

How to Manually Reboot or Reset a Switch

Objective

The Reboot feature of the network device is useful when certain changes in the settings require a reboot to completely apply the configuration settings, or if the device is not functioning as expected. The configuration settings of the network device get reflected after the device restarts.

The Reset feature is used to remove the running or current configuration settings on the network device and restore it to the original default settings. Manual reset is recommended when the whole device needs to be reconfigured, or in case you forget the password and not able to recover by any means such as accessing the console using Telnet or Command Line Interface (CLI).

This article provides instructions on how to manually reboot or reset your switch. If you would like to use the CLI for the reset, [click here to access the CLI version](#).

Applicable Devices | Firmware Version

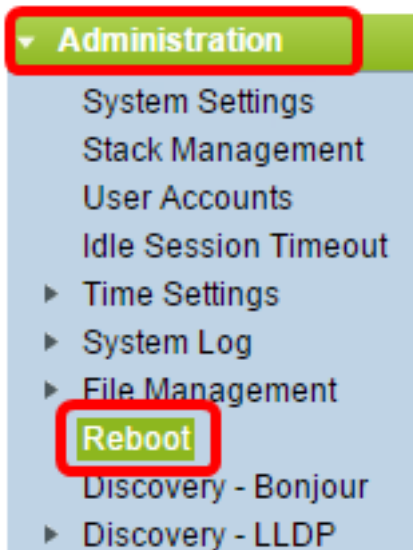
- Sx250 Series | 2.2.5.68 ([Download latest](#))
- Sx300 Series | 1.4.7.05 ([Download latest](#))
- Sx350 Series | 2.2.5.68 ([Download latest](#))
- SG350X Series | 2.2.5.68 ([Download latest](#))
- Sx550X Series | 2.2.5.68 ([Download latest](#))

Manually Reboot the Switch

Important: When a switch is rebooted, the running configuration file is deleted. Before proceeding with the reboot instructions, make sure to save all the running configuration settings to avoid data loss. If you would like assistance with the reboot, check out the article [Download or Back Up Configuration Files on a Switch](#).

Step 1

Log in to the web-based utility of the switch and choose **Administration > Reboot**.

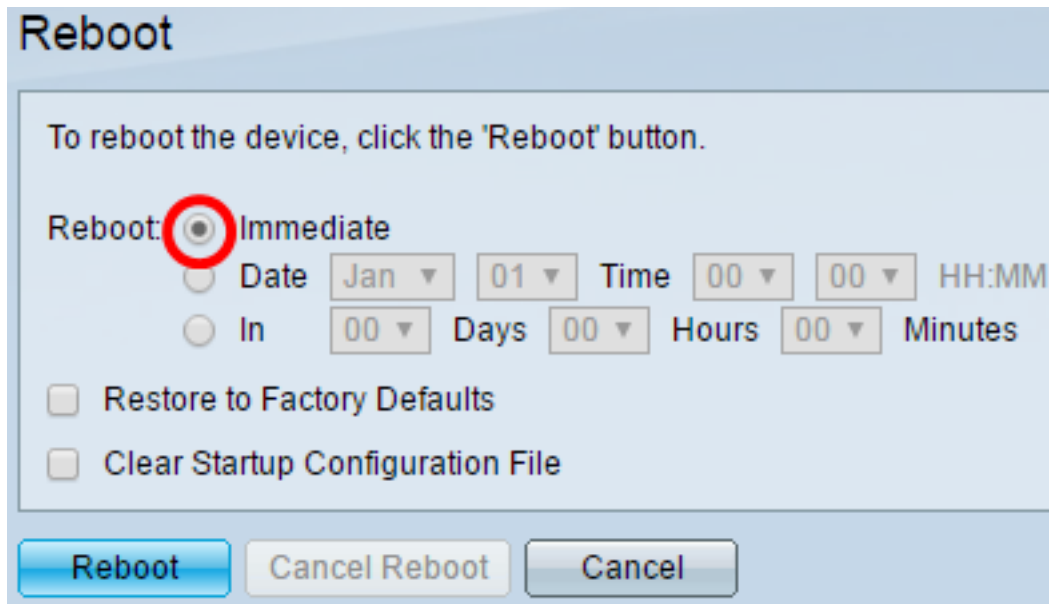


Step 2

In the Reboot area, click the radio button that corresponds to the desired time at which the switch reboots.

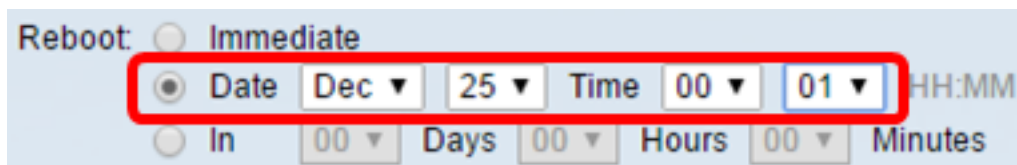
The options are:

- Immediate - Switch reboots immediately once Reboot is clicked.



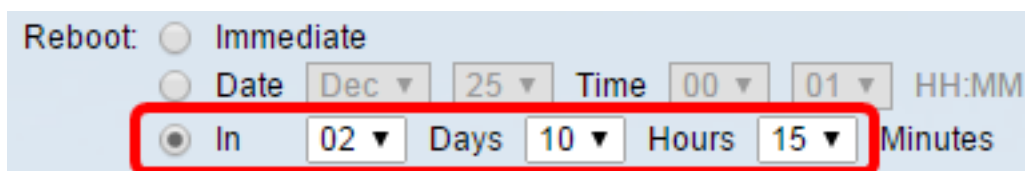
The screenshot shows a 'Reboot' configuration window. At the top, it says 'To reboot the device, click the 'Reboot' button.' Below this, there are three radio button options: 'Immediate', 'Date', and 'In'. The 'Immediate' option is selected and circled in red. To the right of the 'Date' option are dropdown menus for month (Jan), day (01), and time (00:00). To the right of the 'In' option are dropdown menus for days (00), hours (00), and minutes. Below these options are two checkboxes: 'Restore to Factory Defaults' and 'Clear Startup Configuration File'. At the bottom, there are three buttons: 'Reboot', 'Cancel Reboot', and 'Cancel'.

- Date - Switch reboots on the configured date and time. Choose the month and date on which you want the switch to be rebooted and the specific time on that particular day to reboot the switch.



This screenshot shows the 'Date' option selected and circled in red. The dropdown menus are set to 'Dec' for the month, '25' for the day, and '00:01' for the time.

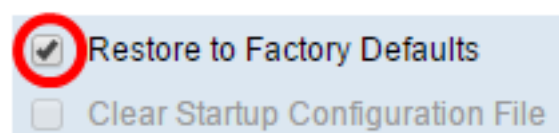
- In - Switch reboots after the configured time has passed. Choose the number of days and hours the switch waits to reboot. Once that fixed time passes, the switch reboots.



This screenshot shows the 'In' option selected and circled in red. The dropdown menus are set to '02' for days, '10' for hours, and '15' for minutes.

Step 3

(Optional) Check the **Restore to Factory Defaults** check box to reboot the switch to the factory default configuration.



This screenshot shows the 'Restore to Factory Defaults' checkbox checked and circled in red. The 'Clear Startup Configuration File' checkbox is unchecked.

Step 4

(Optional) Check the **Clear Startup Configuration File** check box to clear the configuration on the switch after reboot.

Restore to Factory Defaults
 Clear Startup Configuration File

Step 5

Click **Reboot** to reboot the switch.

Note: In this example, Immediate is chosen and Restore to Factory Defaults is checked.

Reboot

To reboot the device, click the 'Reboot' button.

Reboot: Immediate
 Date Time HH:MM
 In Days Hours Minutes

Restore to Factory Defaults
 Clear Startup Configuration File

Reboot Cancel Reboot Cancel

Note: DHCP Auto Configuration is enabled by default in the factory settings. In order to properly reboot the switch to factory defaults, you need to disable the DHCP Auto Configuration so the switch does not automatically download a configuration from a local server. To learn more about this feature, click [here](#) for instructions.

You have now successfully rebooted your switch.

Manually Reset the Switch

Step 1

Disconnect all Ethernet cables from the switch.

Step 2

Using a pin, press and hold the **Reset** button on the switch for 15 to 20 seconds.



Note: In this example, SG350X-24 24-Port Gigabit Stackable Managed Switch is used.

Step 3

Once all the port LEDs light up, release the Reset button.

Step 4

Connect your computer directly to the switch using an Ethernet cable.

Step 5

Open a web browser on your computer and enter the IP address of the switch in the address bar. The default IP address of the switch is 192.168.1.254.



Note: In order to connect properly, make sure that your computer has an IP address in the same subnet as the switch. In this example, the IP address of the computer is 192.168.1.100 and the subnet mask is 255.255.255.0.

Obtain an IP address automatically

Use the following IP address:

IP address:	192 . 168 . 1 . 100
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	. . .

Step 6

Once connected, the switch will prompt for a username and password. The default username and password is: cisco/cisco.

Note: You will be required to configure new password for better protection of your network.

Step 7

Enter **cisco** in the *Old Password* field.

Change Password

Please change your password from the default settings for better protection of your network

The minimum requirements are as follows:

- Cannot be the same as the user name.
- Cannot be the same as the current password.
- Minimum length is 8.
- Minimum number of character classes is 3. Character classes are upper case, lower case, numeric, and special characters.

New Password Configuration

Old Password:

Step 8

Enter the new password in the *New Password* and *Confirm Password* fields.

New Password Configuration

Old Password:

New Password:

Confirm Password:

Password Strength Meter: Below Minimum

Step 9

Check the **Disable** Password Complexity Enforcement check box to bypass the password strength requirements.

Password Strength Meter: Below Minimum

Password Strength Enforcement: Disable

Note: To learn how to configure the Password Strength security feature of the switch, click [here](#) for instructions.

Step 10

Click **Apply** to apply the configuration.

Change Password

Please change your password from the default settings for better protection of your network

The minimum requirements are as follows:

- Cannot be the same as the user name.
- Cannot be the same as the current password.
- Minimum length is 8.
- Minimum number of character classes is 3. Character classes are upper case, lower case, numeric, and special characters.

New Password Configuration

Old Password:

New Password:

Confirm Password:

Password Strength Meter:

Below Minimum

Password Strength Enforcement:

 Disable

Apply

Step 11

Once prompted by the popup message below, click **OK**.



Disabling password rules enforcement will increase your network security risk, because this disables all password rules, including minimum password complexity and password aging.

Are you sure you want to continue?

OK

Cancel

Step 12

(Optional) Click **Save** to save settings to the startup configuration file.



You have now successfully reset the switch manually.