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## Supported Virtual Machine OVA Templates

Background on OVA templates for Collaboration apps has moved to [Unified Communications Virtualization Sizing Guidelines](#).

Please update your bookmarks.

## Unified Communications Manager

This content has moved to [Virtualization for Cisco Unified Communications Manager \(CUCM\)](#).

Please update your bookmarks.

## Cisco Emergency Responder

This content has moved to [Virtualization for Cisco Emergency Responder](#).

Please update your bookmarks.

## **Session Manager Edition**

This content has moved to [Virtualization for Cisco Unified CM - Session Management Edition](#).

Please update your bookmarks.

## **Unified Attendant Consoles**

This content has moved to [Virtualization for Cisco Unified Attendant Consoles](#).

Please update your bookmarks.

## **Cisco Intercompany Media Engine**

This content has moved to [Virtualization for Cisco Intercompany Media Engine](#).

Please update your bookmarks.

## **Cisco Unity Connection**

This content has moved to [Virtualization for Cisco Unity Connection](#).


Please update your bookmarks.

## **Cisco Unity**

This content has moved to [Virtualization for Cisco Unity](#).

Please update your bookmarks.

## **Cisco Unified Presence and Cisco Unified Communications Manager IM and Presence**

 **Note:** The latest release of Cisco Unified Presence (CUP) is 8.6. These features are provided by Cisco Unified CM - IM and Presence in Release 9.0(1) and later.

This content has moved to:

- ◇ [Virtualization for Unified CM IM and Presence - 9.x and later versions](#)
- ◇ [Virtualization for Cisco Unified Presence - 8.x versions](#)

Please update your bookmarks.

## **Cisco Unified Contact Center Express/Cisco Unified IP Intelligent Voice Response (IP IVR)**

This content has moved. Please update your bookmarks:

- [Virtualization for Cisco Unified Contact Center Express](#)
- [Virtualization for Cisco Unified Work Force Optimization Suite for Cisco Unified Contact Center Express](#)
- [Virtualization for Cisco Unified IP IVR](#)

## **Prime Collaboration (Prime Collaboration Provisioning and Prime Collaboration Assurance)**

This content has moved. Please update your bookmarks:

- [Virtualization for Cisco Prime Collaboration Provisioning](#)
- [Virtualization for Cisco Prime Collaboration Assurance](#)

## **UC Management Suite (PM, OM, SM, SSM)**

There are different OVAs for premise UC on UCS deployments vs. Hosted Collaboration Solution deployments.

### **Supported OVA Templates: UC Management Suite (PM, OM, SM, SSM) for Premise UC on UCS Deployments**

Unified\_Communications\_Virtualization\_Downloads\_(including\_OVA/OVF\_Templates)

Application, OVA Capacity and Notes+Download Link	vCPU Cores	vCPU Speed	vRAM / Memory	vDisk	IOPS (avg) (1)	IOPS (max) (1)	vNIC	Notes
<b>CUPM up to 1K phones (VM-CUCMS_1S)</b>	1	2.33Ghz	2 GB	1x 30 GB	100	500	1	
<b>CUPM 1K to 10K phones</b>	4	2.33Ghz	4 GB	1x 40 GB (2)	100	500	1	
<b>CUPM 10K to 60K phones app server</b>	4	2.33Ghz	4 GB	1x 30 GB(3)	100	500	1	requires DB VM
<b>CUPM 10K to 60K phones database server</b>	4	2.33Ghz	8 GB	1x 120 GB(3)	100	500	1	requires App VM
<b>CUOM/SM 1K phones</b>	1	2.33Ghz	3 GB	1x 50 GB	6	15	1	
<b>CUOM 10K phones (VM-CUCMS_2L)</b>	2	2.33Ghz	8 GB	1x 72 GB	6	15	1	
<b>CUOM 45K phones (VM-CUCMS_4L)</b>	4	2.33Ghz	8 GB	2x 60 GB	6	15	1	
<b>CUSM 10K Phones (VM-CUCMS_2)</b>	2	2.33Ghz	4 GB	1x 72 GB	6	15	1	
<b>CUSM 45K Server (VM-CUCMS_4)</b>	4	2.33Ghz	4 GB	2x 60 GB	6	15	1	
<b>CUSSM 10K phones (VM-CUCMS_1)</b>	1	2.33Ghz	4 GB	1x 60 GB	6	15	1	
<b>CUSSM 45K Phones</b>	2	2.33Ghz	4 GB	1x 72 GB	6	15	1	
<b>CUCMS 10K phones Co-resident (VM_CUCMS_8)</b>	8	2.33Ghz	16 GB	1x 320 GB (2)	100	500	1	

Notes:

- (1) IOPS are for each CM publisher synced in parallel. If only one CM publisher then IOPS are 100/500. The maximum figures would be expected during nightly Infrastructure or Subscriber syncs.
- (2) PM requires SAS or SCSI drives for deployments over 1K phones up to 10k phones (Disks must be aligned)
- (3) PM requires FC SAS for deployments over 10K phones (Disks must be aligned)

**Supported OVA Templates: UC Management Suite (PM, OM, SM, SSM) for Hosted Collaboration Solution**

Application, OVA Capacity and Notes+Download Link	vCPU Cores	vCPU Speed	vRAM / Memory	vDisk	vNIC	Notes
<b><u>CUOM+CUSM 1K phones for HCS (HCS_OM&amp;SM_1K)</u></b>	1	2.33Ghz	3 GB	1x 50 GB	1	

## **Unified Contact Center Enterprise**

This content has moved to [Virtualization for Unified CCE](#).

Please update your bookmarks.

## **Cisco Packaged Contact Center Enterprise**

This content has moved to [Packaged CCE](#)

Please update your bookmarks.

## **Unified Customer Voice Portal**

This content has moved to [Virtualization for Cisco Unified Customer Voice Portal](#).

Please update your bookmarks.

## **Cisco MediaSense**

This content has moved to [Virtualization for Cisco MediaSense](#).

Please update your bookmarks.

## **Cisco Unified Intelligence Center**

This content has moved to [Virtualization for Cisco Unified Intelligence Center](#).

Please update your bookmarks.

## **Cisco Unified Contact Center Management Portal**

This content has moved to [Virtualization for Cisco Unified Contact Center Management Portal](#).

Please update your bookmarks.

## Cisco SocialMiner

This content has moved to [Virtualization for Cisco SocialMiner](#).

Please update your bookmarks.

## Cisco Unified Email Interaction Manager and Web Interaction Manager

This content has moved to [Virtualization for Cisco Unified Email Interaction Manager - Web Interaction Manager](#). Please update your bookmarks.

## Cisco Media Blender

Application, OVA Capacity and Notes+Download Link	Contents	No of VM's to deploy of each component	vCPU	vDisk	vRAM/Memory
<a href="#">Cisco Media Blender</a>	Cisco Media Blender	1	2	1 x 80GB	2

## Cisco Finesse

This content has moved to [Virtualization for Cisco Finesse](#).

Please update your bookmarks.

## TelePresence Applications

### Supported OVA Templates: TelePresence Applications

Application, OVA Capacity and Notes+Download Link	vCPU Cores	vRAM / Memory	vDisk	vNIC	Notes
<a href="#"><u>Cisco TelePresence Manager</u></a>	2	8 GB (4 GB reserved)	1 x 200 GB	1	<p>1.9.0 Supported Co-residency Configurations:</p> <ul style="list-style-type: none"> <li>• Up to 4 CTS-Manager instances can be installed on a single server, for service provider deployments with no more than 50 endpoints under management per instance of CTS-Manager.</li> <li>• 1 CTS-Manager and 1 CTMS can be installed on a single UCS server.</li> </ul>
<a href="#"><u>Cisco TelePresence Multipoint Switch</u></a>	4	6 GB (2.304 GB reserved)	1 x 100 GB	1	<p>1.9.0 Supported Co-residency Configurations:</p> <ul style="list-style-type: none"> <li>◇ 2 CTMS instances can be installed on a single UCS server.</li> <li>◇ 1 CTMS and 1 CTS-Manager can be installed on a single UCS server.</li> </ul>
<b>Cisco TelePresence Video Communications Server</b>	<p>This content has moved to <a href="#"><u>Virtualization for Cisco TelePresence Video Communications Server</u></a>.</p> <p>Please update your bookmarks.</p>				
<b>Cisco TelePresence Conductor</b>	<p>This content has moved to <a href="#"><u>Virtualization for Cisco TelePresence Conductor</u></a>.</p> <p>Please update your bookmarks.</p>				
<p><b>Back to: <a href="#"><u>Unified Communications in a Virtualized Environment</u></a></b></p>					