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

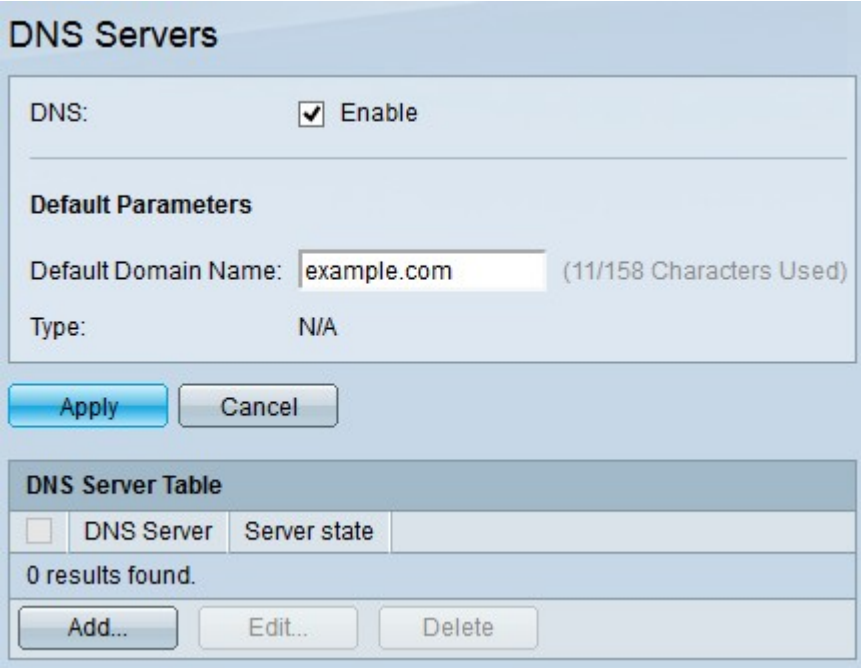
- SF/SG 200 and SF/SG 300 Series Managed Switches

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.

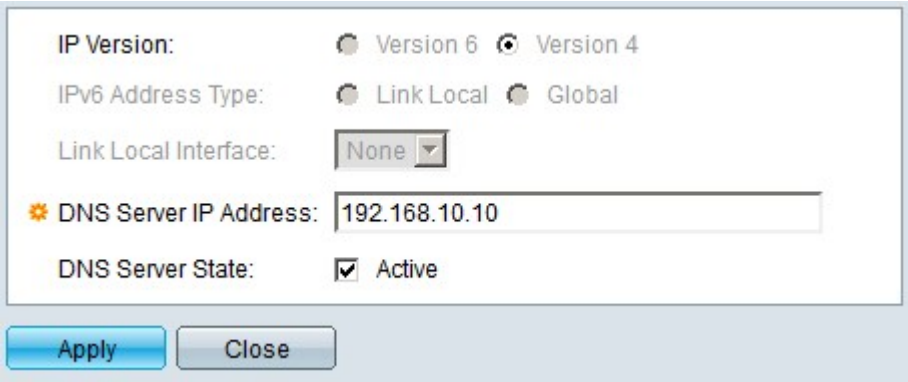


Step 2. In the DNS field, check the **Enable** check box to enable the switch to resolve DNS names into IP addresses via a DNS server.

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.



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:

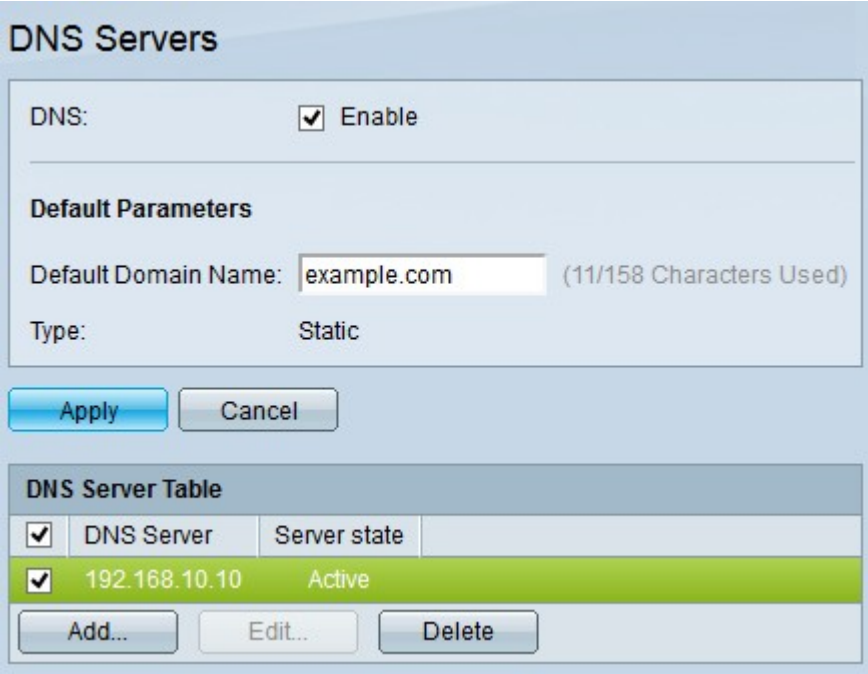
- Link Local — An IPv6 address that only identifies hosts on a single network link.
- Global — An IPv6 address that is reachable from other networks.

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.



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**.