

# Supported Servers for Releases of Cisco Unified Communications Manager (Including Business Edition 3000/5000/6000 and Session Manager Edition) and Cisco Intercompany Media Engine

This document explains which servers are supported by specific releases of Cisco® Unified Communications Manager (previously known as Cisco Unified CallManager), Business Edition 3000, Business Edition 5000, Business Edition 6000, Cisco Intercompany Media Engine and Session Manager Edition in both virtualized and non-virtualized deployments.

**Note:** The following are not supported on 7800 Series Media Convergence Servers; must be installed on a VMware virtual machine - see <http://www.cisco.com/go/uc-virtualized>.

- Cisco Unified Communications Manager Paging Server (CUCM Paging Server), versions 8.3 and higher
- Cisco Unified Communications Manager, versions 10.0(1) and higher
- Cisco Unified Communications Manager, IM & Presence, versions 10.0(1) and higher
- Cisco Unified Communications Manager - Session Management Edition, versions 10.0(1) and higher

**Note:** All models of Cisco 7800 Series Media Convergence Servers are end of sale no later than Oct 29, 2013. Please see EOL Bulletins for more details: [http://www.cisco.com/en/US/products/hw/voiceapp/ps378/prod\\_eol\\_notices\\_list.html](http://www.cisco.com/en/US/products/hw/voiceapp/ps378/prod_eol_notices_list.html).

**Note:** Cisco Business Edition 3000 will be end of sale on January 20, 2014. Please see EOL bulletin for more details: [http://www.cisco.com/en/US/partner/prod/collateral/voicesw/ps6788/vcallcon/ps11370/end\\_of\\_life\\_notice\\_c51-729019.html](http://www.cisco.com/en/US/partner/prod/collateral/voicesw/ps6788/vcallcon/ps11370/end_of_life_notice_c51-729019.html).

**Note:** Cisco Business Edition 5000 is end of sale as of March 15, 2013. Please see EOL bulletin for more details: [http://www.cisco.com/en/US/partner/prod/collateral/voicesw/ps6788/vcallcon/ps7273/end\\_of\\_life\\_notice\\_c51-716508.html](http://www.cisco.com/en/US/partner/prod/collateral/voicesw/ps6788/vcallcon/ps7273/end_of_life_notice_c51-716508.html).

**Note:** Cisco Business Edition 6000 (formerly Cisco Unified Communications Manager Business Edition 6000) is not supported on 7800 Series Media Convergence Servers; must be installed on a VMware virtual machine and is supported only on certain hardware platforms. For more details, please see the datasheet at [http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/vcallcon/ps11369/data\\_sheet\\_c78-717454.html](http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/vcallcon/ps11369/data_sheet_c78-717454.html) and documentation at [http://docwiki.cisco.com/wiki/Cisco\\_Business\\_Edition\\_6000](http://docwiki.cisco.com/wiki/Cisco_Business_Edition_6000).

**Note:** Cisco Unified Communications Manager 10.0(1) Business Edition 6000 (formerly Cisco Unified Communications Manager Business Edition 6000) is not supported on 7800 Series Media Convergence Servers; must be installed on a VMware virtual machine and is supported only on certain hardware platforms. For more details, please see the datasheet at [http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/vcallcon/ps11369/data\\_sheet\\_c78-717454.html](http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/vcallcon/ps11369/data_sheet_c78-717454.html) and documentation at [http://docwiki.cisco.com/wiki/Cisco\\_Business\\_Edition\\_6000](http://docwiki.cisco.com/wiki/Cisco_Business_Edition_6000).

For supported servers of Cisco Unified Communications Manager IM & Presence Service, see [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).

Servers are described in terms of models (such as MCS 7845 or UCS B200 or UCS C210), generations (such as MCS 7845-**I2** vs. 7845-**I3** or UCS B200 **M1** vs. UCS B200 **M2** or UCS C210 **M1** vs. UCS C210 **M2**) and configurations (denoted by a suffix such as -IPC1, -VCS1, -VCD1, etc.).

For a virtualized deployment:

- Business Edition 6000 server support can be found at [http://docwiki.cisco.com/wiki/Cisco\\_Business\\_Edition\\_6000](http://docwiki.cisco.com/wiki/Cisco_Business_Edition_6000)
- Otherwise use Table 1 to confirm that the desired software product and release is supported with virtualization, then consult <http://www.cisco.com/go/uc-virtualized> for details such as supported servers or hypervisor products
- Please note our support policy in footnote 4 for virtualized deployments. Due to use of virtualization software, support of new server options may occur out of cycle with software product releases, so check this document frequently for updates
- See <http://www.cisco.com/go/uc-virtualized> for all other details such as application co-residency support and virtualization feature support
- You must deploy Cisco Unified Communications Manager on a supported Virtual Machine template. See <http://www.cisco.com/go/uc-virtualized>

For a non-virtualized deployment, use Table 1 to confirm that the desired server is supported by the desired software product release.

Pay special attention to server support when planning software upgrades, hardware migrations, or server repurposing. If your server is not supported, you must replace it with a different or newer server if you want to run the target software release. A supported server may still require component changes such as memory expansion or hard disk replacement to support the new software release. Table 1 lists these additional requirements.

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If you are using direct HP or IBM equivalents instead of the Cisco 7800 Series Media Convergence Server (MCS), please visit <http://www.cisco.com/go/swonly> to map these equivalents to Cisco 7800 Series for lookup in the table. For example, an IBM x206 can map to multiple Cisco 7800 Series MCS products, depending on variants in CPU, disk, bus, and so on, on the same x206 chassis, whereas an HP DL320G5 maps to a Cisco MCS 7825-H3-IPC1. Please note that all MCS 7800 models are end of sale, and HP/IBM have discontinued the base server models used for MCS 7800.

If you are using Cisco Unified Computing System servers, please visit <http://www.cisco.com/go/uc-virtualized> and [http://docwiki.cisco.com/wiki/UC\\_Virtualization\\_Supported\\_Hardware](http://docwiki.cisco.com/wiki/UC_Virtualization_Supported_Hardware) for details on supported configurations.

Consult with your account team and product installation and upgrade guides for planning execution of a software upgrade, hardware migration, or server repurpose.

Servers and part numbers on the same row in Table 1 are interchangeable with respect to server repurposing and supported software releases. They are sometimes (but not necessarily) the same hardware configuration, so pay attention to the numbered footnotes, which indicate if a server requires memory or hard drive changes to support the desired software release. The part number lists are not necessarily exhaustive, so if you don't see the SKU you're looking for, consult your account team.

#### Legend for Table 1

- Blank cells mean the server is not supported
- “X” means the server is supported for production use. Numbers refer to special rules outlined in footnotes after the table
- “B” means the server is only supported for “bridged upgrade,” as described in footnote 5
- Column titles indicate the software product and version



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(1) Supported, but note that servers running Cisco Unified CallManager or Unified Communications Manager versions 4.x to 8.0.2 require a minimum of 2 GB of memory for Cisco MCS 7815, MCS 7816-I4 and older, MCS 7825-H4/I4 and older, and MCS 7835-H4/I4 and older, and 4 GB of memory for Cisco MCS 7845-H2/I2 and older. For versions 8.0.3 and higher, see footnote 2. This will result in mandatory memory upgrades if older supported servers are desired for use with the new software versions. For more information, refer to [http://www.cisco.com/en/US/products/sw/voicesw/ps556/prod\\_bulletin0900aecd80284099.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/prod_bulletin0900aecd80284099.html). Use <http://www.cisco.com/go/swonly> to get supported memory part numbers.

(2) Supported, but note that Cisco Unified Communications Manager 5.0 and later require or recommend (depending on server model and software release) minimum memory and disk size as described in the table below. For Cisco Unified Communications Manager 8.0(3) through 8.5, it is strongly recommended to upgrade to minimum 4GB RAM and 146GB disk drive; whether this is necessary for your deployment is design-dependent and depends on call volume, installed locales, dial plans, phone firmware loads, music files, etc. For 8.6 and above 4GB RAM and 146 GB disk drive are minimum required. Use <http://www.cisco.com/go/swonly> to get supported memory and disk part numbers.

| Server Model    | Minimum Memory by Generation  | Minimum Disk Size by Generation   |
|-----------------|---|---|
| <b>MCS 7815</b> | 2 GB<br>For version 8.0(3) through 8.5, 4 GB strongly recommended. 8.6+ not supported, bridge-upgrade-only where indicated, no memory upgrade required  | For version 8.0(3) through 8.5 on 7815-I2, 160 GB strongly recommended. 8.6+ not supported, bridge-upgrade-only where indicated, no disk upgrade required   |
| <b>MCS 7816</b> | 2 GB<br>For version 8.0(3) through 8.5, 4 GB strongly recommended, required for 8.6(1)+   | Note 7816-H3/I3 ship with 160GB drives and 7816-I4/I5 ships with 250GB drive  |
| <b>MCS 7825</b> | 2GB<br>For version 8.0(3) or higher, 4 GB strongly recommended, required for 8.6(1)+  | For version 8.0(3) through 8.5 on 7825-H2/I2, 160GB strongly recommended, required for 8.6(1)+. Note 7825-H4/I4/I5 ship with 250GB drives   |
| <b>MCS 7828</b> | 6 GB for -I3, -H3, -I5<br>8 GB for -I4  | 250 GB  |
| <b>MCS 7835</b> | 2 GB for -H2, -I2 and older. For version 8.0(3) through 8.5, 4 GB strongly recommended, required for 8.6(1)+.<br>4 GB for -I3 and HP DL380G6<br>Note: if you add disk/RAM to a 7835-H2/I2 to make it match configuration of 7835-H2/I2 V02, please update Cisco SmartNet contract coverage with your Service Account Manager to ensure continuity of TAC support and correct RMA's. | 72 GB for -H2, -I2 and older. For version 8.0(3) through 8.5, 146 GB strongly recommended, required for 8.6(1)+<br>146 GB for -I3 and HP DL380G6<br>Note: if you add disk/RAM to a 7835-H2/I2 to make it match configuration of 7835-H2/I2 V02, please update Cisco SmartNet contract coverage with your Service Account Manager to ensure continuity of TAC support and correct RMA's. |
| <b>MCS 7845</b> | 4 GB for -H2, -I2 and older.<br>6 GB for -I3 and HP DL380G6<br>Note: if you add disk/RAM to a 7845-H2/I2 to make it match configuration of 7845-H2/I2 V02, please update Cisco SmartNet contract coverage with your Service Account Manager to ensure continuity of TAC support and correct RMA's.  | 72 GB for -H2, -I2 and older. For version 8.0(3) through 8.5, 146 GB strongly recommended, required for 8.6(1)+<br>146 GB for -I3 and HP DL380G6<br>Note: if you add disk/RAM to a 7845-H2/I2 to make it match configuration of 7845-H2/I2 V02, please update Cisco SmartNet contract coverage with your Service Account Manager to ensure continuity of TAC support and correct RMA's. |

(3) Business Edition 5000 is only supported on MCS 7828. Cisco Unified Communications Manager support of MCS 7828 is only allowed for migration off of a previously installed Business Edition 5000, where the MCS 7828 is to be re-used for Cisco Unified Communications Manager. New purchase of MCS 7828 is only supported for Business Edition 5000.

(4) Virtualization of Cisco Unified Communications in Table 1 requires use of VMware vSphere ESXi or Cisco UC Virtualization Foundation, and is only supported on certain server and storage options and certain hypervisor vendors/products/versions. See <http://www.cisco.com/go/uc-virtualized> for what is supported. Installations on anything not listed at this site or in Table 1 are not supported.

(5) Supported only for "bridged upgrade" to migrate to newer hardware. In a bridged upgrade, you upgrade to the specified Cisco Unified Communications Manager version, make a backup of your software configuration via the Disaster Recovery System utility, reinstall the Cisco Unified Communications Manager version on new hardware, and restore your software configuration from backup. This server is not supported for any other use with Cisco Unified Communications Manager other than this "bridged upgrade" procedure.

(6) Note 9.x software media kits require dual-layer/DL DVD (prior media kits only required single-layer/SL DVD). HP/IBM has shipped many different models of DVD drives on bridge-upgrade-only MCS servers. HP/IBM has not exhaustively identified and tested every DVD model used for DL compatibility, therefore Cisco cannot either. In most cases, a bridge-upgrade-only MCS model should be able to upgrade using a DL DVD, but if the DVD drive will not accept the DL DVD, then it may be one of the unidentified/untested DVD models, and the bridge-upgrade will have to be completed via SFTP or FTP image. Recall 9.x fresh installs are not supported on bridge-upgrade-only servers regardless of the DVD model in use.



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