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## Version 11.0

**[OVA Download Location for Cisco MediaSense](#)** . Select MediaSense Virtual Machine Templates->Version

Component & Capacity Point	<b><u>VM Configuration Requirements</u></b> <b><u>click to download OVA file for this version</u></b>				<b>Supported UCS-E Hardware</b>		
	<b><u>vCPU</u></b>	<b><u>vRAM</u></b>	<b><u>vDisk</u></b>	<b><u>vNIC</u></b>	<b><u>SRE-910</u></b>	<b><u>Cisco UCS E140S (Single-Wide Blade)</u></b>	<b><u>Cisco UCS E140D, E140DP, E160D, and E160DP (Double-Wide Blades)</u></b>
2vCPU Config <a href="#">See notes</a>	2	6 GB	<a href="#">See notes</a>	1	No	Yes	Yes
4vCPU Config <a href="#">See notes</a>	4	8 GB	<a href="#">See notes</a>	1	No	Yes	Yes

- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0,4.1,5.0, 5.1, 6.0
- [Click for "IOPS"](#)

2vCPU Config <a href="#">See notes</a>	2	6 GB	<a href="#">See notes</a>	1	No	Yes	Yes
4vCPU Config <a href="#">See notes</a>	4	8 GB	<a href="#">See notes</a>	1	No	Yes	Yes

## Version 10.x

**[OVA Download Location for Cisco MediaSense](#)** . Select MediaSense Virtual Machine Templates->Version

**VM Configuration**

**Requirements**

**click to download OVA file for this version**

**Supported UCS-E Hardware**

**Component & Capacity Point**

<u>vCPU</u>	<u>vRAM</u>	<u>vDisk</u>	<u>vNIC</u>	<u>SRE-910</u>	<u>Cisco UCS E140S (Single-Wide Blade)</u>	<u>Cisco UCS E140D, E140DP, E160D, and E160DP (Double-Wide Blades)</u>
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- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0,4.1,5.0, 5.1, 5.5 with 10.5, 6.0 with 10.5
- **Click for "IOPS"**

2vCPU Config <u>See notes</u>	2	6 GB	<u>See notes</u>	1	No	Yes	Yes
4vCPU Config <u>See notes</u>	4	8 GB	<u>See notes</u>	1	No	Yes	Yes

**Version 9.x**

**OVA Download Location for Cisco MediaSense** . Select MediaSense Virtual Machine Templates->Version

**VM Configuration**

**Requirements**

**click to download OVA file for this version**

**Supported UCS-E Hardware**

**Component & Capacity Point**

<u>vCPU</u>	<u>vRAM</u>	<u>vDisk</u>	<u>vNIC</u>	<u>SRE-910</u>	<u>Cisco UCS E140S (Single-Wide Blade)</u>	<u>Cisco UCS E140D, E140DP, E160D, and E160DP (Double-Wide Blades)</u>
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- **Co-residency support** = Full
- **Supported Versions of VMware vSphere ESXi** = 4.0,4.1,5.0
- **Click for "IOPS"**

2vCPU Config <u>See notes</u>	2	6 GB	<u>See notes</u>	1	Yes	Yes	Yes
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**Notes on 2 vCPU VM configuration**

The 2 vCPU VM configuration can be used for a Primary or a Secondary Cisco MediaSense node. Expansion nodes are not supported with this configuration.

## Disk Requirements For a Primary or Secondary Node

Disk 1 - 80GB for O/S

Disk 2 - 80GB for Database and working storage

Disk 3 - 210 GB

## Supported Capabilities

Physical Hardware	Audio-Weight Media Streams Supported Per Node+	Concurrent API Requests Supported per non-Expansion Node	Max Call Arrival Rate per Node	Max Nodes per Cluster	Max Media Storage per Node	Max Video Playback per Node	Notes
SRE-910	60	3 + 3 queued	20 per minute	2	210 GB	none	Not supported with MediaSense 10.0 or higher
UCS-E	40	3 + 3 queued	20 per minute	2	400 GB or 700 GB++	2 (Ver 10.0)	See here for Supported CPUs - <a href="#">TechNotes</a>

+ A audio call between two end points equals two Audio-Weight Media Streams.

++ Max recording storage per node on UCS E140S blades is 400GB when using 600GB SED drives, or 700GB when using 900GB 15K RPM drives.

## Notes on 4 vCPU VM configuration

The 4 vCPU VM configuration can be used for a Primary or a Secondary Cisco MediaSense node. Expansion nodes are not supported with this configuration.

## Disk Requirements For a Primary or Secondary Node

Disk 1 - 80GB for O/S

Disk 2 - 80GB for Database and working storage

Disk 3 - 210 GB

## Supported Capabilities

Physical Hardware	Audio-Weight Media Streams Supported Per Node+	Concurrent API Requests Supported per non-Expansion Node	Max Call Arrival Rate per Node	Max Nodes per Cluster	Max Media Storage per Node	Max Video Playback per Node	Notes
UCS-E	120	10 + 5 queued	2 per second	2	400 GB or 700	2 (Ver 10.0)	

					GB++		
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+ A audio call between two end points equals two Audio-Weight Media Streams.

++ Max recording storage per node on UCS E140S blades is 400GB when using 600GB SED drives, or 700GB when using 900GB 15K RPM drives.

## UCS-E Server Model Additional Information

Server Model	Width	Number of CPU Cores	Number of Disks	Notes
UCS-E140S	1 Slot	4	2	See here for Supported CPUs - <a href="#">TechNotes</a>
UCS-E140D(p)	1 Slot	4	2 or 3	The third disk can be used for extra media storage. See here for Supported CPUs - <a href="#">TechNotes</a>
UCS-E160S	2 Slots	6	2	See here for Supported CPUs - <a href="#">TechNotes</a>
UCS-E160D(p)	2 Slots	6	2 or 3	The third disk can be used for extra media storage. See here for Supported CPUs - <a href="#">TechNotes</a>

## IOPS and Storage System Performance Requirements

### Release 11.0 IOPS

#### 2 vCPU IOPS for version 11.0

Disks	IOPS - Peak	IOPS - 95%	IOPS - Avg	Disk Read/Write(kbps) - Peak	Disk Read/Write(kbps) - 95%	Disk Read/Write(kbps) - Avg
OS Disks	70	65	50	1500	1200	800
DB Disks	45	30	15	800	250	150
Media Disks	60	55	35	2300	2100	1200

#### 4 vCPU IOPS for version 11.0

Disks	IOPS - Peak	IOPS - 95%	IOPS - Avg	Disk Read/Write(kbps) - Peak	Disk Read/Write(kbps) - 95%	Disk Read/Write(kbps) - Avg
OS Disks	125	90	65	3300	2100	1200
DB Disks	70	50	25	2000	750	450
Media Disks	175	160	135	5300	5100	4600