

在Sx500系列堆疊式交換機上建立和配置IP組播組

目標

本文介紹如何設定通過組播進行通訊，但通過其IP地址標識其組成員的組。請注意，這不是一個VLAN，但它會使用一個VLAN。本文介紹IP組播組的過濾、新增和刪除。

附註：請參閱在Sx500系列堆疊式交換機上配置組播屬性一文，以配置基本組播屬性。

適用裝置

·Sx500系列堆疊式交換器

軟體版本

·v1.3.0.62

系統配置

IP多點傳送群組的過濾

步驟1.登入到Web配置實用程式，然後選擇Multicast > IP Multicast Group Address。將開啟IP Multicast Group Address頁面：

IP Multicast Group Address

The Bridge Multicast Filtering is currently enabled.
For IP Multicast Configuration to be effective, the Bridge Multicast Filtering must be enabled.

IP Multicast Group Address Table

Filter: VLAN ID equals to 1 (Range: 1 - 4094)

IP Version equals to Version 4

IP Multicast Group Address equals to 225.168.1.1

Source IP Address equals to 192.168.1.1

Go Clear Filter

VLAN ID	IP Multicast Group Address	Source IP Address
1	225.168.1.1	192.168.1.1

Add... Delete Details...

步驟2.選中Filter欄位中的所需過濾覈取方塊。

·VLAN ID等於 — 輸入要顯示的組的VLAN ID。ID號介於1和4094之間。

·IP版本等於 — 選擇IP組播組使用的協定版本；IPv4或IPv6。

·IP組播組地址等於 — 輸入要顯示的組播組的IP地址。第一組數字必須介於224和239之間。

·源IP地址等於 — 輸入傳送訊號的裝置的IP地址。如果組的轉發模式設定為(*,G)，則新增星號(*)作為目標。

步驟6.按一下「Go」。具有匹配規範的所有IP組播組將顯示如下。

IP Multicast Group Address

The Bridge Multicast Filtering is currently enabled.
For IP Multicast Configuration to be effective, the [Bridge Multicast Filtering](#) must be enabled.

IP Multicast Group Address Table

Filter: VLAN ID equals to (Range: 1 - 4094)
 IP Version equals to
 IP Multicast Group Address equals to
 Source IP Address equals to **Go** Clear Filter

<input type="checkbox"/>	VLAN ID	IP Multicast Group Address	Source IP Address
<input type="checkbox"/>	1	225.168.1.1	192.168.1.1

Add... Delete Details...

新增IP組播組

步驟1.登入到Web配置實用程式並選擇Multicast > IP Multicast Group Address。將開啟IP Multicast Group Address頁面：

IP Multicast Group Address

The Bridge Multicast Filtering is currently enabled.
For IP Multicast Configuration to be effective, the [Bridge Multicast Filtering](#) must be enabled.

IP Multicast Group Address Table

Filter: VLAN ID equals to (Range: 1 - 4094)
 IP Version equals to
 IP Multicast Group Address equals to
 Source IP Address equals to Go Clear Filter

<input type="checkbox"/>	VLAN ID	IP Multicast Group Address	Source IP Address
<input type="checkbox"/>	1	225.168.1.1	192.168.1.1

Add... Delete Details...

步驟2.按一下Add新增靜態IP組播組地址。系統將顯示Add IP Multicast Group Address視窗。

Add IP Multicast Group Address

VLAN ID: (Range: 1 - 4094)

IP Version: Version 6 Version 4

IP Multicast Group Address:

Source Specific: Include

Source IP Address:

Apply Close

步驟3.在VLAN ID欄位中，輸入您要建立的群組的VLAN ID。ID號必須介於1和4094之間。

VLAN ID: 1 (Range: 1 - 4094)

IP Version: Version 6 Version 4

IP Multicast Group Address: 225.168.1.1

Source Specific: Include

Source IP Address: 192.168.1.1

Apply Close

步驟4.在「IP Version」欄位中，按一下「Version 4」或「Version 6」作為所需的網路通訊協定。

VLAN ID: 1 (Range: 1 - 4094)

IP Version: Version 6 Version 4

IP Multicast Group Address: 225.168.1.1

Source Specific: Include

Source IP Address: 192.168.1.1

Apply Close

步驟5.在IP Multicast Group Address 欄位中，輸入要顯示的組播組的IP地址。第一組數字必須介於224和239之間。

VLAN ID: 1 (Range: 1 - 4094)

IP Version: Version 6 Version 4

IP Multicast Group Address: 225.168.1.1

Source Specific: Include

Source IP Address: 192.168.1.1

Apply Close

步驟6. (可選) 如果組中的組播具有特定源，請選中Source Specific欄位中的Include 覆取方塊。

Timesaver:如果在步驟6中未選中Include，請跳到步驟8。

VLAN ID: (Range: 1 - 4094)
 IP Version: Version 6 Version 4
 IP Multicast Group Address:
 Source Specific: Include
 Source IP Address:

步驟7.在「IP Source Address」欄位中，輸入要在多點傳播群組中包含的來源位址。

VLAN ID: (Range: 1 - 4094)
 IP Version: Version 6 Version 4
 IP Multicast Group Address:
 Source Specific: Include
 Source IP Address:

步驟8.按一下Apply。這會將IP組播組和更新新增到裝置。

IP多點傳送群組規範

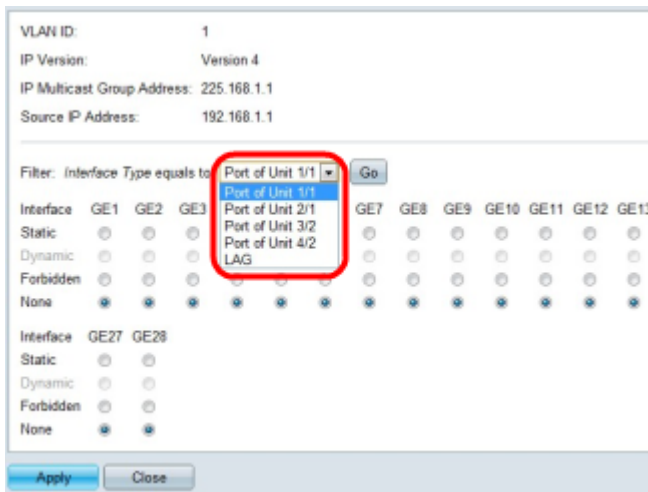
步驟1.登入到Web配置實用程式，然後選擇Multicast > IP Multicast Group Address。將開啟IP Multicast Group Address頁面：

IP Multicast Group Address Table

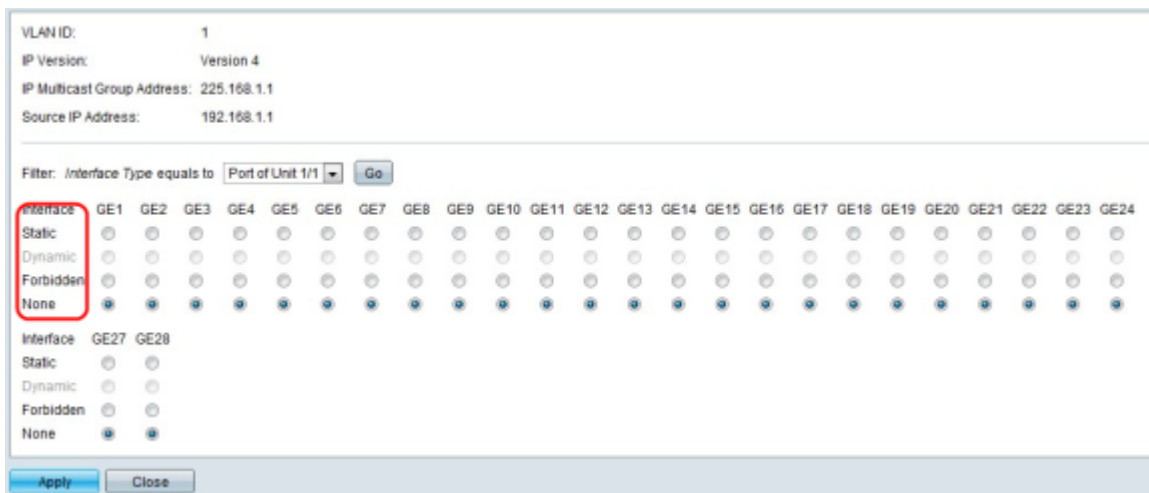
Filter: VLAN ID equals to (Range: 1 - 4094)
 IP Version equals to
 IP Multicast Group Address equals to
 Source IP Address equals to

<input type="checkbox"/>	VLAN ID	IP Multicast Group Address	Source IP Address
<input checked="" type="checkbox"/>	1	225.168.1.1	192.168.1.1
<input type="checkbox"/>	3	225.168.1.1	*

步驟2.要配置和顯示IP組地址，請檢查地址，然後按一下Details。出現「IP Multicast Interface Settings」視窗。

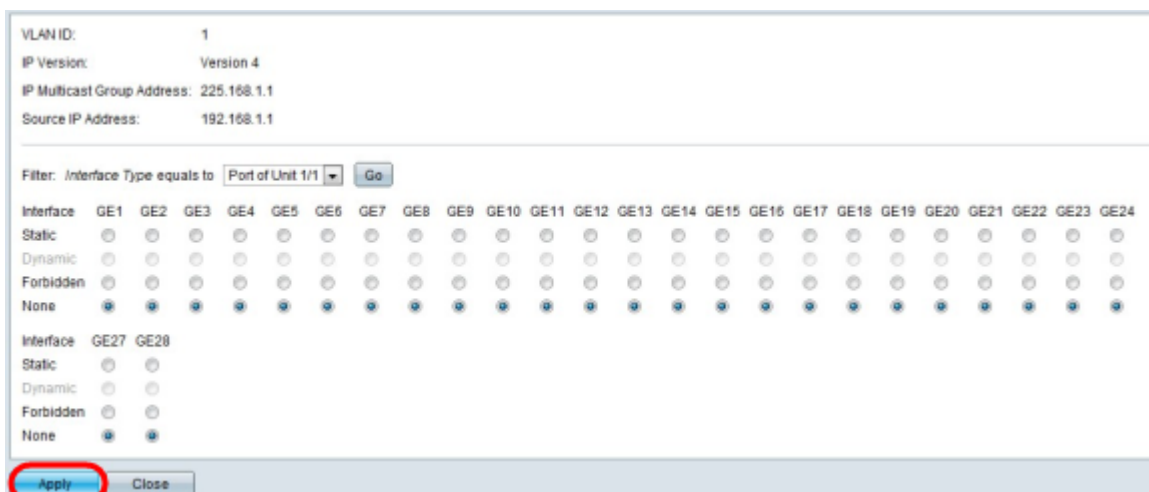


步驟3.在Interface Type下拉欄位中，選擇Port或LAG以檢視埠或LAG。預設選項為埠。選擇選項後，按一下Go。



第4步：對於每個介面，選擇以下選項之一：

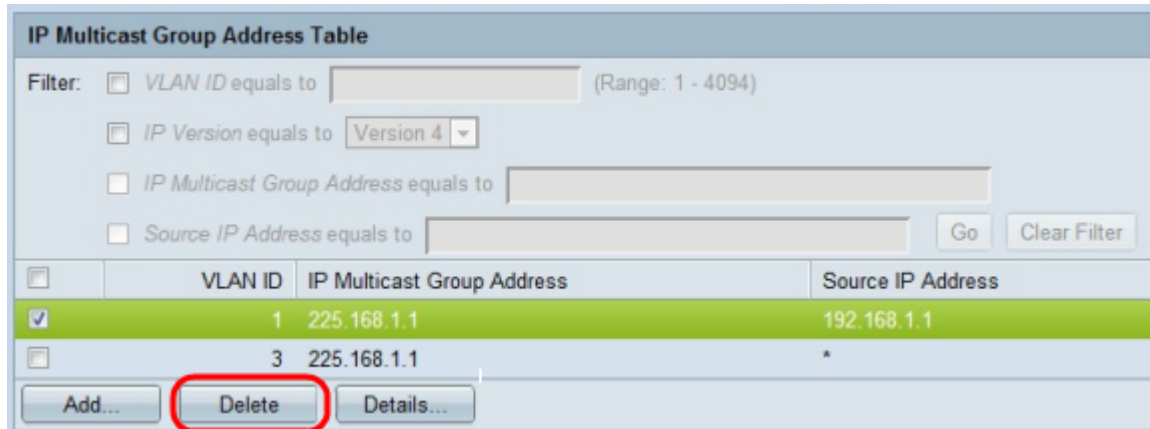
- 靜態 — 將介面作為靜態成員連線到組播組。
- 禁止 — 表示禁止此連線埠透過此VLAN加入群組
- 無 — 表示連線埠目前不是此VLAN上多點傳送的成員。這是預設設定，直到選擇了「靜態」或「禁止」。



步驟5.按一下Apply。這會更新配置。

刪除IP組播組

步驟1.登入到Web配置實用程式，然後選擇Multicast > IP Multicast Group Address。將開啟IP Multicast Group Address頁面：



IP Multicast Group Address Table

Filter: VLAN ID equals to (Range: 1 - 4094)
 IP Version equals to
 IP Multicast Group Address equals to
 Source IP Address equals to

<input type="checkbox"/>	VLAN ID	IP Multicast Group Address	Source IP Address
<input checked="" type="checkbox"/>	1	225.168.1.1	192.168.1.1
<input type="checkbox"/>	3	225.168.1.1	*

步驟2.要從組播組刪除地址，請檢查地址，然後按一下Delete。