

[Return to Home](#)

## Contents

- [1 Version XC2.3, XC2.4 and XC3.0](#)
- [2 Version XC2.2](#)
- [3 Version XC1.2, XC2.0 and XC2.1](#)
- [4 Notes on Small Conductor VM configuration](#)
- [5 Notes on Conductor VM configuration](#)
- [6 IOPS and Storage System Performance Requirements](#)

## Version XC2.3, XC2.4 and XC3.0

[Click here for a Legend](#)

<u>Component &amp; Capacity Point</u>	<u>VM Configuration Requirements</u> <u>click to download OVA file for this version (AES-encrypted)</u>				<u>Supported Hardware (Latest)</u>									
					<u>UCS Tested Reference Configurations</u>									
	<u>vCPU</u>	<u>vRAM</u>	<u>vDisk</u>	<u>vNIC</u>	<u>BE6000S</u>	<u>BE6000M</u>	<u>BE6000H</u>	<u>BE7000M</u>	<u>BE7000H</u>	<u>XL</u>	<u>2XL</u>	<u>Full UC Perf. CPU</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** = 4.1, 5.0 U1, 5.1, 5.5
- [Click for "IOPS"](#)

Small Conductor VM <a href="#">See notes</a>	2	4 GB	1x 128 GB	3	No	Yes	Yes	Yes	Yes	No	No	No	2.40
Conductor VM <a href="#">See notes</a>	2	6 GB	1x 128 GB	3	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2.40

## Version XC2.2

[Click here for a Legend](#)

**VM Configuration Requirements**  
**click to download OVA file for this version (AES-encrypted)**

**Supported Hardware (Latest)**

**Component & Capacity Point**

**UCS Tested Reference Configurations**

**vCPU vRAM vDisk vNIC**

	BE6000M	BE6000H	BE7000M	BE7000H								
	BE6000S											
	<b><u>S TRC</u></b>	<b><u>S+ TRC</u></b>	<b><u>M TRCs</u></b>	<b><u>L TRCs</u></b>	<b><u>XL TRCs</u></b>	<b><u>2XL TRC</u></b>						

**UC 3rd-Specs-Intel Full UC Perf. CPU**

- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.1, 5.0 U1, 5.1
- **Click for "IOPS"**

Small Conductor VM <a href="#">See notes</a>	2	4 GB	1x 128 GB	3	No	Yes	Yes	Yes	Yes	No	No	No
Conductor VM <a href="#">See notes</a>	2	6 GB	1x 4 GB 1x128 GB	3	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

## Version XC1.2, XC2.0 and XC2.1

[Click here for a Legend](#)

**VM Configuration Requirements**  
**click to download OVA file for this version (AES-encrypted)**

**Supported Hardware (Latest)**

**Component & Capacity Point**

**UCS Tested Reference Configurations**

**vCPU vRAM vDisk vNIC**

	BE6000M	BE6000H	BE7000M	BE7000H								
	BE6000S											
	<b><u>S TRC</u></b>	<b><u>S+ TRC</u></b>	<b><u>M TRCs</u></b>	<b><u>L TRCs</u></b>	<b><u>XL TRCs</u></b>	<b><u>2XL TRC</u></b>						

**UC 3rd-Specs-Intel Full UC Perf. CPU**

- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.1, 5.0 U1, 5.1

- [Click for "IOPS"](#)

Conductor			1x 4										
VM	2	6 GB	GB	1x	3	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<a href="#">See notes</a>			128										
			GB										

## Notes on Small Conductor VM configuration

This VM configuration is only shipped with Cisco Business Edition 6000 or Cisco Business Edition 7000.

In version XC 2.3, it supports lower capacity/performance than the Cisco TelePresence Conductor Appliance (CTI-CNDTR-K9).

## Notes on Conductor VM configuration

Testing was performed on a Cisco UCS C220 M3S platform. Based on evidence from this testing we do not expect there to be any issues with other supported hardware options.

For more information, see [Cisco TelePresence Conductor Virtual Machine Deployment Guide](#).

Special note for version XC2.3

- Physical CPU speed of 2.40+ GHz is required, 2.80+ GHz recommended.
- Slower physical CPU speeds are allowed with this VM, but with max capacity/performance same as the Small Conductor VM above used with Cisco Business Edition 6000 and Cisco Business Edition 7000.

## IOPS and Storage System Performance Requirements

This section provides the IOPS data for a TelePresence Conductor system under load.

Test specifications:

- Four individual TelePresence Conductor VMs running XC1.2
- Single C220 M3 TRC running ESXi 5.0.0 (update 1)
- Processor supporting AESNI feature
- 6GB of RAM per VM
- 132GB disk space per VM (for a 4GB virtual disk 1 and a 128GB virtual disk 2)
- R2XX-LBBU (Raid disk battery backup to enable cache)
- Four hard disks (450GB SAS 15K RPM 3.5in HDD/hot plug/C200 drive sled)
- PCI card Intel Quad port GbE Controller (E1G44ETG1P20)

Test results:

Virtualization\_for\_Cisco\_TelePresence\_Conductor

<b>Activity</b>	<b>Average IOPS</b>	<b>Average r/w latency</b>	<b>Peak read latency</b>	<b>Peak write latency</b>
Performance test*	5	0.5ms	15ms	2ms
Software upgrade	35	5ms	300ms	160ms
Core dump	40	10ms	100ms	10ms
Burnin test suite	35	50ms	400ms	60ms

\* Performance test comprised 2400 endpoints, 15 calls per second, 30 MCUs, 2 person conference