



## Configuring SAN Pin Groups

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This chapter includes the following sections:

- [SAN Pin Groups, page 1](#)
- [Creating a SAN Pin Group, page 1](#)
- [Deleting a SAN Pin Group, page 2](#)

### SAN Pin Groups

Cisco UCS uses SAN pin groups to pin Fibre Channel traffic from a vHBA on a server to an uplink Fibre Channel port on the fabric interconnect. You can use this pinning to manage the distribution of traffic from the servers.



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**Note**

In Fibre Channel switch mode, SAN pin groups are irrelevant. Any existing SAN pin groups will be ignored.

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To configure pinning for a server, you must include the SAN pin group in a vHBA policy. The vHBA policy is then included in the service profile assigned to that server. All traffic from the vHBA will travel through the I/O module to the specified uplink Fibre Channel port.

You can assign the same pin group to multiple vHBA policies. As a result, you do not need to manually pin the traffic for each vHBA.



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**Important**

Changing the target interface for an existing SAN pin group disrupts traffic for all vHBAs which use that pin group. The fabric interconnect performs a log in and log out for the Fibre Channel protocols to re-pin the traffic.

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### Creating a SAN Pin Group

In a system with two fabric interconnects, you can associate the pin group with only one fabric interconnect or with both fabric interconnects.

### Procedure

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- Step 1** In the **Navigation** pane, click the **SAN** tab.
- Step 2** In the **SAN** tab, expand **SAN > SAN Cloud**.
- Step 3** Right-click **SAN Pin Groups** and select **Create SAN Pin Group**.
- Step 4** Enter a unique name and description for the pin group.
- Step 5** To pin traffic for fabric interconnect A, do the following in the **Targets** area:
- Check the **Fabric A** check box.
  - Click the drop-down arrow on the **Interface** field and navigate through the tree-style browser to select the uplink Fibre Channel port you want to associate with the pin group.
- Step 6** To pin traffic for fabric interconnect B, do the following in the **Targets** area:
- Check the **Fabric B** check box.
  - Click the drop-down arrow on the **Interface** field and navigate through the tree-style browser to select the uplink Fibre Channel port you want to associate with the pin group.
- Step 7** Click **OK**.
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### What to Do Next

Include the pin group in a vHBA template.

## Deleting a SAN Pin Group

### Procedure

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- Step 1** In the **Navigation** pane, click the **SAN** tab.
- Step 2** In the **SAN** tab, expand **SAN > SAN Cloud > SAN Pin Groups**.
- Step 3** Right-click the SAN pin group you want to delete and select **Delete**.
- Step 4** If the Cisco UCS Manager GUI displays a confirmation dialog box, click **Yes**.
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