Configuring Smartports on the SG350XG and SG550XG

Objective

Smartport is a feature that lets the switch apply a preconfigured configuration to multiple interfaces depending on the type of device that is trying to connect. Auto smartport lets the switch apply these configurations to interfaces automatically when it detects the connecting devices.

The objective of this document is to show you how to configure global auto smartport properties on the SG350XG and SG550XG.

Applicable Devices

• SG350XG
• SG550XG

Software Version

• v2.1.0.46

Smartport Properties

Step 1. Log in to the web configuration utility and choose **Smartport > Properties**. The *Properties* page opens.

Step 2. In the *Administrative Auto Smartport* field, select a radio button to choose Auto Smartport's global status. If you are not using the Advanced display mode, skip to Step 5 after choosing a radio button.

The options are:

- Disable – Disables Auto Smartport on the switch.
- Enable – Enables Auto Smartport on the switch.
- Enable by Auto Voice VLAN – Enables Auto Smartport on the switch, but only if Auto Voice VLAN is enabled and in operation.

Note: Auto Smartport can only be enabled if Telephony OUI is disabled. The status of Telephony OUI is displayed at the top of the page.

Note: The *Operational Auto Smartport* displays the current operational status of Auto Smartport.

Step 3. In the *Auto Smartport Device Detection Method* field, check the checkboxes to determine what types of incoming packets will be used by Auto Smartport to detect the type of the connecting device.

The options are:

- CDP – Auto Smartport will use incoming CDP (Cisco Discovery Protocol) packets to determine the type of connecting device.

- LLDP – Auto Smartport will use incoming LLDP (Link Layer Discovery Protocol) packets to determine the type of connecting device.

    Note: At least one checkbox must be checked in order for Auto Smartport to work.

    Note: The *Operational CDP Status* and *Operational LLDP Status* fields display whether Auto Smartport is currently using CDP or LLDP, respectively.

    Step 4. In the *Auto Smartport Device Detection* field, check the checkboxes corresponding to the types of device configurations Auto Smartport can assign to interfaces. If a device is unchecked, then Auto Smartport will not assign that configuration to a connecting device's interface.

Step 5. Click **Apply**. The global Auto Smartport properties are saved.

Conclusion

The instructions in this article allow you to globally enable or disable Auto Smartport and control which protocols it uses for operation. You can also control which configurations Auto Smartport can assign to a connecting device. It's important to note that if Telephony OUI is enabled, Auto Smartport cannot function, and vice versa.

When configured properly, any interface that a device is connecting will be automatically updated with the device's corresponding configuration.