



## vNICs

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## vNIC Templates

In the **Templates** panel, you can select vNICs from the list of all templates installed on the system. You can filter the list by **Type**, **Usage Status**, and **Org** to view availability and usage data.

## Creating or Editing a vNIC Template

To edit a specific vNIC template, type vNIC Template in the search bar to find the vNIC template you want to edit.



**Note**

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Global vNICs can be used in local service profiles created in Cisco UCS Manager.

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- Step 1** In the **Actions** bar, type **Create vNIC Template** and press Enter.
- Step 2** In the **vNIC Template** dialog box, click **Basic** and complete the following:
- a) Choose the **Organization** where you want to create the vNIC template.
  - b) Enter a **Name** and **Description**.
  - c) Select the options for **Type**, **Fabric ID**, **Fabric Failover** and enter the **MTU**.
  - d) Select the **CDN Source**. If you choose to use a user defined name, you must also enter the **User Defined CDN Name**.
- Step 3** Click **MAC Address** and select the MAC address.  
If you do not assign a MAC address pool, the system assigns the default.
- Step 4** Click **VLANs** and add the VLANs that you want to use for this vNIC template.
- Step 5** Click **Policies** and assign the policies that you want to use for this vNIC template.  
If the policies are not assigned, click on each of the policies. On the right, click the drop-down to display related policies and select the one you want for this vNIC template.

**Step 6** Click **Create**.

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## Default vNIC Behavior Policy

Default vNIC behavior policy allows you to configure how vNICs are created for a service profile. You can choose to create vNICs manually, or you can create them automatically.

You can configure the default vNIC behavior policy to define how vNICs are created. This can be one of the following:

- **None**—Cisco UCS Central does not create default vNICs for a service profile. All vNICs must be explicitly created.
- **HW Inherit**—If a service profile requires vNICs and none have been explicitly defined, Cisco UCS Central creates the required vNICs based on the adapter installed in the server associated with the service profile.



**Note**

If you do not specify a default behavior policy for vNICs, **HW Inherit** is used by default.

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## Configuring Default vNIC Behavior

If you do not specify a default behavior policy for vNICs, **HW Inherit** is used by default.

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**Step 1** On the menu bar, click **Network**.

**Step 2** In the **Navigation** Pane, expand **Network > Policies > root**.

You can only configure the default vNIC behavior policy in the root organization. You cannot configure the default vNIC behavior policy in a sub-organization.

**Step 3** Right-click **Default vNIC Behavior** and choose **Properties**.

**Step 4** In the **Properties (Default vNIC Behavior)** dialog box, choose the **Action** and the optional **vNIC Template**.

**Step 5** Click **OK**.

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