Configure Bonjour Settings on a Switch through the CLI

Objective

Bonjour is a technology by Apple that allows devices on the same network to discover and connect to each other without any additional configuration. The latest Cisco Small Business Switches are able to broadcast Bonjour Discovery packets that advertise the services they provide. These advertisements can be read by other devices on the network, such as network management tools or third-party applications.

The objective of this document is to show you how to configure the Bonjour settings through the Command Line Interface (CLI) of your switch.

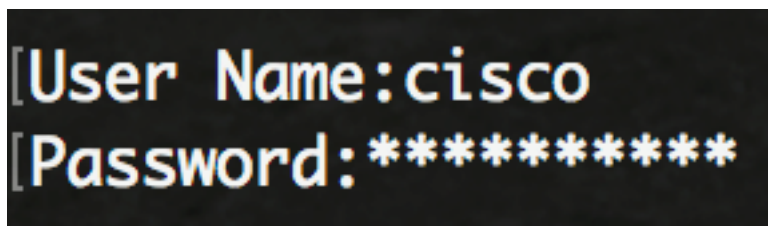## Applicable Devices

- Sx350 Series
- SG350X Series
- Sx550X Series

Software Version

- 2.3.5.63

Configure Bonjour Settings

Step 1. Log in to the switch console. The default username and password is cisco/cisco. If you have configured a new username or password, enter the credentials instead.

Note: To learn how to access an SMB switch CLI through SSH or Telnet, click here.

[User Name:cisco
[Password:**********

Note: The commands may vary depending on the exact model of your switch. In this example, the SG350X switch is accessed through Telnet.

Step 2. From the Privileged EXEC mode of the switch, enter the Global Configuration mode by entering the following:

SG350X#configure

Step 3. To globally enable Bonjour on the switch, enter the following:

```
SG350X(config)#bonjour enable
```

```
[SG350X#configure
[SG350X(config)#bonjour enable
SG350X(config)#
```

Note: This feature is enabled by default.

Step 4. (Optional) To globally disable Bonjour on the switch, enter the following:

```
SG350X(config)#no bonjour enable
```

Note: If Bonjour is disabled, the switch stops sending Bonjour Discovery advertisements and stops listening for Bonjour Discovery advertisements sent by other devices.

Step 5. To add L2 interfaces to the Bonjour L2 interface list, enter the following:

```
SG350X(config)#bonjour interface range [interface-list]
```

- interface-list — Specifies a list of interfaces. Only interfaces supporting L2 Multicast forwarding can be specified.

Note: The Bonjour L2 interface list specifies a set of interfaces on which Bonjour is enabled.

```
[SG350X#configure
[SG350X(config)#bonjour enable
[SG350X(config)#bonjour interface range VLAN 10-20
SG350X(config)#
```

Note: In this example, VLAN 10-20 are added to the Bonjour L2 interface list.

Step 6. Enter the **exit** command to go back to the Privileged EXEC mode of the switch:

```
SG350X(config)#exit
```

```
[SG350X#configure
[SG350X(config)#bonjour enable
[SG350X(config)#bonjour interface range VLAN 10-20
[SG350X(config)#exit
SG350X#
```

Step 7. (Optional) To display Bonjour information on the switch, enter the following:

```
SG350X#show bonjour [interface-id]
```

- interface-list — Specifies an interface.

```
[SG350X(config)#exit
[SG350X#show bonjour
Bonjour global status: enabled
Bonjour L2 interfaces list:
ports gi1/0/5
vlans 1,10-20

Service    Admin Status    Oper Status
-------    ------------    -----------
csco-sb    enabled         enabled
http       enabled         enabled
https      enabled         enabled
ssh        enabled         enabled
telnet     enabled         enabled

SG350X#
```

Step 8. (Optional) In the Privileged EXEC mode of the switch, save the configured settings to the startup configuration file by entering the following:

```
SG350X#copy running-config startup-config
```

```
[SG350X#copy running-config startup-config
Overwrite file [startup-config].... (Y/N)[N] ?
```

Step 9. (Optional) Press **Y** for Yes or **N** for No on your keyboard once the Overwrite file [startup-config].... prompt appears.

```
[SG350X#copy running-config startup-config
Overwrite file [startup-config].... (Y/N)[N] ?Y
22-Sep-2017 04:09:18 %COPY-I-FILECPY: Files Copy - source URL running-config des
tination URL flash://system/configuration/startup-config
22-Sep-2017 04:09:20 %COPY-N-TRAP: The copy operation was completed successfully

SG350X#
```

You should now have successfully configured the Bonjour settings on your switch through the CLI.