



Cisco Nexus Fabric Manager Simultaneous Broadcast Domain Creation and Member Assignment

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New and Changed Information

The following table provides an overview of the significant changes to this guide up to this current release. The table does not provide an exhaustive list of all changes made to the guide or of the new features up to this release.

Table 1: New and Changed Information

Release	Feature	Description
1.2(1)	--	Initial release

About

In the previous release, the assignment of members to a new broadcast domain could only be accomplished one broadcast domain at a time. Starting in Release 1.2(1), the Cisco Nexus Fabric Manager enables the creation of one or more broadcast domains while simultaneously adding members. This feature is accessed from three locations of the **Home** window: The **INTERFACES** tab, the **BROADCAST DOMAINS** tab, or the **NEIGHBORS** tab. This document explains how to use this new feature from each location.

Creating Broadcast Domains While Adding Members

This section explains how to create a broadcast domain while also adding members. This procedure can be followed from these three tabs in the Cisco Nexus Fabric Manager **Home** window:

- **INTERFACES**—Use this tab to choose from all of your interfaces and add them to the new broadcast domain.
- **NEIGHBORS**—Use this tab to access the perimeter interfaces connected to a foreign device and add them to the new broadcast domain.



Note Foreign device interfaces (identified by the initials **FDI**) cannot be added to broadcast domains. Only border and host-facing interfaces (perimeter interfaces) can be added.

- **BROADCAST DOMAINS**—Use this tab to choose from the interfaces of an existing broadcast domain and add them to the new broadcast domain.

Before You Begin

- At least one perimeter interface has been discovered.
- At least one perimeter interface is connected to a foreign device (when assigning the interfaces of a foreign device to the new broadcast domain).
- At least one interface is assigned to a broadcast domain (when assigning the members of a broadcast domain to the new broadcast domain).

Procedure

Step 1 Click **Navigation menu > Home** and choose one of the following options:

- Click the **INTERFACES** tab.
- Click the **NEIGHBORS** tab to display the foreign device tiles then click the **Interfaces** link inside of a foreign device tile. The interface tiles appear.
- Click the **BROADCAST DOMAINS** tab then click the **Members** link inside of a broadcast domain tile.

The interface tiles appear.

Step 2 Place a check in the check box located in the bottom right corner of each tile that you want to add to a broadcast domain.

Step 3 From the **Settings** icon, click **Add to new broadcast domain**.
The **CREATE NEW BROADCAST DOMAIN** dialog appears.

Step 4 Enter the appropriate values in the fields listed in the *CREATE NEW BROADCAST DOMAIN Dialog Box Fields* table below.

Table 2: CREATE NEW BROADCAST DOMAIN Dialog Box Fields

Field	Description
Create multiple	Check the check box to create multiple broadcast domains at a time. When checked, additional fields become visible.
Count	Specify the number of broadcast domains you want to create. Note This field is only visible if the Create multiple check box is checked.
VLAN IDs	Specify the VLAN IDs for the broadcast domains you want to create. This field takes a comma-separated list of IDs and ID ranges and represents the administrative VLAN ID. This value takes precedence over the Count field. Note This field is only visible if the Create multiple check box is checked.
Name	Enter the name for your broadcast domain. Note This field is not visible if the Create multiple check box is checked.
Name prefix	Enter the name for your broadcast domain. The name will be used as a prefix. A count will be appended to the name for each broadcast domain. Note This field is only visible if the Create multiple check box is checked.
Description	Enter a description of the broadcast domain. Note This field is not visible if the Create multiple check box is checked.

Field	Description
State	Enables and disables the broadcast domain. Note This field is not visible if the Create multiple check box is checked.
VLAN ID	Enter a VLAN ID. Note This field is not visible if the Create multiple check box is checked.
Gateway section	
IP address	Enter the IP address for your gateway. Note This field is not visible if the Create multiple check box is checked.
First IP address	Enter the IP address for your gateway. The IP entered will be the first IP. Using the prefix, additional IPs will be generated. Note This field is only visible if the Create multiple check box is checked.
VRF	Click the drop-down list to choose a VRF. Note that a VRF will be chosen by default. Note The default is switchpool default.
MTU	Specify the maximum transmission unit size. Note This field is not visible if the Create multiple check box is checked.

Step 5 Click **Create**.

What to Do Next

To add or remove members of a broadcast domain, see the *Editing Members of a Broadcast Domain* section of the *Cisco Nexus Fabric Manager Configuration Guide*.



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