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## Version 10.5(1)

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<b>Component &amp; Capacity Point</b>	<b><u>VM Configuration Requirements</u></b> <b><u>click to download OVA file for this version</u></b>				<b><u>Supported Hardware (Latest)</u></b>						<b><u>Supported Hardware (Older)</u></b>					
	<b><u>vCPU</u></b>	<b><u>vRAM</u></b>	<b><u>vDisk</u></b>	<b><u>vNIC</u></b>	<b><u>UCS Tested Reference Configurations</u></b>						<b><u>UCS or 3rd-party Specs-based on Intel Xeon</u></b>		<b><u>UCS Tested Reference Configurations</u></b>		<b><u>UCS or 3rd-party Specs-based on Intel Xeon</u></b>	
					<b><u>S</u></b>	<b><u>S+</u></b>	<b><u>M</u></b>	<b><u>L</u></b>	<b><u>XL</u></b>	<b><u>2XL</u></b>	<b><u>Full UC Perf. CPU</u></b>	<b><u>Restricted UC Perf. CPU</u></b>	<b><u>S</u></b>	<b><u>M</u></b>	<b><u>Full UC Perf. CPU</u></b>	<b><u>Restricted UC Perf. CPU</u></b>
					S is same as BE 6000 MD S+ is same as BE 6000 HD M includes BE 7000											

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

12,000 users <a href="#">See notes</a>	2	4 GB	1x 80 GB	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
20,000 users <a href="#">See notes</a>	1 <a href="#">See notes</a>	4 GB	1x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No
30,000 users <a href="#">See notes</a>	2	6 GB	1x 110 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No
40,000 users	4	6 GB	1x 110 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No



**Intel Xeon Configurations Intel Xeon**

												<b>Intel Xeon Configurations</b>				<b>Intel Xeon</b>	
												<u>S</u>	<u>S+</u>	<u>M</u>	<u>L</u>	<u>XL</u>	<u>2XL</u>
12,000 users <a href="#">See notes</a>	2	4 GB	1x 80 GB	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
20,000 users <a href="#">See notes</a>	1 <a href="#">See notes</a>	4 GB	1x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No
30,000 users <a href="#">See notes</a>	2	6 GB	2x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No
40,000 users <a href="#">See notes</a>	4	6 GB	2x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No

- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0, 4.1, 5.0, 5.1
- [Click for "IOPS"](#)

**Version 8.7(x)**

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<b>Component &amp; Capacity Point</b>	<b>VM Configuration Requirements</b> <a href="#">click to download OVA file for this version</a>				<b>Supported Hardware (Latest)</b>						<b>Supported Hardware (Older)</b>						
	<u>vCPU</u>	<u>vRAM</u>	<u>vDisk</u>	<u>vNIC</u>	<b>UCS Tested Reference Configurations</b>						<b>UCS or 3rd-party Specs-based on Intel Xeon</b>		<b>UCS Tested Reference Configurations</b>		<b>UCS or 3rd-party Specs-based on Intel Xeon</b>		
					<u>S</u>	<u>S+</u>	<u>M</u>	<u>L</u>	<u>XL</u>	<u>2XL</u>	<u>Full UC Perf. CPU</u>	<u>Restricted UC Perf. CPU</u>	<u>S</u>	<u>M</u>	<u>Full UC Perf. CPU</u>	<u>Restricted UC Perf. CPU</u>	
12,000 users <a href="#">See notes</a>	2	4 GB	1x 80 GB	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No
20,000 users <a href="#">See notes</a>	1 <a href="#">See notes</a>	4 GB	1x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No
	2	6 GB		1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No

- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0, 4.1, 5.0, 5.1
- [Click for "IOPS"](#)

Virtualization\_for\_Cisco\_Emergency\_Responder

30,000 users			2x 80 GB														
<a href="#">See notes</a>																	
40,000 users	4	6 GB	2x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	
<a href="#">See notes</a>																	

## Version 8.6(x)

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<u>Component &amp; Capacity Point</u>	<u>VM Configuration Requirements</u> <a href="#">click to download OVA file for this version</a>				<u>Supported Hardware (Latest)</u>								<u>Supported Hardware (Older)</u>					
	<u>vCPU</u>	<u>vRAM</u>	<u>vDisk</u>	<u>vNIC</u>	<u>UCS Tested Reference Configurations</u>								<u>UCS or 3rd-party Specs-based on Intel Xeon</u>		<u>UCS Tested Reference Configurations</u>		<u>UCS or 3rd-party Specs-based on Intel Xeon</u>	
					<u>UCS Tested Reference Configurations</u>		<u>UCS Tested Reference Configurations</u>		<u>UCS Tested Reference Configurations</u>		<u>UCS Tested Reference Configurations</u>		<u>Full UC Perf. CPU</u>	<u>Restricted UC Perf. CPU</u>	<u>S</u>	<u>M</u>	<u>Full UC Perf. CPU</u>	<u>Restricted UC Perf. CPU</u>
					<u>S</u>	<u>S+</u>	<u>M</u>	<u>L</u>	<u>XL</u>	<u>2XL</u>	<u>S</u>	<u>M</u>	<u>S</u>	<u>M</u>	<u>S</u>	<u>M</u>	<u>S</u>	<u>M</u>

- **Co-residency support** = UC with UC only
- **Supported Versions of VMware vSphere ESXi** = 4.0, 4.1, 5.0
- [Click for "IOPS"](#)

12,000 users	2	4 GB	1x 80 GB	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
<a href="#">See notes</a>																
20,000 users	1	2.25 GB	1x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No
<a href="#">See notes</a>	<a href="#">See notes</a>															
30,000 users	2	6 GB	2x 80 GB	1	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No
<a href="#">See notes</a>																

## Version 8.5(x)

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<u>Component &amp; Capacity Point</u>	<u>VM Configuration Requirements</u> <a href="#">click to download OVA file for this version</a>				<u>Supported Hardware (Latest)</u>								<u>Supported Hardware (Older)</u>					
	<u>vCPU</u>	<u>vRAM</u>	<u>vDisk</u>	<u>vNIC</u>	<u>UCS Tested Reference Configurations</u>								<u>UCS or 3rd-party Specs-based on</u>		<u>UCS Tested Reference</u>		<u>UCS or 3rd-party Specs-based on</u>	
					<u>UCS Tested Reference Configurations</u>		<u>UCS Tested Reference Configurations</u>		<u>UCS Tested Reference Configurations</u>		<u>UCS Tested Reference Configurations</u>		<u>Full UC Perf. CPU</u>	<u>Restricted UC Perf. CPU</u>	<u>S</u>	<u>M</u>	<u>Full UC Perf. CPU</u>	<u>Restricted UC Perf. CPU</u>
					<u>S</u>	<u>S+</u>	<u>M</u>	<u>L</u>	<u>XL</u>	<u>2XL</u>	<u>S</u>	<u>M</u>	<u>S</u>	<u>M</u>	<u>S</u>	<u>M</u>	<u>S</u>	<u>M</u>



◇ 7,500 ERLs

## Notes on 30,000 user VM configuration

Limits:

- ◇ 30,000 IP phones
- ◇ 10,000 analog phones
- ◇ 3,000 roaming phones (per Emergency Responder cluster)
- ◇ 2,000 LAN switches
- ◇ 120,000 switch ports
- ◇ 10,000 ERLs

## Notes on 40,000 user VM configuration

Limits:

- ◇ 40,000 IP phones
- ◇ 12,500 analog phones
- ◇ 4,000 roaming phones (per Emergency Responder cluster)
- ◇ 2,500 LAN switches
- ◇ 150,000 switch ports
- ◇ 12,500 ERLs

## IOPS and Storage System Performance Requirements

This section provides the IOPS Data for a Cisco Emergency Responder System under Load. These tests use published OVA template for Cisco Emergency Responder.

- **Major Discovery:** IOPS value of 66.
- **Export/Import:** IOPS value of 325.
- **DRS Backup/Restore:** During a backup, the value is 29; during a restore, it reaches 1000 IOPS.
- **Upgrade:** IOPS Value of 4.5.