



Configure Switch Refresh Utility

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Switch Refresh Utility Overview

The Switch Refresh Utility feature helps ease migration of old switch models to newer switch models with minimal change in Cisco Emergency Responder. This feature allows you to save the old switch model configuration details which can be uploaded to your new switch configuration after discovery of the new switch.

As part of this feature, the following functionalities are introduced:

- **Save Switch Config**—The Save Switch Port Configuration page allows you to select and save the switch configuration details of an older switch in a CSV data file in your Cisco Emergency Responder system. You may download, review, and modify the csv file if needed.
- **Upload Switch Config**—The Upload Switch Configuration page allows you to upload the saved switch CSV file to the new switch after it is physically replaced and discovered in Cisco Emergency Responder.

The functionality of **Save Switch Config** or **Upload Switch Config** is mainly for scenario of switch refresh where the IP address of the old switch and the new switch is the same. If the IP address of the new switch is different, you should perform an export switch functionality on the Switch Port Page. The Save Switch Config data may include the assigned ERL Name, Switch IP Address, IfName, Location, Port Name, Switch HostName, Port Identifier, Port Description, and Index details.

For more information on **Save Switch Config** and **Upload Switch Config** configuration pages, see [Save Switch Port Configuration](#) and [Upload Switch Port Configuration](#). You can also view details of all the saved CSV data files in the **File Management Utility** page.



Note

We recommend that you replace minimal number of switches at a time using the switch refresh utility method. If you have a large network, you can replace up to 50 switches at a time.

Save Switch Configuration

Use the Switch Port Details page to save the switch port configuration details.

Procedure

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- Step 1** From Cisco ER Administration, navigate to **ERL Membership > Switch Ports** to view the list of switches.
 - Step 2** In the Switch Port Search Parameters, click **Find**.
 - Step 3** Select the IP address of the switches which are going to be refreshed.
 - Step 4** Click **Save Switch Config**.
The Save Switch Port Configuration page displays.
 - Step 5** From the **Select Save Config Format** drop-down list, choose the CSV format.
 - Step 6** In the **Enter Save Config File name** option, enter the name of the file you want to save with.
 - Step 7** Click **Save Config** to create and save the file.
 - Step 8** Use the **Download** drop-down menu to select a file and download a copy to your local system.
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Physical Refresh of Switch and Full Discovery in Emergency Responder

During the maintenance window, physically replace the older switch and replace it with a new switch. After the physical replacement with a new switch, perform full discovery on Cisco Emergency Responder.

Procedure

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- Step 1** To run full discovery (phone tracking), select **Phone Tracking > Run Switch-Port & Phone Update**.
 - Step 2** Navigate to **ERL Membership > Switch Ports**. Check for the timestamp mentioned in the Switch Port Details page which is updated once full discovery is complete.
 - Step 3** Verify the new switch details and then perform the **Upload Switch Config** functionality.
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Upload Switch Configuration

After uploading the CSV file, the current configuration data will be overwritten and the saved ERL, Port, Location, and IP Address details will be added to the new switch.



Note The saved switch config details will be uploaded to the respective ports on the new switch. Any differential ports must be assigned manually by the administrator.

Before you begin

Ensure that you run full discovery so that the new switch information is updated in the system.

Procedure

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- Step 1** From Cisco ER Administration, navigate to **ERL Membership > Switch Ports** to view the list of new switches added.
- Step 2** Click **Upload Switch Config**.
The Upload Switch Port Configuration page displays.
- Step 3** From the **Select Upload config File Format** drop-down list, choose the CSV format.
- Step 4** From the **Select File to Upload Config** drop-down list, select the file to be uploaded.
- Step 5** Click **Upload**.
You can view the status of the upload in the **Status** box.
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