Deployment

- Deployment Options, page 1
- Requirements, page 1

Deployment Options

You can deploy Cisco Prime License Manager in one of the following ways:

- Coresident deployments—Cisco Prime License Manager is installed automatically as part of the installation of Cisco Unified Communications Manager and Cisco Unity Connection. You may choose to run Cisco Prime License Manager on one of these servers in a coresident configuration. Refer to the latest release of the platform-specific installation document for more information:
  - Installing Cisco Unified Communications Manager
  - Installation Guide for Cisco Unity Connection
  - Installing Cisco Business Edition 6000
- Standalone deployments—You need two files to install Cisco Prime License Manager:
  - A virtual machine template (OVA file) is available from Software Download Center.
  - An ISO file is available via electronic software download after you purchase Cisco Unified Communications Manager or Cisco Unity Connection.

Requirements

System Requirements

Here are the server requirements as defined in the virtual machine template that should be used to install a standalone instance of Cisco Prime License Manager.

Requirement	Details
Version	11.0(1)
CPU	1 vCPU with 1800 Mhz reservation
Memory	4 GB (RAM) with 4 GB reservation
Hard Drive	1 - 50 GB disk

Port Requirements

The following table provides a list of ports used by Cisco Prime License Manager. If you wish to use automatic license fulfillment, Cisco Prime License Manager should be allowed direct outbound access to the Internet.

Description	Protocol	Inbound Port	Outbound Port
Browser HTTP	TCP	80/8080, 443/8443	N/A
SSH/SFTP	TCP	22	N/A
Ephemeral port ranges for clients initiating connections	TCP, UDP	32768-61000	N/A
DNS name resolution	TCP, UDP	N/A	53
To connect to Product instances and to the Cisco licensing portal for e-Fulfillment	TCP	N/A	80, 8080, 443, 8443 (HTTP and HTTPS)
DRS	TCP	N/A	22 (SSH/SFTP)
DHCP client	UDP	N/A	67
NTP client	TCP, UDP	N/A	123

Supported Products

Cisco Prime License Manager supports the following products:

- Cisco Unified Communications Manager
- Cisco Unity Connection
- Cisco Emergency Responder

Supported Locales

The following locales are supported for Cisco Prime License Manager:

- English (default)
- Japanese
- Chinese (simplified)
- Korean
- Chinese (traditional)
- German
- French (France)
- Italian
- Spanish (Spain)
- Spanish (Latin American) - also known as Spanish (Colombia)
- Portuguese (Brazil)
- Dutch (Netherlands)
- Russian

Supported Browsers

The following table defines Cisco Prime License Manager browser support:

Browser	Browser Version	Windows OS			Apple OS	
		Win 8	Windows 7 (32 and 64 bit)	Windows 10 (64 bit)	OSX 10.8	MAC - 10.10.5
Firefox	45.0b10	N/A	N/A	Supported	N/A	N/A
	FF 17-33	Supported	Supported	Supported	Supported	N/A
Chrome	49.0.2623.75	N/A	N/A	Supported	N/A	N/A
	Chrome 23-24	Supported	Supported	N/A	Supported	N/A
	Chrome 22	Supported	Supported	N/A	Supported	N/A
Safari	Safari 9.0.3	N/A	N/A	N/A	N/A	Supported
	Safari 6.0-6.1	Not supported	Not supported	N/A	Supported	N/A

Browser	Browser Version	Windows OS			Apple OS	
		Win 8	Windows 7 (32 and 64 bit)	Windows 10 (64 bit)	OSX 10.8	MAC - 10.10.5
Internet Explorer	IE 11	Supported	Supported for 64 bit	Supported	N/A	N/A
	IE 9-10	Supported	Supported	N/A	N/A	N/A
	IE 8	Not supported	Secondary	N/A	N/A	N/A
Edge	20.10240	N/A	N/A	Supported	N/A	N/A

Note The following browsers and operating systems are not currently supported: Opera, Linux OS, Google Chrome OS.