Cisco ACI vPod Uninstallation

About Cisco ACI vPod Uninstallation

You might need to remove Cisco Application Centric Infrastructure (ACI) Virtual Pod (vPod) for testing or if you need to remove all configuration from the Cisco ACI fabric, resetting the fabric to its initial state.

You can uninstall Cisco ACI vPod using the Cisco ACI vCenter Plug-in, the VMware PowerCLI, or a Python script.

Note   To use the Cisco ACI vPod management tools (the ACI vCenter Plug-in, the VMware PowerCLI, and Python scripts), we recommend that you use vCenter 6.0 Update 3 or later.

You also need to remove any external tunnel endpoint (TEP) pools.

Uninstalling Cisco ACI vPod Using the Cisco ACI vCenter Plug-in

Before you begin

Remove all the Cisco Application Centric Infrastructure (ACI) Virtual Edge virtual machines (VMs) from the hosts. Any Cisco ACI Virtual Edge VMs associated with the Cisco Application Centric Infrastructure (ACI) Virtual Pod (vPod) stop working when the Cisco ACI vPod is uninstalled.

Step 1   Log in to the VMware vSphere Web Client.

Step 2   In the Navigator, choose **Cisco ACI Fabric** > **Infrastructure**.

Step 3   In the work pane, choose **vPod**, and then from the **Select a Virtual Pod** drop-down list, choose the Cisco Application Centric Infrastructure (ACI) Virtual Pod (vPod) that you want to uninstall.

Step 4   Click **Remove POD**, and in the **Uninstall vPOD** dialog box, click **Yes**.
The vSpine and vLeaf VMs associated with the Cisco ACI vPod are deleted. In the **vPod Nodes** area of the work pane, you can see that the status of the nodes are now inactive. You can also see that the VMs are not available on VMware vCenter.

Uninstalling Cisco ACI vPod Using the VMware PowerCLI

Before you begin

Remove all the Cisco Application Centric Infrastructure (ACI) Virtual Edge virtual machines (VMs) from the hosts. Any Cisco ACI Virtual Edge VMs associated with the Cisco Application Centric Infrastructure (ACI) Virtual Pod (vPod) stop working when the Cisco ACI vPod is uninstalled.

Remove the VMs for a given Cisco ACI vPod ID using the **Remove-VPodVM** command.

The following text shows the command syntax:

```
Remove-VpodVM [-VpodId] Object [CommonParameters]
```

Example:

```
PowerCLI C:\> Remove-VpodVM -VpodId 2
Connecting to vCenter...................................................[ok]
Fetching all vSpine/vLeaf VMs..........................................[ok]
Deleting VM cisco-vPod2-leaf1..........................................[ok]
Deleting VM cisco-vPod2-spine1.........................................[ok]
```

Uninstalling Cisco ACI vPod Using Python

Before you begin

Remove all the Cisco Application Centric Infrastructure (ACI) Virtual Edge virtual machines (VMs) from the hosts. Any Cisco ACI Virtual Edge VMs associated with the Cisco Application Centric Infrastructure (ACI) Virtual Pod (vPod) stop working when the Cisco ACI vPod is uninstalled.

Remove all the Cisco ACI vPod VMs for a given Cisco ACI vPod ID using the `remove-vpodvm.py` script.

The following text shows the usage for the script:

```
(venv) usage: remove-vpodvm.py [-h] [--silent] --vcenter VCENTER --vc-username
VC_USERNAME [--vc-password VC_PASSWORD] --vpod-id VPOD_ID
```

Example:

```
(venv) $ pyhton remove-vpodvm.py --vcenter 172.23.143.235 --vc-username admin --vc-password lab
--vpod-id 2
Connecting to vCenter...................................................[ok]
Fetching all vSpine/vLeaf VMs..........................................[ok]
```

```
Deleting VM cisco-vPod2-leaf1.........................................[ok]
Deleting VM cisco-vPod2-spine1........................................[ok]
```

Deleting the External TEP Pools Using REST API

In addition to uninstalling Cisco Application Centric Infrastructure (ACI) Virtual Pod (vPod), you need to delete any external tunnel endpoint (TEP) pools. You can delete routable subnets gracefully.

In REST API, an external TEP pool is referred to as a routable subnet.

Step 1 Set the state to inactive. When state is set as inactive, no further IP addresses are allocated from this pool.

Example:

```
<fabricExtRoutablePodSubnet pool="192.4.1.0/27" state="inactive"/>
```

Step 2 Decommission all the virtual nodes (vLeafs and vSpines) of each Cisco ACI vPod.

Step 3 Delete the subnet:

Note You can delete the subnet only if no IP address is used from this pool.

Example:

```
<fabricExtRoutablePodSubnet pool="192.4.1.0/27" status="deleted"/>
```