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### Previous Topic

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## 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](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 |
|--|---------------|-----------------|---------------|--|-----------------------------|
| <b>7816 Servers</b>                            |               |                 |               |  |                             |
| MCS 7816-H3/I3-IPC1                            | 1             | 160             | SATA          | 160                                      | Yes                         |
| MCS 7816-I4-IPC1                               | 1             | 250             | SATA          | 250                                      | Yes                         |
| <b>7825 Servers</b>                            |               |                 |               |  |                             |
| 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                         |
| <b>7835 Servers</b>                            |               |                 |               |  |                             |
| 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                         |
| <b>7845 Servers</b>                            |               |                 |               |  |                             |
| 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) |
|---------------------|------------------------|--------|--------|------------------|--------------------|
| <b>7816 Servers</b> | 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               |
| <b>7825 Servers</b> | Balanced Non-Redundant | 1k     | 1k     | 2k               | 6k                 |
|                     | Balanced Redundant     | 0.5k   | 0.5k   | 1k               | 3k                 |
|                     | Active/Standby         | 1k     | 0k     | 1k               | 3k                 |
| <b>7835 Servers</b> | 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               |
| <b>7845 Servers</b> | 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](#)
- [Cisco Unified Presence Hardware Compatibility](#)
- [User Capacities with Cisco Unified Presence Release 7.x](#)
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