

Go to: [Guidelines to Edit UC Virtualization Pages](#)

Contents

- [1 Supported Virtual Machine OVA Templates](#)
 - ◆ [1.1 Unified Communications Manager](#)
 - ◆ [1.2 Cisco Unity Connection](#)
 - ◆ [1.3 Cisco Unified Presence](#)
 - ◆ [1.4 Cisco Unified Provisioning Manager BE](#)
 - ◆ [1.5 Cisco Prime Collaboration Provisioning](#)
 - ◆ [1.6 Cisco Unified Contact Center Express](#)
 - ◆ [1.7 Cisco Emergency Responder](#)
 - ◆ [1.8 Unified Attendant Consoles](#)
 - ◆ [1.9 Cisco Video Communication Server \(Control\)](#)
 - ◆ [1.10 Cisco Paging Server](#)

Supported Virtual Machine OVA Templates

A virtual machine template defines the configuration of the virtual machine's virtual hardware. Open Virtualization Format (OVF) is an open standard for describing a virtual machine template, and Open Virtualization Archive (OVA) is an open standard to package and distribute these templates. Files in OVA format have an extension of ".ova".

The OVAs contain virtual hard disks with pre-aligned disk partitions. Using the OVA is the only way to deploy the UC applications on aligned disks. Using the OVA also guarantees that all configuration of the virtual machine is correct and supported.

See [Downloading OVA Templates for BE 6000 applications](#) for more information on how to download OVA templates for UC Applications.

Note: In BE6000 9.0 Release, installation media (.OVA and .ISO files) are pre-loaded in the datastore.

Applications Supported

Application	Scale	vCPU	vRAM	vDisk	Distribution	Pre-loaded
UCM	1000 users / 1200 Devices	2	4GB	1x80GB	ISO & OVA	Yes
Unity Cn	1000 VMs	1	4GB	1x160GB	ISO & OVA	Yes
IM & Presence	1000 Full UC, IM & Presence Users	1	2GB	1x80GB	ISO & OVA	Yes
CCX	100 Agents	2	4GB	1x146GB	ISO & OVA	Yes
CUPM BE	1000 users	1	2GB	1x30GB	OVA	Yes

PCP	1000 users	1	2	1x90G	OVA	Yes
CUxAC	50 clients	1	4GB	1x80GB	OVA	No
VCS	100 Traversal / 100 non-Traversal Calls	2	4GB	1x128GB	OVA	Yes
CER	1000 users	2	4GB	1x80GB	ISO & OVA	Yes
Paging	1000 users	1	4	1x80G	OVA	Yes

Co-residency policy supports for any 4 UC applications and 1 Provisioning application as long as they fit in 8vCPU and 32GvRAM. 1vCPU should be reserved for ESXi scheduler if CUC is deployed in a VM.

Note: Only one of the Provisioning applications must be installed.


Unified Communications Manager

- [General OVA Template Download Location](#)
- [OVA Template Details for Unified CM Release 8.5](#)
- [OVA Template Details for Unified CM Release 8.6](#)
- [OVA Template Details for Unified CM Release 9.0](#)

Cisco Unity Connection

- [General Unity Connection OVA Template Download Location](#)
- [OVA Template Details for Unity Connection Release 8.5](#)
- [OVA Template Details for Unity Connection Release 8.6.1](#)
- [OVA Template Details for Unity Connection Release 8.6.2](#)
- [OVA Template Details for Unity Connection Release 9.0.1](#)

Cisco Unified Presence

 **Note:** Cisco Unified Presence is referred to as IM and Presence in Release 9.0(1) and later.

- [General OVA Template Download Location](#)
- [OVA Template Details for Unified Presence Release 8.6\(1\)](#)
- [OVA Template Details for Unified Presence Release 8.6\(2\)](#)
- [OVA Template Details for Unified Presence Release 8.6\(3\)](#)
- [OVA Template Details for Unified Presence Release 8.6\(4\)](#)
- [OVA Template Details for IM and Presence Release 9.0\(1\)](#)
- [OVA Template Details for IM and Presence Release 9.1\(1\)](#)

See also:

- [Virtualization for Cisco Unified Presence](#)

Cisco Unified Provisioning Manager BE

Cisco Unified Provisioning Manager for Cisco Business Edition 6000 is delivered as an Open Virtual Appliance (OVA) file. The OVA file is not available for download. It is available only with new purchases of Cisco Business Edition 6000. The OVA file that is shipped with Cisco Business Edition 6000 includes the RHAT linux operating system as well as pre-installed Provisioning manager application. For more details on installing provisioning manager please refer to the quick start guide posted below.

- [Cisco Prime Unified Provisioning Manager 9.0BE Quickstart Guide](#)

Cisco Prime Collaboration Provisioning

Cisco Prime Collaboration Provisioning for Cisco Business Edition 6000 is delivered as an Open Virtual Appliance (OVA) file. For Cisco Business Edition 6000, download *Provisioning 9.x for Small Deployment*.

- [General OVA Template Download Location](#)

For more details on installing Prime Collaboration Provisioning, please refer to the quick start guide posted below.

- [Cisco Prime Collaboration 9.0 Quick Start Guide](#)

For more details on installing Provisioning Manager 8.6, please refer to the quick start guide posted below.

- [Unified Provisioning Manager Quickstart Guide 8.6](#)

Cisco Unified Contact Center Express

- [General OVA Template Download Location](#)
- [Unified CCX OVA Templates](#)

Note that Unified CCX OVA version 2 is for use with ESXi 4.1. Please follow Unified Communications VMware Requirements page for ESXi 4.1 requirements (VMware Tools upgrade, LRO disabling, etc.)

Supported OVA Templates: Cisco Unified Contact Center Express

Application, OVA Capacity and Notes+Download Link	vCPU Cores	vRAM / Memory	vDisk	vNIC	Notes
100 agents (Release 9.0(1))	2	4 GB	1x 146 GB ◇ vDisk 1 = Operating System, Unified CCX binaries, and Unified CCX logs	1	

See also:

- [Virtualization for Unified CCX](#)

Cisco Emergency Responder

- [General OVA Template Download Location](#)

Supported OVA Templates: Cisco Emergency Responder 8.5 and 8.6

Application, OVA Capacity and Notes+Download Link	vCPU Cores and Speed per Core	vRAM / Memory	vDisk	vNIC	Notes
<u>12,000 users (C200 only)</u>	2 @ 2.13 GHz each (600 MHz reserved)	4 GB (4 GB reserved)	1 x 80 GB	1	Use on C200 M2 TRC#1 only. Limits: <ul style="list-style-type: none"> ◇ 12,000 IP phones ◇ 2,500 analog phones ◇ 1,200 roaming phones (per Emergency Responder cluster) ◇ 500 LAN switches ◇ 30,000 switch ports ◇ 3,000 ERLs

Supported OVA Templates: Cisco Emergency Responder 8.7 and 9.0

VM OVA Capacity	VM OVA Parameters					Notes
	vCPU Cores (= Physical Cores)	Physical CPU Load was Calibrated To	vRAM (=Physical Memory)	vDisk (=Physical space)	vNIC	
<u>Emergency Responder 12,000 users</u> Only for BE6K and certain	2 (with 800 MHz reservation)	E5506 2.13 GHz	4 GB (with all 4 GB reserved)	1x 80 GB disk	1	For use only on UCS C200M2 TRC#1 (including BE6000) and C220M3 TRC#2, which is BE6000 only.

TRCs - see notes.						Limits: ◇ 12,000 IP phones ◇ 2,500 analog phones ◇ 1,200 roaming phones (per Emergency Responder cluster) ◇ 500 LAN switches ◇ 30,000 switch ports ◇ 3,000 ERLs
-------------------	--	--	--	--	--	---

Unified Attendant Consoles

- [General OVA Template Download Location](#)

Supported OVA Templates: Unified Attendant Consoles

Application, OVA Capacity and Notes+Download Link	vCPU Cores	vRAM / Memory	vDisk	vNIC	Notes
OVA for CUxAC	1 @ 2.55 GHz	4 GB	1x 72GB	1	Note: CUxAC requires a VM to meet or exceed minimum physical server specs described on the CUxAC datasheet

Cisco Video Communication Server (Control)

- [General OVA Template Download Location](#)

Supported OVA Templates: Cisco Video Communication Server

Application, OVA Capacity and Notes+Download Link	vCPU Cores	vRAM / Memory	vDisk	vNIC	Notes
OVA for VSC(C)	2	4 GB	1x 128GB	1	

Cisco Paging Server

- [General OVA Template Download Location](#)

Supported OVA Templates: CiscoPaging Server

Application, OVA Capacity and Notes+Download Link	vCPU Cores	vRAM / Memory	vDisk	vNIC	Notes
OVA for Cisco Paging Server	1	4 GB	1x 80GB	1	

[Back to: Cisco Business Edition 6000](#)