

# Configuration of Multicast Forward All for VLAN Ports on Cisco Business 250 and 350 Series Switches

## Objective

Multicast is the name of the process when one source sends a message to many destinations. The message that the source sends out is known as a multicast stream. Destinations in the same Virtual Local Area Network (VLAN) as the source are free to choose if they want to receive the multicast stream. The Multicast *Forward All* page allows you to choose which interfaces receive multicast streams in which VLANs. This article explains how to configure the multicast settings of interfaces on a Cisco Business 250 or 350 Series Switch.

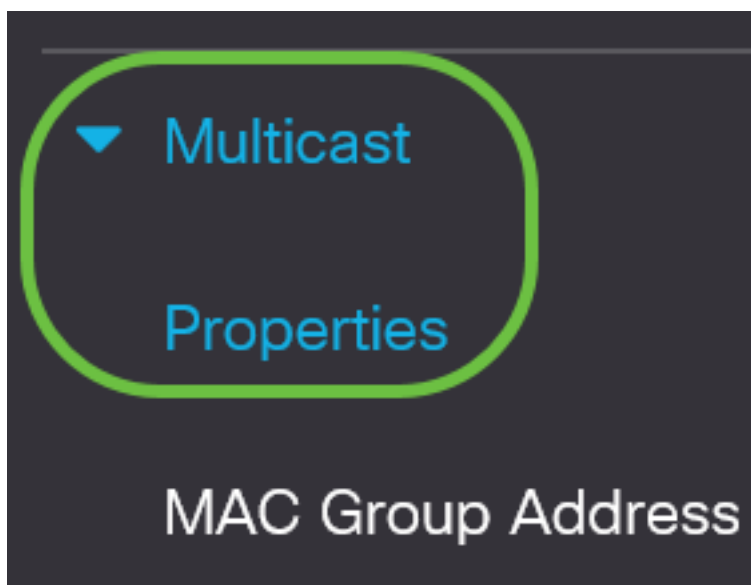
## Applicable Devices | Software Version

- CBS250 ([Data Sheet](#)) | 3.0.0
- CBS350 ([Data Sheet](#)) | 3.0.0
- CBS350-2X ([Data Sheet](#)) | 3.0.0
- CBS350-4X ([Data Sheet](#)) | 3.0.0

## Enable Bridge Multicast Filtering


Bridge Multicast Filtering must be enabled on the Multicast *Properties* page before you can configure multicast settings.

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

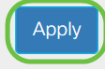



Step 2. Check the **Enable** check box in the *Bridge Multicast Filtering Status* field.

# Properties

Bridge Multicast Filtering Status:  Enable

Step 3. Click **Apply** to save your changes.

Properties  

Bridge Multicast Filtering Status:  Enable

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VLAN ID:

Forwarding Method for IPv6:

- MAC Group Address
- IP Group Address
- Source Specific IP Group Address

Forwarding Method for IPv4:

- MAC Group Address
- IP Group Address
- Source Specific IP Group Address

## Configure Multicast Forward All for Ports or Lag

Step 1. Log in to the web configuration utility and choose **Multicast > Forward All**.

▼ Multicast

1

Properties

MAC Group Address

IP Multicast Group  
Address

▶ IPv4 Multicast  
Configuration

▶ IPv6 Multicast  
Configuration

IGMP/MLD Snooping IP  
Multicast Group

Multicast Router Port

Forward All

2

The *Forward All* page opens:

Forward All

Filter: *VLAN ID* equals to  AND *Interface Type* equals to

Port	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8	GE9	GE10
Static	<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"/>
Forbidden	<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"/>
None	<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"/>

Step 2. From the *VLAN ID equals to* drop-down list, choose a VLAN from which multicast streams can be accepted.

Forward All

Filter: *VLAN ID* equals to  AND *Interface Type* equals to

Step 3. From the *Interface Type equals to* drop-down list, choose an interface type whose settings you will edit.

Forward All

Filter: *VLAN ID* equals to  AND *Interface Type* equals to

Step 4. Click **Go**. The appropriate VLAN and interface type are displayed.

Forward All

Filter: *VLAN ID* equals to  AND *Interface Type* equals to

Step 5. Click the radio button beneath the interface that corresponds with the method that corresponds how the interface should handle multicast streams.

- Static - Interface receives all multicast streams from the specified VLAN.

- Forbidden - Interface cannot receive any multicast streams.
- None - Interface is not a Forward All port.

## Forward All

Filter: *VLAN ID* equals to  AND *Interface Type* equals to

Port	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8	GE9	GE10
Static	<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"/>	<input type="radio"/>	<input type="radio"/>
Forbidden	<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 checked="" type="radio"/>	<input type="radio"/>
None	<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"/>	<input type="radio"/>	<input checked="" type="radio"/>

Step 6. Click **Apply** to save your changes or click **Cancel** to undo your changes.

## Forward All

Filter: *VLAN ID* equals to  AND *Interface Type* equals to

Port	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8	GE9	GE10
Static	<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"/>	<input type="radio"/>	<input type="radio"/>
Forbidden	<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 checked="" type="radio"/>	<input type="radio"/>
None	<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"/>	<input type="radio"/>	<input checked="" type="radio"/>

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