

IPv6 Default Gateway Settings on SFE/SGE Series Stackable Managed Switches

Objective

The objective of this document is to help configure Default Gateway Settings on SFE/SGE Series Stackable Managed Switches. The default gateway address is an interface that serves as an access point to another network. The user-configured Default Gateway has a higher precedence over automatically advertised addresses.

Applicable Devices

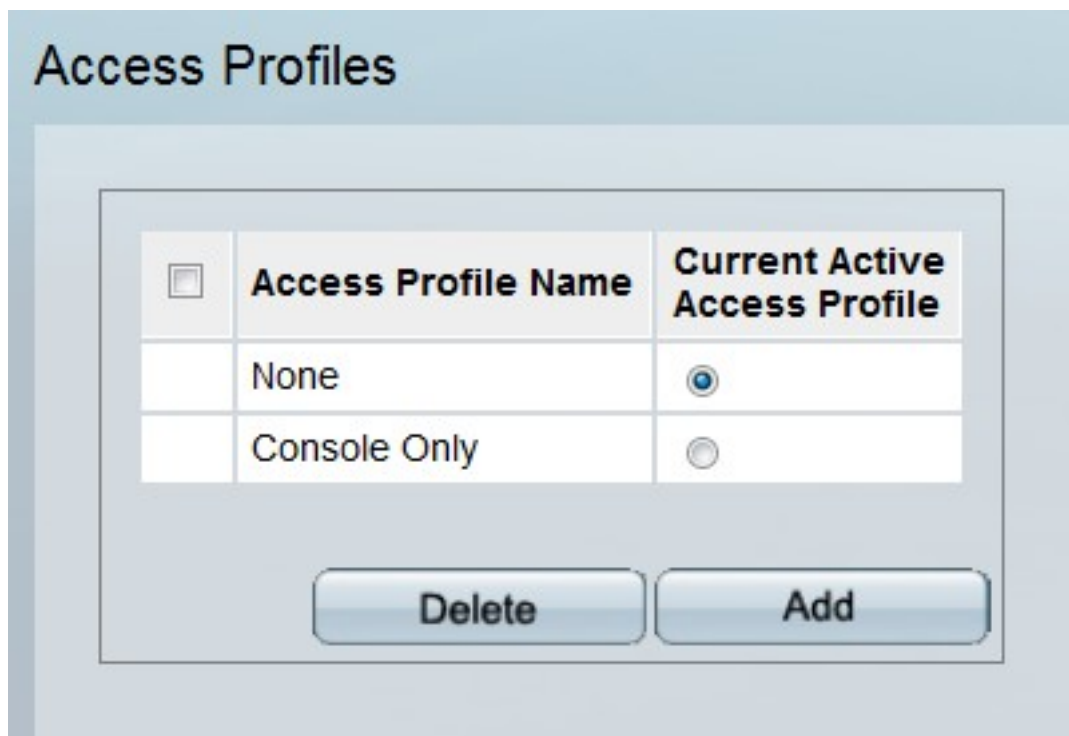
- SFE/SGE Series Stackable Managed Switches

Software Version

- v3.0.2.0

Default Gateway Settings

Step 1. Log in to the web configuration utility and choose **System > System Management > IP Addressing > IPv6 Configuration > Default Gateway**. The *Default Gateway* page opens:



Access Profiles

<input type="checkbox"/>	Access Profile Name	Current Active Access Profile
	None	<input checked="" type="radio"/>
	Console Only	<input type="radio"/>

Delete Add



The Default Gateway table displays the following fields:

- Default Gateway IP Address — The Link Local IP address of the gateway is displayed.
- Interface — Displays the VLAN ID for which the default gateway can be received.
- Type — Displays if the default gateway is static or dynamic.
- State — Status of the Default Gateway is displayed. The options are:
 - Incomplete — The address resolution is in process and the Default Gateway has not responded.
 - Reachable — The gateway is reachable.
 - Stale — If a neighbor that was marked reachable is not found found reachable the next time and if no verification takes place, stale message is displayed.
 - Delay — If a neighbor that was marked reachable is not found found reachable the next time and has a pre-defined delay time, delay message is displayed.
 - Probe — If a neighbor is no longer reachable and unicast neighbor solicitation probes are sent to verify its reachability then Probe message is displayed.

Step 2.(Optional) To delete an existing IPv6 neighbor check the corresponding check box and then click **Delete**.

Step 3. Click **Add** to add a new static default gateway. The *Add Static Default Gateway* window appears:



The Supported IP Format field displays that the supported IP version is IPV6.

The IPv6 Address Type field displays that the type of IPv6 address type is Link local which uniquely identifies hosts on a single network.

The Link Local Interface field displays that VLAN is the Link Local Interface.

Step 4. In the Default Gateway IP Address field, enter the static default IP address. It should be in xxxx:xxxx:xxxx:xxxx format, where "x" represents a hexadecimal letter (a-f) or number.

Step 5. Click **Apply** to save the configuration.

Caution: This only saves your configuration to the running configuration file. This means any changes made will be lost if the device is rebooted. If you wish to save these changes even after a system reboot, you need to copy the running configuration file to the startup configuration file. See *Copy Configuration File on SFE/SGE Series Managed Switches* for more information on how to do this.