Installation Requirements

This section contains the following topics:

Requirements Overview

The following topics identify the primary requirements for installing and using Prime Network Services Controller.

System Requirements

Requirement	Description
Prime Network Services Controller Virtual Appliance	
Four virtual CPUs	1.8 GHz
Memory	4 GB RAM

Requirement	Description

Disk space	220 GB on shared NFS or SAN, configured on two disks as follows:
	
	• Disk 1—20 GB
	
	• Disk 2—200 GB
	
	• With InterCloud functionality, 220 GB on shared NFS or SAN, and configured on two disks as follows:
	
	  • Disk 1—20 GB
	
	  • Disk 2—200 GB
	
	• Without InterCloud functionality, 40 GB on shared NFS or SAN, and configured on two disks as follows:
	
	  • Disk 1—20 GB
	
	  • Disk 2—20 GB

Management interface	One management network interface
Processor	x86 Intel or AMD server with 64-bit processor listed in the VMware compatibility matrix

Hypervisor Requirements

Prime Network Services Controller is a multi-hypervisor virtual appliance that can be deployed on VMware vSphere.

See the VMware Compatibility Guide to confirm that VMware supports your hardware platform.

Requirement	Description
VMware	
VMware vSphere	6.5.0, 6.7 U1, 6.7 U2, 6.7 U3
VMware vCenter	6.5 U2, 6.7 U1, 6.7 U2, 6.7 U3

Web-Based GUI Client Requirements

Requirement	Description
Operating system	Either of the following: • Microsoft Windows • Apple Mac OS
Browser	Any of the following: • Mozilla Firefox 26.0 or later (recommended) • Google Chrome 32.0 or later • Internet Explorer 10.0 or later
Flash player	Adobe Flash Player plugin 11.9 or later

Firewall Ports Requiring Access

If Prime Network Services Controller is protected by a firewall, the following ports on the firewall must be open so that clients can contact Prime Network Services Controller.

Port	Description
22	TCP/SSH
80	HTTP
443	HTTPS
843	Adobe Flash

Cisco Nexus 1000V Series Switch Requirements

Category	Requirement
General	The Cisco Nexus 1000V Series Switch is operational and that virtual machines (VMs) are installed.
VLANs	The following VLANs are configured on the Cisco Nexus 1000V uplink ports: • Service VLAN • HA VLAN Neither VLAN needs to be the system VLAN.

Category	Requirement
Port profiles	One port profile is configured on the Cisco Nexus 1000V for the service VLAN.