

# Add a DNS Server on the 200/300 Series Managed Switches

## Objective

A Domain Name System (DNS) converts fully qualified domain names (FQDNs) to IP addresses. This is helpful because domain names are easier to remember than IP addresses. The 200/300 Series Managed Switches let you add a DNS server, which means the switch acts as a DNS client. This article explains the configuration of a DNS server on the 200/300 Series Managed Switches.

## Applicable Devices

- SF/SG 200 and SF/SG 300 Series Managed Switches

## Software Version

- v1.2.7.76

## DNS Server Configuration

Step 1. Log in to the web configuration utility and choose **IP Configuration > Domain Name System > DNS Servers**. The *DNS Servers* page opens.

**DNS Servers**

DNS: ☒ Enable

**Default Parameters**

Default Domain Name:  (11/158 Characters Used)

Type: N/A

**DNS Server Table**

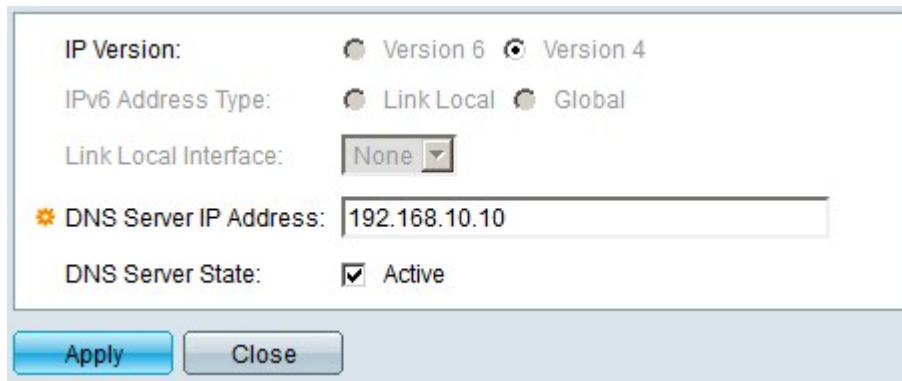
<input type="checkbox"/>	DNS Server	Server state
0 results found.		

Step 2. In the DNS field, check the **Enable** check box to enable the switch to resolve DNS names into IP addresses via a DNS server.

Step 3. (Optional) In the Default Domain Name field, enter the default name. This name is added to the end of any non-fully qualified domains name, to make them fully qualified domain names.

Step 4. Click **Apply** to save the default DNS server configuration.

Step 5. To add a DNS server, click **Add**. The *Add DNS Server* window appears.



The screenshot shows the 'Add DNS Server' configuration window. It contains the following fields and options:

- IP Version:** Two radio buttons are present: 'Version 6' (which is selected) and 'Version 4'.
- IPv6 Address Type:** Two radio buttons are present: 'Link Local' and 'Global'.
- Link Local Interface:** A drop-down menu currently showing 'None'.
- DNS Server IP Address:** A text input field containing the IP address '192.168.10.10'.
- DNS Server State:** A checked checkbox labeled 'Active'.

At the bottom of the window are two buttons: 'Apply' (highlighted in blue) and 'Close'.

Step 6. In the IP Version field, click the IP version of the DNS server. The available options are:

- Version 6 — This option lets you enter an IPv6 address.
- Version 4 — This option lets you enter an IPv4 address.

**Note:** The IPv6 radio button is available only if an IPv6 address is configured for the switch.

Step 7. If you chose Version 6 as the IP address version in Step 6, then in the IPv6 Address Type field, click the type of the IPv6 address. The available options are:

- Link Local — An IPv6 address that only identifies hosts on a single network link.
- Global — An IPv6 address that is reachable from other networks.

Step 8. If you chose Link Local as the IPv6 address type, choose the appropriate interface in the Link Local Interface drop-down list.

Step 9. In the DNS Server IP Address field, enter the IP address of the DNS server.

Step 10. In the DNS Server State field, check the **Active** check box to activate the DNS server.

Step 11. Click **Apply** to save your configuration.

### DNS Servers

DNS: ☒ Enable

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**Default Parameters**

Default Domain Name:  (11/158 Characters Used)

Type: Static

DNS Server Table		
<input checked="" type="checkbox"/>	DNS Server	Server state
<input checked="" type="checkbox"/>	192.168.10.10	Active

Step 12. (Optional) To delete an entry in the DNS Server Table, check the check box of the entry you wish to delete and click **Delete**.