



# Examples of Cisco Prime NSC OVA Template Deployment and Cisco Prime NSC ISO Installations

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This chapter contains the following sections:

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## OVA Installation Using vSphere Installer 6.0 and Later

### Before you begin

- Ensure that you have the Virtual Supervisor Module (VSM) IP address available
- Ensure that you have all the proper networking information available, including the IP address you will use for your Cisco PNSC instance
- Ensure that you have the Cisco Prime NSC ova image

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- Step 1** Open your vSphere client.
- Step 2** Click **Hosts and Clusters** and choose an ESXi host.
- Step 3** (Optional) For 6.5 and later, right-click ESXi host and from the pop-up menu, choose **Deploy OVF Template**.
- Step 4** In the **Deploy OVF Template** dialog box, click **Browse** to choose an .ova file on your local machine, or choose a file from another location (URL).
- Step 5** From the **Open** dialog box, choose the appropriate .ova file and click **Open**.
- Step 6** Click **Next**.
- The **OVF Template Details** dialog box appears inside the **Deploy OVF Template** dialog box. The **OVF Template Details** dialog box is the first of ten pages in the **Deploy OVF Template** dialog box that you use to set parameters for the Cisco? PNSC instance.
- Step 7** View your template details and click **Next**.
- Step 8** In the **User License Agreement** window, view the license and click **Accept**.

- Step 9** Click **Next**.
- Step 10** In the **Name and Location** window, do the following:
- In the **Name** field, enter a template name.
  - In the **Inventory Location** area, choose the appropriate folder and click **Next**.
- Step 11** In the **Deploy Configuration** window, from the Configuration drop-down list, choose **NSC Installer** and click **Next**.
- Step 12** In the **Resource Pool** window, choose the appropriate location to deploy the Cisco PNSC and click **Next**.
- Step 13** In the **Storage** window, choose an appropriate location to store the virtual machine files and click **Next**.
- Step 14** In the **Display Format** window, keep default settings and click **Next**.
- Step 15** In the **Network Mapping** window, choose an appropriate configured management network VLAN for Cisco PNSC and click **Next**.
- Step 16** In the **Properties** window, in the **IP Address** area, do the following:
- Enter an IP address in the **IPv4 IP Address** field.
  - Enter an IP netmask in the **IPv4 IP Netmask** field.
  - Enter a gate address in the **IPv4 Gateway** field.
- Note** The netmask is defaulted to 255.255.255.0.
- Step 17** In the **NSC DNS** area, do the following:
- Enter the host name in the **Host Name** field.
  - Enter an IP address in the **NSC IP** field.
- Step 18** In the **NSC NTP** area, enter the NTP server IP address in the **NTP server** field.
- Step 19** In the **NSC Password** area, enter a password in the **NSC Password** field or the **NSC Secret** field.
- Note** You enter the admin password in the **Password** field.
- Step 20** Click **Next**.
- Step 21** In the **Ready to Complete** window, verify the configuration details for Cisco PNSC and click **Finish** to deploy Cisco PNSC on the selected ESXi host.
- Note** Select **Power on after deployment** check box to start Cisco PNSC immediately after the deployment completes.
- The progress dialog box appears. Once the virtual machine is installed, the **Deployment Completed Successfully** dialog box opens.
- Step 22** Click **Close**.
- The Cisco PNSC instance is created.
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## PNSC Installation Using an ISO Image

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- Step 1** Download a Cisco PNSC ISO to your client machine.
- Step 2** Open a vCenter client.

- Step 3** Create a virtual machine on the appropriate host as follows:
- Ensure your virtual machine size is 220 GB split into two disks (Disk1 having 20GB and Disk2 having 200GB).
  - Ensure your virtual machine has 4 GB of RAM.
  - Choose **Red Hat Enterprise Linux 5 64-bit** as your operating system.
- Step 4** Power on your virtual machine.
- Step 5** Mount the ISO to the virtual machine CD ROM drive as follows:
- Right-click the virtual machine and choose **Open the VM Console**.
  - From the virtual machine console, click Connect/Disconnect CD/DVD Devices.
  - Choose **CD/DVD Drive1**.
  - Choose **Connect to ISO Image on Local Disk**.
  - Choose the ISO image that you downloaded.
- Step 6** Reboot the VM using VM, Guest, and press **Ctrl-Alt-Del**.
- Step 7** In the ISO installer, enter the appropriate values in the **ISO installer** field.
- Step 8** Once installation is completed, click **Reboot** to create the Cisco PNSC instance.
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