

Configure Simple Network Management Protocol (SNMP) Trap Settings on a Switch

Objective

The Simple Network Management Protocol (SNMP) is an Internet-standard protocol used to manage devices on IP networks. The SNMP messages are used to inspect and communicate information about managed objects. The Trap message is one of the types of SNMP messages which are generated to report system events.

The Cisco Small Business Series Switches function as an SNMP agent and reports system events to trap receivers, also known as Notification Recipients, with the traps defined in the supported Management Information Base (MIBs). Trap-directed notification can greatly improve a network because it removes the need for frivolous SNMP requests.

This article provides instructions on how to configure the system time settings on your switch.

Applicable Devices

- Sx250 Series
- Sx300 Series
- Sx350 Series
- SG350X Series
- Sx500 Series
- Sx550X Series

Software Version

- 1.4.7.05 — Sx300, Sx500
- 2.2.8.04 — Sx250, Sx350, SG350X, Sx550X

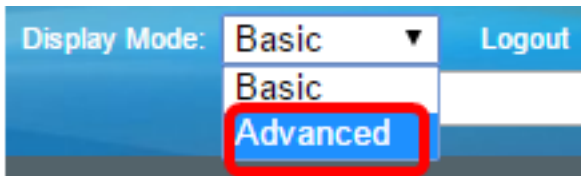
Configure SNMP Trap Settings on your Switch

The Trap Settings page of the web-based utility of the switch allows you to configure whether SNMP notifications are sent from the device, and for which applicable cases. Follow the steps below to configure the SNMP trap settings on your switch.

Note: To know how to configure the SNMP Notification Recipients SNMPv1, SNMPv2, or SNMPv3, click [here](#). For instructions on how to configure SNMP notification filter on a switch, click [here](#).

Step 1. Log in to the web-based utility of your switch then choose **Advanced** in the Display Mode drop-down list.

Note: In this example, SG350X-48MP switch is used.



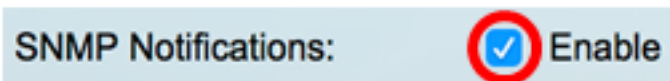
Note: If you have an Sx300 or Sx500 Series switch, skip to [Step 2](#).

[Step 2](#). Choose **SNMP > Trap Settings**.



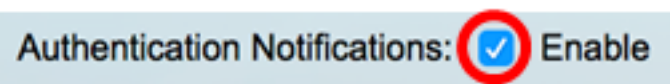
Step 3. Check the **Enable** SNMP Notifications check box to specify that the switch can send SNMP notifications to the trap receivers. Uncheck the check box if you want to disable this feature.

Note: This feature is enabled by default.

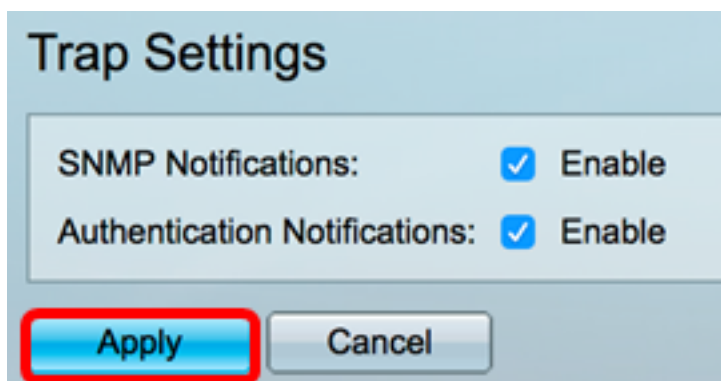


Step 4. Check the **Enable** Authentication Notifications check box to enable SNMP authentication notification. Uncheck the check box if you want to disable this feature.

Note: This feature is enabled by default.



Step 5. Click **Apply**.



Step 6. (Optional) Click **Save** to save settings to the startup configuration file.



You should now have successfully configured the SNMP trap settings on your switch.