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

This chapter contains the following sections:

OVA Installation Using vSphere 5.0 Installer

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 Prime NSC instance
- Ensure that you have the Cisco Prime NSC ova image

Step 1 Open your vSphere client.

Step 2 Click **Hosts and Clusters** and choose an ESXi host.

Step 3 From the toolbar, choose **File** > **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 Prime NSC 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:

    a) In the **Name** field, enter a template name.

    b) 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 Prime NSC 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 Prime NSC and click **Next**.

Step 16   In the **Properties** window, in the **IP Address** area, do the following:

    a) Enter an IP address in the **IPv4 IP Address** field.

    b) Enter an IP netmask in the **IPv4 IP Netmask** field.

    c) 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:

    a) Enter the host name in the **Host Name** field.

    b) 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 Prime NSC and click **Finish** to deploy Cisco Prime NSC on the selected ESXi host.

    Note   Select **Power on after deployment** check box to start Cisco Prime NSC 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 Prime NSC instance is created.

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OVA Installation Using an ISO Image

Step 1   Download a Cisco Prime NSC ISO to your client machine.

Step 2   Open a vCenter client.

Step 3   Create a virtual machine on the appropriate host as follows:

    a) Ensure your virtual machine size is 220 GB split into two disks (Disk1 having 20GB and Disk2 having 200GB).

    b) Ensure your virtual machine has 4 GB of RAM.

    c) 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:

    a) Right-click the virtual machine and choose **Open the VM Console**.

    b) From the virtual machine console, click Connect/Disconnect CD/DVD Devices.

    c) Choose **CD/DVD Drive1**.

    d) Choose **Connect to ISO Image on Local Disk**.

    e) 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 Prime NSC instance.

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