

Configuration of Unregistered Multicast on Sx500 Series Stackable Switches

Objectives

Multicast is the delivery of information to multiple destinations simultaneously from a single source. Multicast frames from a registered Multicast group will only be sent to other ports that are registered to the same Multicast group. An Unregistered Multicast group has a set of ports that are not registered on the switch. Multicast frames from an unregistered multicast group are forwarded to all ports on the switch, but the ports can be configured either to receive or to filter the unregistered multicast frames.

The objective of this document is to show you how to configure unregistered multicast on Sx500 Series Stackable Switches.

Applicable Devices

- Sx500 Series Stackable Switches

Software Version

- 1.3.0.62

Configuration of Unregistered Multicast

Step 1. Log in to the web configuration utility and choose **Multicast > Unregistered Multicast**. The *Unregistered Multicast* page opens:

Port	FE1	FE2	FE3	FE4	FE5	FE6	FE7	FE8	FE9	FE10	FE11	FE12
Forwarding	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Filtering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

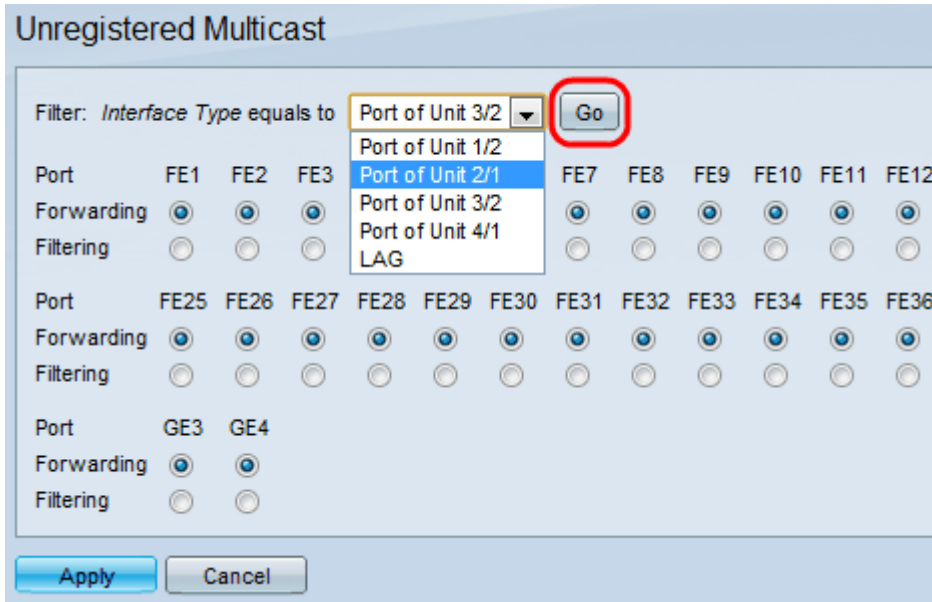
Port	FE25	FE26	FE27	FE28	FE29	FE30	FE31	FE32	FE33	FE34	FE35	FE36
Forwarding	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Filtering	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Port	GE3	GE4
Forwarding	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Filtering	<input type="radio"/>	<input type="radio"/>

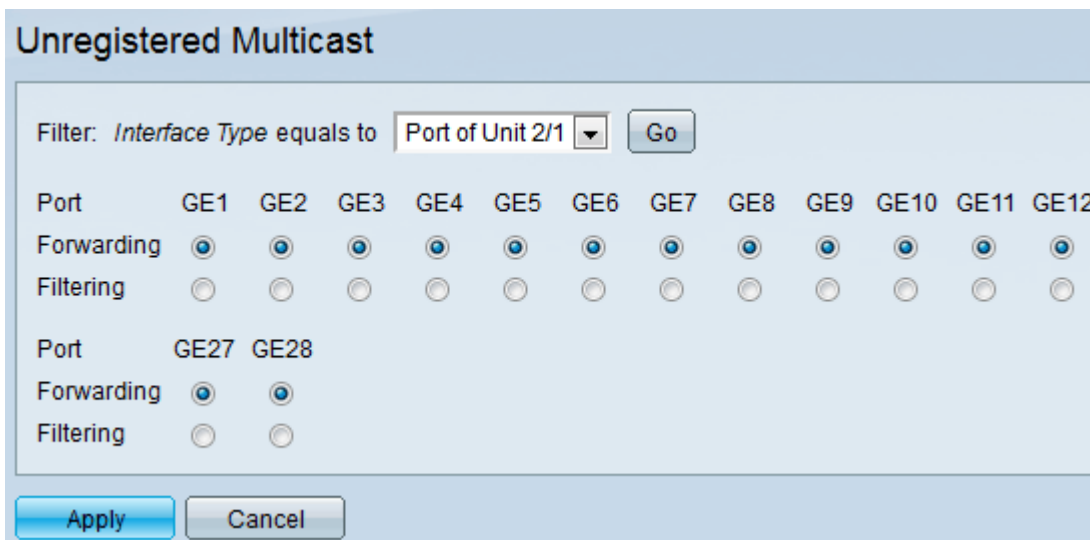
Step 2. Choose the desired interface type from the Filter: *Interface Type Equals To* drop-down list for which unregistered multicast frames are to be configured. The drop-down list contains the following interface types:

- Port — Denotes the individual port of units of the switch.
- LAG — Denotes the Link Aggregation Group (LAG) of the switch. A LAG contains the set of ports. The configuration of unregistered multicast is made to the LAG that ensures all the ports within LAG are configured.

Step 3. Click **Go** to choose the selected interface. If LAG is chosen as the interface type, skip Step 5.



Step 4. If Port is chosen from the Filter: *Interface Type Equals To* drop-down list, click one of the following radio buttons corresponding to that port:



- Forwarding — Forwards the unregistered multicast frames to that port.
- Filtering — Discards the unregistered multicast frames from that port.

Step 5. If LAG is chosen from the Filter: *Interface Type Equals To* drop-down list, click one of the following radio buttons corresponding to that LAG:

Unregistered Multicast

Filter: *Interface Type* equals to

LAG	1	2	3	4	5	6	7	8
Forwarding	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Filtering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- Forwarding — Forwards the unregistered multicast frames to that LAG.
- Filtering — Discards the unregistered multicast frames from that LAG.

Step 6. Click **Apply** to save the settings.