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Version 10.6

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 **Note:** All of the VM configurations below require Cisco Unified Communications Manager **7.1 or higher**.

 **Note:** This information listed here for convenience. For latest information, when in doubt, or if conflicts, see the Quick Start Guide at http://www.cisco.com/en/US/products/ps12363/prod_installation_guides_list.html, accessed from <http://www.cisco.com/go/primecollaboration> .

VM Configuration Requirements
click to download OVA file for this version

Supported Hardware (Latest)

Component & Capacity Point

UCS Tested Reference Configurations

vCPU vRAM vDisk vNIC

	BE6000M	BE6000H	BE7000M	BE7000H	<u>XL</u>	<u>2XL</u>					
BE6000S	<u>S TRC</u>	<u>S+ TRC</u>	<u>M TRCs</u>	<u>L TRCs</u>	<u>TRCs</u>	<u>TRC</u>	<u>UC</u>	<u>Perf.</u>	<u>CPU</u>	<u>Full</u>	<u>3rd</u>

- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0, 4.1, 5.0, 5.1, 5.5
- **Click for "IOPS"**


Small (3K devices) See notes	4	14 GB	1x 150 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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Virtualization_for_Cisco_Prime_Collaboration_Assurance

Medium (20K devices) <u>See notes</u>	6	22 GB	1x 300 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Large (80K devices) <u>See notes</u>	14	30 GB	1x 500 GB	1	No	No	No	No	Yes	Yes	Yes	Yes
Very Large (150K devices) - Analytics not supported <u>See notes</u>	22	36 GB	1x 750 GB	1	No	No	No	No	No	No	Yes	Yes
Very Large App (150K devices) - w/ Analytics <u>See notes</u>	22	36 GB	1x 750 GB	1	No	No	No	No	No	No	Yes	Yes
Very Large DB (150K devices) - w/ Analytics <u>See notes</u>	8	16 GB	1x 750 GB	1	No	No	No	No	No	Yes	Yes	Yes

Version 10.5

[Click here for a Legend](#)

 **Note:** All of the VM configurations below require Cisco Unified Communications Manager **7.1 or higher**.

 **Note:** This information listed here for convenience. For latest information, when in doubt, or if conflicts, see the Quick Start Guide at http://www.cisco.com/en/US/products/ps12363/prod_installation_guides_list.html, accessed from <http://www.cisco.com/go/primecollaboration>.

VM Configuration Requirements
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Supported Hardware (Latest)

Component & Capacity Point

UCS Tested Reference Configurations

vCPU vRAM vDisk vNIC

BE6000M BE6000H BE7000M BE7000H **XL** **2XL**
BE6000S **S TRC** **S+ TRC** **M TRCs** **L TRCs** **TRCs** **TRC**

UC
3rd
Specs:
Inte
Full
UC
Perf.
CPUs


- **Co-residency support** = Full


- **Supported Versions of VMware vSphere ESXi** = 4.0, 4.1, 5.0, 5.1, 5.5
- **Click for "IOPS"**

Small (3K devices) <u>See notes</u>	4	14 GB	1x 150 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Medium (20K devices) <u>See notes</u>	6	22 GB	1x 300 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Large (80K devices) <u>See notes</u>	16	30 GB	1x 500 GB	1	No	No	No	No	Yes	Yes	Yes	Yes
Very Large (150K devices) - Analytics not supported <u>See notes</u>	24	36 GB	1x 750 GB	1	No	No	No	No	No	No	Yes	Yes
Very Large App (150K devices) - w/ Analytics <u>See notes</u>	24	36 GB	1x 750 GB	1	No	No	No	No	No	No	Yes	Yes
Very Large DB (150K devices) - w/ Analytics <u>See notes</u>	8	16 GB	1x 750 GB	1	No	No	No	No	No	Yes	Yes	Yes

Version 10.0

[Click here for a Legend](#)

 **Note:** All of the VM configurations below require Cisco Unified Communications Manager **7.1 or higher**.

 **Note:** This information listed here for convenience. For latest information, when in doubt, or if conflicts, see the Quick Start Guide at http://www.cisco.com/en/US/products/ps12363/prod_installation_guides_list.html, accessed from <http://www.cisco.com/go/primecollaboration> .

VM Configuration Requirements
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Supported Hardware (Latest)

Component & Capacity Point

vCPU vRAM vDisk vNIC

UCS Tested Reference Configurations

UCS 3rd-party Specs-based Intel Xeon


	BE6000S	BE6000M	BE6000H	BE7000M	BE7000H	<u>XL</u>	<u>2XL</u>	<u>Full UC Perf. CPUs</u>	<u>Res UC C</u>
		<u>S TRC</u>	<u>S+ TRC</u>	<u>M TRCs</u>	<u>L TRCs</u>	<u>TRCs</u>	<u>TRC</u>		


- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0, 4.1, 5.0, 5.1, 5.5
- **Click for "IOPS"**

Small (1K devices) - w/ Analytics <u>See notes</u>	6	14 GB	1x 150 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Medium (10K devices) - w/ Analytics <u>See notes</u>	8	22 GB	1x 200 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Large (80K devices) - w/ Analytics <u>See notes</u>	16	30 GB	1x 500 GB	1	No	No	No	No	Yes	Yes	Yes	Yes
Very Large (150K devices) - Analytics not supported <u>See notes</u>	18	32 GB	1x 750 GB	1	No	No	No	No	No	Yes	Yes	Yes

Version 9.5(x)

[Click here for a Legend](#)

 **Note:** All of the VM configurations below require Cisco Unified Communications Manager **7.1 or higher**.

 **Note:** This information listed here for convenience. For latest information, when in doubt, or if conflicts, see the Quick Start Guide at http://www.cisco.com/en/US/products/ps12363/prod_installation_guides_list.html, accessed from <http://www.cisco.com/go/primecollaboration>.

<u>Component & Capacity</u>	<u>VM Configuration Requirements</u>	<u>Supported Hardware (Latest)</u>
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Point [click to download OVA file for this version](#)
vCPU vRAM vDisk vNIC

UCS Tested Reference Configurations

	BE6000M	BE6000H	BE7000M	BE7000H	<u>XL</u>	<u>2XL</u>	<u>Full UC Perf. CPUs</u>	<u>3rd-p Specs-ba Intel X</u>
	BE6000S	<u>S TRC</u>	<u>S+ TRC</u>	<u>M TRCs</u>	<u>L TRCs</u>	<u>TRCs</u>		

- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0, 4.1, 5.0, 5.1, 5.5
- **Click for "IOPS"**

Small (1K devices) - w/ Analytics See notes	6	14 GB	150 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Medium (10K devices) - w/ Analytics See notes	8	22 GB	200 GB	1	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Large (80K devices) - w/ Analytics See notes	16	30 GB	500 GB	1	No	No	No	No	Yes	Yes	Yes	Yes
Very Large (150K devices) - Analytics not supported See notes	18	32 GB	750 GB	1	No	No	No	No	No	Yes	Yes	Yes

Notes on Small VM configuration

A script must be run to check for necessary resources in order to enable Analytics. It is run while in evaluation mode.

PCA 9.5+ will attempt to enable Analytics by default. If insufficient VM specs (such as upgrading from PCA 9.0 using the lower PCA 9.0 VM specs), PCA 9.5+ will disable Analytics and use the PCA 9.0 VM specs.

Notes on Medium VM configuration

A script must be run to check for necessary resources in order to enable Analytics. It is run while in evaluation mode..

PCA 9.5+ will attempt to enable Analytics by default. If insufficient VM specs (such as upgrading from PCA 9.0 using the lower PCA 9.0 VM specs), PCA 9.5+ will disable Analytics and use the PCA 9.0 VM specs.

Notes on Large VM configuration

A script must be run to check for necessary resources in order to enable Analytics. It is run while in evaluation mode.

PCA 9.5+ will attempt to enable Analytics by default. If insufficient VM specs (such as upgrading from PCA 9.0 using the lower PCA 9.0 VM specs), PCA 9.5+ will disable Analytics and use the PCA 9.0 VM specs.

Notes on Very Large VM configuration

Analytics not supported for this VM configuration regardless of version.

Notes on Very Large App VM configuration

None.

Notes on Very Large DB VM configuration

None.

IOPS and Storage System Performance Requirements

IOPS are per Unified CM Publisher synced in parallel. E.g. if only one Publisher synced at a time, then total IOPS are 20 average / 40 max. If two Publishers synced in parallel, then total IOPS are 40 average and 80 max. Use the IOPS values as "budgetary".

Max IOPS occur during nightly Infrastructure or Subscriber syncs.

Supported OVA Templates: Prime Collaboration

Virtualization_for_Cisco_Prime_Collaboration_Assurance

Application, OVA Capacity and Notes+Download Link	IOPS (avg) (1)	IOPS (max) (1)
All VM configurations	20	40