



Configuring NSX Manager

Platform: <https://racks.uninets.com>

Task

- Access Your Lab Environment
- Review the NSX Manager Configuration
- Verify That the vSphere Web Client Plug-In for NSX Manager Is Installed
- License vCenter Server, the ESXi Hosts, and NSX Manager
- Clean Up for the Next Lab

Configuration

Task 1:

Access Your Lab Environment

You use a Horizon™ View™ desktop to open an Remote Desktop Protocol connection to your lab environment.

1. Log in to your lab environment using the information that is provided by your instructor.

Task 2:

Review the NSX Manager Configuration

In your lab environment, the VMware NSX Manager™ appliance has been preconfigured to establish network connectivity with the VMware vCenter Server™ system. The NSX Manager has also been joined to the vCenter Server appliance. You review the NSX Manager deployment configuration. The review sequence matches the steps that you take when configuring an NSX Manager after initial deployment.

1. Log in to the NSX Manager user interface.
 - a. On the ControlCenter desktop, double-click the Firefox shortcut.
 - b. In the Firefox window, click the NSX Manager bookmark.
 - c. When prompted, log in as admin and enter the password VMware1!.
2. In the NSX Manager user interface, click Manage Appliance Settings.

3. On the Manage tab, in the left pane, verify that Settings > General is selected.

4. Verify that the following general settings are configured as specified.

- The NTP Server is 192.168.110.10
- The Syslog Server is vc-l-1a.corp.local, using port 514/UDP.
- The Locale is en-US.

5. In the left pane, select Settings > Network and verify that the following values are configured as specified.

- The Host name is nsxmgr-l-01a.
- The IPv4 address is 192.168.110.42.
- The Subnet mask is 255.255.255.0.
- The default gateway is 192.168.110.2
- The primary DNS server is 192.168.110.10.

6. In the left pane, select Components > NSX Management Service and verify that the following Values are configured as specified.

- The Lookup Service is not configured.
- The vCenter Server is vc-l-01a.corp.local.
- The vCenter Server Name is root.
- The vCenter Server Status is Connected with a green dot icon.

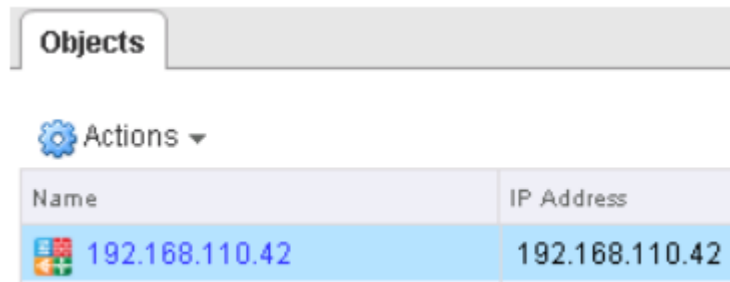
vCenter Server:	vc-l-01a.corp.local
vCenter User Name:	root
Status:	 Connected - Last successful inventory update was unknown 

Task3:


Verify That the vSphere Web Client Plug-In for NSX Manager Is Installed In your lab environment, the VMware vSphere® Web Client Plug-in for NSX Manager is preinstalled and ready for use.

1. To log in to the vSphere Web Client, in the Firefox window, click the vSphere Web Client book mark.

2. When prompted, log in as root and enter the password VMware1!. Allow the initial authentication to complete. The initial authentication may take several minutes to complete.
3. On the vSphere Web Client Home tab, click the Inventories > Networking & Security icon.
4. In the left navigation pane, review the list of NSX features, then select NSX Managers.
5. In the middle pane, verify that a single NSX Manager instance with an IP address of 192.168.110.42 appears in the Objects list. If an NSX Manager does not appear in the Objects list, ask your instructor for help.



The screenshot shows the vSphere Web Client interface. At the top, there is a tab labeled 'Objects'. Below it is an 'Actions' dropdown menu. The main area displays a table with two columns: 'Name' and 'IP Address'. The table contains one row with a blue background, showing an NSX Manager icon, the name '192.168.110.42', and the IP address '192.168.110.42'.

Name	IP Address
 192.168.110.42	192.168.110.42

Task 4:

License vCenter Server, the ESXi Hosts, and NSX Manager Your instructor provides the necessary licenses.

1. Click the vSphere Web Client Home tab.
2. Assign a vCenter Server license key to the vCenter Server instance.
 - a. In the left pane, navigate to Administration > Licenses.
 - b. In the middle pane, click the vCenter Server Systems tab.
 - c. With the vCenter Server instance selected, click the Assign License Key link.
 - d. In the Assign License Key panel, select assign a new license key from the drop-down menu.
 - e. In the License key text box, enter or paste your vCenter license key.
 - f. Click OK.
3. Assign a VMware vCloud® Suite Enterprise license key to each VMware ESXi™ host.
 - a. In the center pane, click the Hosts tab.
 - b. Select the first ESXi host in the list.
 - c. Press the Shift key and click the last ESXi host in the list to select all three ESXi hosts.
 - d. Release the Shift key and click the Assign License Key link.

- e. In the Assign License Key panel, select Assign a new license key from the drop-down menu.
- f. In the License key text box, enter or paste your vCloud Suite Enterprise license key.
- g. Click OK.
- h. In the hosts list, press Shift and click to select all three ESXi hosts.
- i. Right-click the selected hosts and select Connect from the pop-up menu.

You can also connect each host individually from the vCenter > Hosts and Clusters inventory panel.

4. Assign a VMware NSXTM for vSphere® license.

- a. In the middle pane, click the Solutions tab.
- b. Select the NSX for vSphere solution.
- c. Click the Assign License Key link.
- d. In the Assign License Key panel, select Assign a new license key from the drop-down menu.
- e. In the License key text box, enter or paste your NSX for vSphere license key.
- f. Click OK.

Task 5:

Clean Up for the Next Lab You perform this action to prepare for the next lab.

- 1. In the left navigation pane, click the Networking & Security back arrow button.