



## Configuring Static Domain IDs and Persistent FC IDs

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The domain manager on the principal switch in a VSAN assigns a domain ID to a switch that is joining the fabric. When a switch boots up or joins a new fabric, it can request a specific domain ID or take any available domain ID.

After obtaining the domain ID from the principal switch in the VSAN, the local switch assigns Fibre Channel Identifiers (FC IDs) to each end device as they are logged in to the fabric using a process known as FLOGI (Fabric Login).



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**Note** HP-UX and AIX are two operating systems that utilize the FC ID in the device path to the storage. For a switch to always assign the same FC ID to a device, persistent FC IDs and static domain ID must be configured for the VSAN.


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By default, the switch assigns the same FC ID to a device. However, if the switch is rebooted, this database of pWWN/FC ID mapping is not maintained. Enabling persistent FC IDs makes this database persistent across reboots.

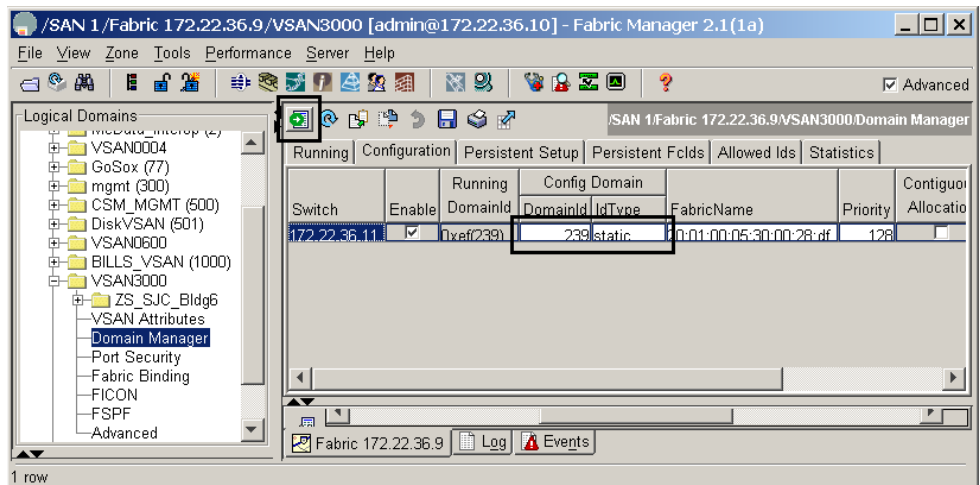
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In the following procedure, the existing VSAN has a switch C-186 with a domain ID of 209. In Fabric Manager, the VSAN is statically configured and a persistent FC ID is enabled. This procedure does not alter the running domain ID.

To configure a static domain ID for an existing VSAN and enable a persistent FC ID for the same VSAN using Fabric Manager, follow these steps:

- Step 1** In the Logical Domains pane, expand the VSAN to be modified and then choose **Domain Manager**. See [Figure C-1](#).
- Step 2** Click the **Configuration** tab.
- Step 3** Enter the domain ID that is in the Running DomainID (in [Figure C-1](#), it is 209) field in the Config Domain Id field.
- Step 4** Change the Config Domain IdType field to **static**.
- Step 5** Click the green **Apply Changes...** icon .

**Figure C-1** Enabling Static Domain ID



- Step 6** Click the **Persistent Setup** tab.
- Step 7** Check the **Enable** check box.
- Step 8** Click **Apply Changes**.

At this point, the domain ID has been statically set and FC IDs will remain persistent across reboots for VSAN 3000 on the switch C-186. The persistent FC ID database can be viewed in the **Persistent Fcids** tab.