

Main page: [Cisco Unified Presence, Release 7.x](#)

Contents

- [1 Previous Topic](#)
- [2 Supported Hardware](#)
 - ◆ [2.1 Table 1: Supported hardware for the Cisco Unified Presence Multi-node Feature](#)
 - ◆ [2.2 Related Topics](#)
- [3 Hardware Guidelines for High Availability User Assignment](#)
 - ◆ [3.1 Table 2: User Assignment Guidelines](#)
 - ◆ [3.2 Related Topics](#)

Previous Topic

- [Hardware and Software Compatibility Information for Cisco Unified Presence](#)

- [Supported Hardware](#)

- [Hardware Guidelines for High Availability User Assignment](#)

Supported Hardware

The table below lists the supported hardware for the Cisco Unified Presence multi-node feature.

Notes:

- The hardware support information in [Table 1: Supported hardware for the Cisco Unified Presence Multi-node Feature](#) applies to deployment using the Cisco Unified Presence multi-node feature **only**. If only single-node or dual-node configurations are being deployed, follow the general hardware compatibility guidelines in the compatibility matrix at the following URL:
http://www.cisco.com/en/US/products/ps6837/products_device_support_tables_list.html
- If you are deploying an intercluster environment, follow the hardware support information in [Table 1: Supported hardware for the Cisco Unified Presence Multi-node Feature](#).
- Note that you can upgrade the hard drives on an older platform to run the multi-node feature. For example, if you have two older 7825H2 platforms with 80GB drives, and two new 7825H3s with 160GB drives, this is a mixed hardware platform and cannot run the multi-node feature. If you upgraded the two 7825H2 platform, each with new 160GB hard drives, then you can run the multi-node feature on this hardware.
- Upgrading drives will allow older hardware to be used in a multi-node cluster. However, it is highly recommended that you use the latest hardware available for the multi-node feature as this hardware will have more powerful CPU, more memory and faster input/output processing.

Table 1: Supported hardware for the Cisco Unified Presence Multi-node Feature

Platform	No. of Drives	Drive Size (GB)	Drive Type	Available space (GB) to Operating System	Supports Multi-Node Feature
7816 Servers					
MCS 7816-H3/I3-IPC1	1	160	SATA	160	Yes
MCS 7816-I4-IPC1	1	250	SATA	250	Yes
7825 Servers					
MCS 7825-H1/I1-IPC1	2	80	IDE	80	No
MCS 7825-H2/I2-IPC1	2	80	SATA	80	No
MCS 7825-H3/I3-IPC1	2	160	SATA	160	Yes
MCS 7825-H4/I4-IPC1	2	250	SATA	250	Yes
7835 Servers					
MCS 7835-H1/I1-IPC1	2	72	Ultra320 SCSI	72	No
MCS 7835-H1/I1-IPC1 (upgraded to 146GB drives)	2	146	Ultra320 SCSI	146	Yes
MCS 7835-H2/I2-IPC1	2	72	SAS	72	No
MCS 7835-H2/I2-IPC1 (upgraded to 146GB drives)	2	146	SAS	146	Yes
MCS 7835-I3-IPC1	2	146	SAS	146	Yes
7845 Servers					
MCS 7845-H1/I1-IPC1	4	72	Ultra320 SCSI	144	Yes
MCS 7845-H1/I1-IPC1 (upgraded to 146GB drives)	4	146	Ultra320 SCSI	146	Yes
MCS 7845-H2/I2-IPC1	4	72	SAS	144	Yes
MCS 7845-H2/I2-IPC2	4	146	SAS	292	Yes
MCS 7845-I3-IPC1	4	146	SAS	292	Yes

Related Topics

- [Codes Used in the Tables in This Document](#)
- [Cisco Unified Presence Hardware Compatibility](#)
- [User Capacities with Cisco Unified Presence Release 7.x](#)
- [Cisco Unified Presence Software Compatibility](#)
- [Compatibility with Cisco IP Phones](#)
- [Getting More Information](#)

Hardware Guidelines for High Availability User Assignment

[Table 2: User Assignment Guidelines](#) lists the user assignment guidelines for the Cisco Unified Presence multi-node feature.

Table 2: User Assignment Guidelines

Platform	High Availability Mode	Node 1	Node 2	Subcluster Total	Cluster Total (x3)
7816 Servers	Balanced Non-Redundant	0.5k	0.5k	1k	3k
	Balanced Redundant	0.25k	0.25k	0.5k	1.5k
	Active/Standby	0.5k	0k	0.5k	1.5k
7825 Servers	Balanced Non-Redundant	1k	1k	2k	6k
	Balanced Redundant	0.5k	0.5k	1k	3k
	Active/Standby	1k	0k	1k	3k
7835 Servers	Balanced Non-Redundant	2.5k	2.5k	5k	15k
	Balanced Redundant	1.25k	1.25k	2.5k	7.5k
	Active/Standby	2.5k	0k	2.5k	7.5k
7845 Servers	Balanced Non-Redundant	5k	5k	10k	30k
	Balanced Redundant	2.5k	2.5k	5k	15k
	Active/Standby	5k	0k	5k	15k

Note: The hardware guidelines described in [Table 2: User Assignment Guidelines](#) are based on Cisco Unified Presence servers configured to support presence and IM services only. These guidelines do not incorporate the activation of additional Cisco Unified Presence features such as Interdomain Federation, Presence API, Calendaring and so on.

Related Topics

- [Codes Used in the Tables in This Document](#)
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