

Configuration of Multicast Forward All on SFE/SGE Managed Switches

Objective

This article explains the configuration of Forward Multicast All on SFE/SGE Managed Switches. It allows the router to forward multicast traffic to networks where the multicast devices are listening. It also blocks the forwarding of multicast traffic to networks where nodes are not listening.

Applicable Devices

- SFE/SGE Managed Switches

Software Version

- v3.0.2.0

Multicast Forwarding

Step 1. Log into the switch configuration utility and choose **Bridging > Multicast > Forward**.

Step 2. Choose the desired VLAN from the VLAN ID drop-down list.

Forward

VLAN ID ▼

- 1
- 2
- 34

Ports LAGs

Interface	Interface Status	
e1	Excluded	<input type="button" value="Edit"/>
e2	Excluded	<input type="button" value="Edit"/>
e3	Excluded	<input type="button" value="Edit"/>
e4	Excluded	<input type="button" value="Edit"/>
e5	Excluded	<input type="button" value="Edit"/>
e6	Excluded	<input type="button" value="Edit"/>
e7	Excluded	<input type="button" value="Edit"/>
e8	Excluded	<input type="button" value="Edit"/>
e9	Excluded	<input type="button" value="Edit"/>

Step 3. Click the **Ports** or **LAGs** radio button to bring up a list of interfaces on it.

Forward

VLAN ID 1 ▾

Ports LAGs

Interface	Interface Status	
e1	Excluded	Edit
e2	Excluded	Edit
e3	Excluded	Edit
e4	Excluded	Edit
e5	Excluded	Edit
e6	Excluded	Edit
e7	Excluded	Edit
e8	Excluded	Edit
e9	Excluded	Edit
e10	Excluded	Edit

Step 4. Click the **Edit** button of the Port or LAGs that you would like to modify. The *Edit Multicast Forward All* window appears:

Edit Multicast Forward All

VLAN ID 1

Interface e1

Interface Status Excluded ▾

Apply

- VLAN ID — The VLAN ID chosen to edit by the user.
- Interface — The port or LAGs chosen to edit by the user.

Step 5. Choose the interface status from the Interface Status drop-down list.

Edit Multicast Forward All

VLAN ID	1
Interface	e1
Interface Status	<input type="button" value="Excluded"/> ▾ Static Forbidden Excluded Dynamic

- Static — Manually joined to the multicast group.
- Forbidden — Not allowed to join the multicast group even if IGMP Snooping specifies the interface to join the group.
- Excluded — Not a part of the multicast group.
- Dynamic — Automatically joins the multicast group.

Step 6. Click **Apply**.

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