



Installation Requirements

- [Deployment Models — Provisioning Standard and Advanced](#), on page 1
- [Installation Requirements](#), on page 1
- [Number of Servers](#), on page 2
- [VMware Requirements](#), on page 2
- [System Requirements — Server and Client Machine Requirements](#), on page 3

Deployment Models — Provisioning Standard and Advanced

You can install Cisco Prime Collaboration in two modes — Standard and Advanced. However, the installation process for both these modes are the same.

You can download the Cisco Prime Collaboration OVA deployment file based on the maximum number of endpoints that you want to manage.

- *Cisco Prime Collaboration Provisioning Standard* is a single node with almost all the Cisco Prime Collaboration Provisioning Advanced capabilities except user group delegation, multicluster capability, ability to create administration roles, workflow, and northbound API support.

Cisco Prime Collaboration Provisioning Advanced provides features such as delegation to individual domains, advanced batch provisioning in addition to the features listed above. For information on the number of endpoints that you can manage in each deployment model, see [System Requirements — Server and Client Machine Requirements](#). For more details on available features, see the Standard and Advanced Cisco Prime Collaboration Provisioning section of [Cisco Prime Collaboration Provisioning Guide - Standard and Advanced](#).

Installation Requirements

Table 1: Installation Requirements

Requirements	Description
Number of servers	Cisco Prime Collaboration Provisioning is a single node server installed on a single virtual machine. To learn about the installation modes and the required number of servers, see Number of Servers .

Requirements	Description
Virtualization Requirements	The Cisco Prime Collaboration Provisioning images are in the OVA file format. To learn more about the VMware environment required, see VMware Requirements .
System requirements	System requirements vary based on the number of endpoints that you want to manage. See System Requirements — Server and Client Machine Requirements .
Ports requirements	Cisco Prime Collaboration uses several protocols to communicate with other processes and devices. Ensure that the required ports are available for Cisco Prime Collaboration to communicate. For more details, see Required Ports for Prime Collaboration .
Device configurations (Cisco Unified Communications Manager, Voice, and Video endpoints, and so on)	The endpoints and infrastructure devices require certain configurations for the Cisco Prime Collaboration server to communicate. For more details, see Setting Up Devices for Prime Collaboration Provisioning .
Download Images	Cisco Prime Collaboration images are provided on the eDelivery site and on the Cisco.com support software download site. You must have an order for an eDelivery or ESW contract.
User Accounts and Installation Prompts	During installation, you must perform the following: <ul style="list-style-type: none"> • While installing Cisco Prime Collaboration Provisioning, the global admin account is created. You must specify the password for this account. • Specify the virtual machine details. See Installation Prompts .

Number of Servers

Cisco Prime Collaboration Provisioning (including database) is installed on a single virtual machine. Depending on the number of phones that you want to manage, the OVA size differs. For more information about configuring Cisco Prime Collaboration Provisioning, refer to [Configure Prime Collaboration Provisioning OVA](#).

VMware Requirements

Ensure that your VMware environment meets the following requirements:

- OVA file is downloaded and saved to the same machine on which the vSphere Client/ vSphere Web Client is installed.

- VMware ESXi is installed and configured on the ESXi host. See the VMware documentation for information on setting up and configuring your host machine.

The VMware vSphere client is Windows-based. Therefore, download and install the client from a Windows system.

After you install the VMware vSphere Client, you can run it and log in to the virtual host. You can log in to the virtual host using the hostname or IP address of the virtual host, the root login ID, and the password that you configured. You can add the host to a vCenter if you want to manage it through vCenter. See VMware documentation for details.

- VMware ESXi server hostname is configured in the DNS server.
- VMware ESXi server is synchronized with the NTP server.

System Requirements — Server and Client Machine Requirements

Cisco Prime Collaboration Provisioning runs on any VMware-certified hardware with ESXi 5.5, ESXi 6.0, ESXi 6.5, ESXi 6.7, and HX TRC 6.0 only. Large deployment models require ESXi 5.0.

You can also deploy OVAs on VMWare hosts running ESXi 6.0, ESXi 6.5, and ESXi 6.7.



Note

- The vSphere thick client is not available anymore. Hence, if you are using ESXi 6.5 or later for deployment with the thin client, you need to use the OVA where the file name specifies 'With ESXi 6.5 using Web client'.
- We recommend that you install and run Cisco Prime Collaboration on Cisco Unified Computing System (UCS), which is VMware-certified.
- Cisco Prime Collaboration runs on CentOS 7. This operating system is included with the Cisco Prime Collaboration application and is installed when the Cisco Prime Collaboration OVA is deployed.

The OVA defines the configuration of the virtual machine that includes the CPU, memory, disk, and network resources.

Virtual Machine Requirements for Cisco Prime Collaboration Provisioning

This table lists the virtual machine requirements for the Cisco Prime Collaboration Provisioning application, based on the number of endpoints that are managed in Cisco Prime Collaboration. Number of vCPUs is based on using 2.7Ghz or faster processors for the Medium and Large models.

From Cisco Prime Collaboration Provisioning 12.1, single server setup has been implemented for large server installation. The network adapter type has been changed from E1000 to VMXNET 3.

Managed Endpoints	Number of vCPUs	Min vCPU Reservation	RAM	Memory Reservation	NIC	Disk Space

Up to 3000 endpoints (Small OVA)	1	2 GHz	2 GB	2 GB	1 GB	90 GB
Up to 20,000 endpoints (Medium OVA)	4	10.8 GHz	8 GB	8 GB	1 GB	120 GB
Up to 150,000 endpoints (Large OVA Server)	8	21.6 GHz	16 GB	16 GB	1 GB	150 GB

Client Machine Requirements for Cisco Prime Collaboration Provisioning

Attributes	Values
Display Resolution	1440 x 900

Attributes	Values
Supported Browser	<p>The following browsers are supported in Cisco Prime Collaboration Provisioning:</p> <ul style="list-style-type: none"> • Mozilla Firefox 60 and later • Windows Internet Explorer 11 and Microsoft Edge • Google Chrome 68 and later <p>Prime Collaboration provides a self-signed certificate (HTTPS). To allow access of the Prime Collaboration client, ensure that security is set to either medium or low in Internet Explorer and perform the following:</p> <ul style="list-style-type: none"> • Ensure that you enable cookies in the browser • Ensure that you set one of the following locales for Prime Collaboration Provisioning: <ul style="list-style-type: none"> • English-United States [en-us] • Arabic-Saudi Arabia [ar-sa] • Chinese-China [zh] • Chinese-Taiwan [zh-tw] • Danish-Denmark [da] • Dutch-Netherlands [nl] • French-France [fr] • German-Germany [de] • Italian-Italy [it] • Japanese-Japan [ja] • Korean-Korea Republic [ko] • Portugese-Brazil [pt-br] • Russian-Russia [ru] • Spanish-Spain [es-es] • Swedish-Sweden [sv-se] • Ensure that you disable the popup blocker if you have installed it, as Prime Collaboration uses popup dialog boxes at several instances.

Attributes	Values
Environment	<p>Clients must be able to access Cisco Prime Collaboration:</p> <ul style="list-style-type: none">• From outside the firewall, refer to your firewall documentation for information on how to configure client access.• Across a Virtual Private Network (VPN), the VPN tunnel must connect the client and a VPN router or similar device. See Required Ports for Prime Collaboration.