arrays must be in Optimal status.
  - The volume capacity on the target array is larger than the source array's capacity.
- You understand the following restrictions:
  - Importing from a duplex to simplex configuration is not supported; however, importing from simplex to duplex is allowed.
  - Disk pool volumes 64 TB or larger on the source array will prevent the import process on the targets.
  - Thin volumes are not included in the import process.

## About this task

Imported settings include configured volumes (thick and non-repository volumes only), volume groups, pools, and hot spare drive assignments.

## Steps

1. From the Manage page, click **Import Settings**.

The Import Settings wizard opens.

2. In the Select Settings dialog box, select **Storage configuration** and then click **Next**.

A dialog box opens for selecting the source array.

3. In the Select Source dialog box, select the array with the settings you want to import, and then click **Next**.

4. In the Select Targets dialog box, select one or more arrays to receive the new settings.



Storage arrays with firmware below 8.50 are not available for selection. In addition, an array does not appear in this dialog box if Unified Manager cannot communicate with that array (for example, if it is offline or if it has certificate, password, or networking problems).

5. Click **Finish**.

The Operations page displays the results of the import operation. If the operation fails, you can click on its row to see more information.

## Results

The target storage arrays are now configured with the same storage configuration as the source array.

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