

Copy/Save Configuration on the ESW2-550X Switch

Objective

The copy/save settings are used to save or copy the switch configuration from a volatile memory to a non-volatile memory. Configuration changes made on the switch are saved in the running configuration (volatile memory) and are removed once the switch is rebooted. To preserve these configurations the running configuration must be copied to startup configuration (non-volatile memory) or saved on another device.

This article explains how to copy/save configurations on the ESW2-550X stackable managed switch.

Applicable Devices

- ESW2-550X
- ESW2-550X-DC

Software Version

- v1.2.9.44

Copy/Save Configuration

Step 1. Log in to the web configuration utility and choose **Administration > File Management > Copy/Save Configuration**. The *Copy/Save Configuration* page opens:

Copy/Save Configuration

All configurations that the switch is currently using are in the running configuration file which is volatile and is not retained between reboots. To retain the configuration between reboots, make sure you copy the running configuration file to the startup configuration file after you have completed all your changes.

Source File Name: Running configuration
 Startup configuration
 Backup configuration
 Mirror configuration

Destination File Name: Running configuration
 Startup configuration
 Backup configuration

Sensitive Data: Exclude
 Encrypted
 Plaintext
Available sensitive data options are determined by the current user's SSD rules

Save Icon Blinking: Enabled

Apply Cancel Disable Save Icon Blinking

Step 2. Click the desired radio button in the *Source File Name* field to choose the configuration file that needs to be copied. The available configuration files are:

- Running configuration — The current configuration running on the switch will be in the volatile memory.
- Startup configuration — The configuration used when the switch is started or rebooted.

- Backup configuration — The configuration saved in the non-volatile memory can be used if the startup and running configuration are crashed.
- Mirror configuration — If running configuration is not modified for at least 24 hours, it is automatically saved to the mirror configuration and a log message is generated with the appropriate event severity level.

Step 3. Click the desired radio button in the *Destination File Name* field to which the source file is to be copied. The available configuration files are:

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Source File Name: Running configuration
 Startup configuration
 Backup configuration
 Mirror configuration

Destination File Name: Running configuration
 Startup configuration
 Backup configuration

Sensitive Data: Exclude
 Encrypted
 Plaintext
Available sensitive data options are determined by the current user's SSD rules

Save Icon Blinking: Enabled

Note: *Sensitive Data* field is enabled when Backup configuration is chosen in Step 3.

Secure Sensitive Data (SSD) is an architecture that provides protection to sensitive data on a device, such as passwords and keys. SSD also enables the secure backup and sharing of configuration files which contains sensitive data. To configure SSD rules choose **Security > Secure Sensitive Data Management > SSD Rules**. The SSD rules can be configured by users who have read permission of Plaintext and encrypted.

Step 4. Click the desired radio button in the *Sensitive Data* field to define how the sensitive data should be saved in the backup process.

- Exclude — The sensitive data are not saved to the backup configuration.
- Encrypted — The sensitive data are saved in the encrypted form only.
- Plaintext — The sensitive data are saved as the plaintext only.

Step 5. Click **Apply**.

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All configurations that the switch is currently using are in the running configuration file which is volatile and is not retained between reboots. To retain the configuration between reboots, make sure you copy the running configuration file to the startup configuration file after you have completed all your changes.

Source File Name:	<input checked="" type="radio"/> Running configuration <input type="radio"/> Startup configuration <input type="radio"/> Backup configuration <input type="radio"/> Mirror configuration
Destination File Name:	<input type="radio"/> Running configuration <input type="radio"/> Startup configuration <input checked="" type="radio"/> Backup configuration
Sensitive Data:	<input checked="" type="radio"/> Exclude <input type="radio"/> Encrypted <input type="radio"/> Plaintext <small>Available sensitive data options are determined by the current user's SSD rules</small>
Save Icon Blinking:	Enabled

Step 6. (Optional) The configuration changes are saved in the running configuration by default and if the switch gets rebooted all the running configuration would be lost, so in order to notify this to the user, save icon always blinks on the top right of the switch web utility. To disable the save icon from blinking, click **Disable Save Icon Blinking** but it is not recommended.