



Readme for Campus Manager 4.0.12 on Windows

This Readme is for Campus Manager 4.0.12 on Windows. It contains:

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Description

Campus Manager 4.0.12 is a software update for Campus Manager 4.0.10. In addition to the devices supported, this package contains fixes to both existing and newly discovered problems.

You should print out and read this document before installing Campus Manager 4.0.12.

**Caution**

Campus Manager 4.0.12 has specific prerequisites. Before installing Campus Manager 4.0.12, see “[Hardware and Software Requirements](#)” section on page 3.

Related Documentation

[Table 1 on page 4](#) lists the devices supported in Campus Manager 4.0.12.

A list of all devices supported in Campus Manager 4.0.10 is available on Cisco.com.

To access this, go to:

http://cisco.com/en/US/docs/net_mgmt/ciscoverks_campus_manager/4.0.6/device_support/table/cm406sdt.html

For a list of fixes to known problems, see “[Resolved Problems in Campus Manager 4.0.12](#)” section on page 18.

A list of all known and resolved problems in Campus Manager 4.0.10, including the patches containing fixes for known problems rolled into latest SP, is available on Cisco.com.

To access the Readme for Campus Manager 4.0.10 on Windows, go to:

http://www.cisco.com/en/US/docs/net_mgmt/ciscoverks_campus_manager/4.0.10/readme/cm4010wr.html

**Note**

We sometimes update the printed and electronic documentation after original publication. Therefore, we recommend that you also review other documentation for Campus Manager 4.0.6 on Cisco.com for any updates.

Hardware and Software Requirements

Campus Manager 4.0.12 requires that you have installed CiscoWorks Common Services 3.0.6 and Campus Manager 4.0.10.

Hardware and software requirements are the same as those needed for CiscoWorks Common Services 3.0.6 and Campus Manager 4.0.10 installation.

For a detailed list of requirements and instructions to install CiscoWorks Common Services 3.0.6 and Campus Manager 4.0.10, go to Cisco.com:

- For documentation on CiscoWorks Common Services 3.0.6, go to:
http://www.cisco.com/en/US/products/sw/cscowork/ps3996/prod_release_notes_list.html
- You can download Common Services 3.0.6 from:
<http://www.cisco.com/cgi-bin/tablebuild.pl/cd-one-3des>
- For documentation on Campus Manager 4.0.10, go to:
http://www.cisco.com/en/US/products/sw/cscowork/ps563/prod_release_notes_list.html
- You can download Campus Manager 4.0.10 from:
<http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-campus>

Campus Manager 4.0.12 Upgrade Path

Use the table below to verify the upgrade path to Campus Manager 4.0.12:

| If you have installed... | You must install... |
|--------------------------|---|
| CM4.0 | CS3.0.3+CM4.0.3+CS3.0.5+CM4.0.6+CS3.0.6+CM4.0.10+CM4.0.12 |
| CM4.0+CM4.0 SP1 or SP2 | CS3.0.3+CM4.0.3+CS3.0.5+CM4.0.6+CS3.0.6+CM4.0.10+CM4.0.12 |
| CM4.0 SP3 | CM4.0.5+CS3.0.5+CM4.0.6+ CS3.0.6+CM4.0.10+CM4.0.12 |
| CM4.0 SP3 + CM4.0 SP4 | CM4.0.5+CS3.0.5+CM4.0.6+ CS3.0.6+CM4.0.10+CM4.0.12 |
| CM4.0.5 | CS3.0.5+CM4.0.6+ CS3.0.6+CM4.0.10+CM4.0.12 |
| CM4.0.6 or higher | CS3.0.6+CM4.0.10+CM4.0.12 |
| CM4.0.10 | CM4.0.12 |

Patches Rolled into Campus Manager 4.0.12

There are no patches, containing fixes to bugs, that have been rolled into Campus Manager 4.0.12.

Supported Devices in Campus Manager 4.0.12

Table 1 lists the devices supported in Campus Manager 4.0.12.

For a list of all devices supported in Campus Manager 4.0.10, see the Supported Devices Table for Campus Manager 4.0.6 on Cisco.com (see the [“Related Documentation”](#) section on page 2).

Table 1 Supported Devices in Campus Manager 4.0.12

| Device Type | Devices/ Modules Supported | sys ObjectID | Topology | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analysis | Minimum Software |
|---|---|----------------------------|----------|-----------|-----------|----------|---------------|---------------|------------------|
| Cisco MDS 9000 Series Multilayer Switches | Cisco MDS 9222i Multi-service Modular Switch | 1.3.6.1.4.1.9.12.3.1.3.651 | Yes | NA | NA | NA | NA | Yes | SAN-OS 3.2(3a) |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861-UC-2B-K9) | 1.3.6.1.4.1.9.1.902 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861-UC-4F-K9) | 1.3.6.1.4.1.9.1.903 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861-SRST-2BK9) | 1.3.6.1.4.1.9.1.904 | Yes | NA | NA | NA | NA | Yes | 12.4(11)XW6 |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861-SRST-4FK9) | 1.3.6.1.4.1.9.1.905 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861-SRST-CUE-2BK9) | 1.3.6.1.4.1.9.1.939 | Yes | NA | NA | NA | NA | Yes | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Supported | sys ObjectID | Topology | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analysis | Minimum Software |
|---------------------------|---|---------------------|----------|-----------|-----------|----------|---------------|---------------|------------------|
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861-SRST-CUE-4FK9) | 1.3.6.1.4.1.9.1.940 | Yes | NA | NA | NA | NA | Yes | 12.4(11)XW6 |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861 W-SRST-CUE-4FK9) | 1.3.6.1.4.1.9.1.990 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861 W-SRST-CUE-2BK9) | 1.3.6.1.4.1.9.1.991 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861 W-SRST-4FK9) | 1.3.6.1.4.1.9.1.992 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861 W-SRST-2BK9) | 1.3.6.1.4.1.9.1.993 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1861 Integrated Services Router (CISCO1861 W-UC-4FK9) | 1.3.6.1.4.1.9.1.994 | Yes | NA | NA | NA | NA | Yes | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Sup- ported | sys ObjectID | Topol- ogy | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analy- sis | Minimum Soft- ware |
|---|---|---------------------|---------------|--------------|--------------|-------------|------------------|-----------------------|-----------------------|
| Cisco 1800 Series Routers | Cisco 1861 In- tegrated Services Router (CISCO1861 W-UC-2BK9) | 1.3.6.1.4.1.9.1.995 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 1800 Series Routers | Cisco 1801M Integrated Services Router | 1.3.6.1.4.1.9.1.783 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco Carrier Routing System | Cisco CRS-1 4-Slot Sin- gle-Shelf System | 1.3.6.1.4.1.9.1.822 | Yes | NA | NA | NA | NA | Yes | 3.5.2 |
| Cisco Carrier Routing System | Cisco CRS-1 16-Slot Sin- gle-Shelf System | 1.3.6.1.4.1.9.1.613 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco Carrier Routing System | Cisco CRS-1 8-Slot Sin- gle-Shelf System | 1.3.6.1.4.1.9.1.643 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Switch Module 3110G for IBM Blade- Center (WS-CBS311 0G-S) | 1.3.6.1.4.1.9.1.909 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Switch Module 3110G for IBM Blade- Center (WS-CBS311 0G-ST) | 1.3.6.1.4.1.9.1.910 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Sup- ported | sys ObjectID | Topol- ogy | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analy- sis | Minimum Soft- ware |
|---|--|---------------------|---------------|--------------|--------------|-------------|------------------|-----------------------|-----------------------|
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Switch Module 3110X for IBM Blade-Center (WS-CBS3110X-S) | 1.3.6.1.4.1.9.1.911 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Switch Module 3110X for IBM Blade-Center (WS-CBS3110X-ST) | 1.3.6.1.4.1.9.1.912 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3120G for HP (WS-CBS3120G-S) | 1.3.6.1.4.1.9.1.918 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3120X for HP (WS-CBS3120X-S) | 1.3.6.1.4.1.9.1.919 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3032 for Dell M1000E (WS-CBS3032-DEL) | 1.3.6.1.4.1.9.1.920 | Yes | Yes | NA | NA | Yes ¹ | Yes | 12.2(40)EX |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3130G for Dell M1000E (WS-CBS3130G-S) | 1.3.6.1.4.1.9.1.921 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Sup- ported | sys ObjectID | Topol- ogy | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analy- sis | Minimum Soft- ware |
|---|--|----------------------|---------------|--------------|--------------|-------------|------------------|-----------------------|-----------------------|
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3130X for Dell M1000E (WS-CBS3130X-S) | 1.3.6.1.4.1.9.1.922 | Yes | Yes | NA | NA | Yes ¹ | Yes | --- |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Switch Module 3110X for IBM Blade-Center (CBS3110-STACK) | 1.3.6.1.4.1.9.1.947 | Yes | Yes | NA | NA | Yes ¹ | Yes | --- |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3120X for HP (CBS3120-STACK) | 1.3.6.1.4.1.9.1.948 | Yes | Yes | NA | NA | Yes ¹ | Yes | 12.2(0.0.89)EX |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3130X for Dell M1000E (CBS3130-STACK) | 1.3.6.1.4.1.9.1.949 | Yes | Yes | NA | NA | Yes ¹ | Yes | 12.2(0.0.89)EX |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Switch Module 3012 (WS-CBS3012-IBM) | 1.3.6.1.4.1.9.1.999 | Yes | Yes | NA | NA | Yes ¹ | Yes | --- |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Switch Module 3012 for IBM BladeCenter (WS-CBS3012-IBM-I) | 1.3.6.1.4.1.9.1.1000 | Yes | Yes | NA | NA | Yes ¹ | Yes | --- |
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3125G for HP (WS-CBS3125-G) | 1.3.6.1.4.1.9.1.1001 | Yes | Yes | NA | NA | Yes ¹ | Yes | --- |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Supported | sys ObjectID | Topology | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analysis | Minimum Software |
|---|---|----------------------|----------|-----------|-----------|----------|------------------|---------------|------------------|
| Cisco Catalyst Blade Switch 3000 Series | Cisco Catalyst Blade Switch 3125X for HP (WS-CBS3125-X) | 1.3.6.1.4.1.9.1.1002 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco 800 Series Routers | Cisco 881 Integrated Services Router | 1.3.6.1.4.1.9.1.837 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 800 Series Routers | Cisco 877M Integrated Services Router | 1.3.6.1.4.1.9.1.782 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 800 Series Routers | Cisco 885 Integrated Services Router (C885-D-3) | 1.3.6.1.4.1.9.1.859 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 800 Series Routers | Cisco 885 Integrated Services Router (C885-E/J-3) | 1.3.6.1.4.1.9.1.861 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 800 Series Routers | Cisco 886 Integrated Services Router | 1.3.6.1.4.1.9.1.842 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 800 Series Routers | Cisco 887 Integrated Services Routers | 1.3.6.1.4.1.9.1.847 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco 800 Series Routers | Cisco 888 Integrated Services Router | 1.3.6.1.4.1.9.1.852 | Yes | NA | NA | NA | NA | Yes | 12.4(15)XZ |
| Cisco 800 Series Routers | Cisco 881SRST Integrated Services Router | 1.3.6.1.4.1.9.1.840 | Yes | NA | NA | NA | NA | Yes | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Sup- ported | sys ObjectID | Topol- ogy | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analy- sis | Minimum Soft- ware |
|---|--|--------------------------------|---------------|--------------|--------------|-------------|------------------|-----------------------|-----------------------|
| Cisco 800 Series Routers | Cisco 888SRST In- tegrated Services Router | 1.3.6.1.4.1.9.1.856 | Yes | NA | NA | NA | NA | Yes | — |
| Data Center Switches | Cisco Nexus 5020 Switch-AC | 1.3.6.1.4.1.9.12.3.1.3.7 19 | Yes | NA | NA | NA | NA | NA | 4.0.0.N1.1a |
| Data Center Switches | Cisco Nexus 5020 Switch-DC | 1.3.6.1.4.1.9.12.3.1.3.7 20 | Yes | NA | NA | NA | NA | NA | — |
| Data Center Switches | Cisco Nexus 7000 10-Slot Switch | 1.3.6.1.4.1.9.12.3.1.3.6 12 | Yes | NA | NA | NA | NA | NA | 4.0.(2) |
| Cisco IE 3000 Series Switches | Cisco IE 3000- 4TC In- dustrial Ethernet Switch | 1.3.6.1.4.1.9.1.958 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco IE 3000 Series Switches | Cisco IE 3000-8TC In- dustrial Ethernet Switch | 1.3.6.1.4.1.9.1.959 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Rockwell Stratix 8000 Series Switches | Rockwell Stratix MS06T | 1.3.6.1.4.1.9.1.960 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Rockwell Stratix 8000 Series Switche | Rockwell Stratix MS10T | 1.3.6.1.4.1.9.1.961 | Yes | Yes | NA | NA | Yes ¹ | Yes | 12.2EX |
| Cisco ONS 15300 Series | Cisco ONS 15305 Multi- service Customer Access Platform | 1.3.6.1.4.1.7546.1.4.1.1 .3 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco Aironet 1250 Series | Cisco Aironet 1250 Series Access Point | 1.3.6.1.4.1.9.1.758 | Yes | NA | NA | NA | NA | Yes | 12.4.10b-JA |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Supported | sys ObjectID | Topology | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analysis | Minimum Software |
|--|--|---------------------|----------|-----------|-----------|----------|------------------|---------------|------------------|
| Cisco 12000 Series Routers | Cisco 12006 Router | 1.3.6.1.4.1.9.1.590 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco ME 2400 Series Ethernet Access Switches | Cisco ME 2400-24TS-D Switch | 1.3.6.1.4.1.9.1.735 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco ME 4900 Series Ethernet Switches | Cisco ME 4924-10GE Switch | 1.3.6.1.4.1.9.1.788 | Yes | Yes | NA | NA | Yes ¹ | Yes | — |
| Cisco ASR 1000 Series Aggregation Services Routers | Cisco ASR 1002 Router | 1.3.6.1.4.1.9.1.923 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco ASR 1000 Series Aggregation Services Routers | Cisco ASR 1004 Router | 1.3.6.1.4.1.9.1.924 | Yes | NA | NA | NA | NA | Yes | — |
| Cisco-Works Wireless LAN Solution Engine | CiscoWorks 1130 for Wireless LAN Solution Engine | 1.3.6.1.4.1.9.1.630 | Yes | NA | NA | NA | NA | NA | — |
| Cisco-Works Wireless LAN Solution Engine | CiscoWorks 1030 for Wireless LAN Solution Engine | 1.3.6.1.4.1.9.1.631 | Yes | NA | NA | NA | NA | NA | — |
| Cisco-Works Wireless LAN Solution Engine | Cisco Wireless LAN Solution Engine S20 | 1.3.6.1.4.1.9.1.709 | Yes | NA | NA | NA | NA | NA | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Sup- ported | sys ObjectID | Topol- ogy | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analy- sis | Minimum Soft- ware |
|--|--|---------------------|---------------|--------------|--------------|-------------|------------------|-----------------------|-----------------------|
| Cisco- Works Wireless LAN Solution Engine | CiscoWorks 1133 for Wireless LAN Solution Engine | 1.3.6.1.4.1.9.1.752 | Yes | NA | NA | NA | NA | NA | — |
| Cisco Services Modules | Cisco Branch Routers Series Network Analysis Module (NME-NAM) | 1.3.6.1.4.1.9.1.826 | Yes | NA | NA | NA | NA | Yes | 3.6 |
| Cisco 7800 Series Media Conver- gence Servers | Cisco 7815I Media Con- vergence Server | 1.3.6.1.4.1.9.1.582 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Conver- gence Servers | Cisco 7825H Media Con- vergence Server | 1.3.6.1.4.1.9.1.583 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Conver- gence Servers | Cisco 7825I Media Con- vergence Server | 1.3.6.1.4.1.9.1.746 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Conver- gence Servers | Cisco 7835H Media Con- vergence Server | 1.3.6.1.4.1.9.1.584 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Conver- gence Servers | Cisco 7835I Media Con- vergence Server | 1.3.6.1.4.1.9.1.585 | Yes | NA | NA | NA | Yes ¹ | NA | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Supported | sys ObjectID | Topology | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analysis | Minimum Software |
|---|--|---------------------|----------|-----------|-----------|----------|------------------|---------------|---------------------------------------|
| Cisco 7800 Series Media Convergence Servers | Cisco 7845H Media Convergence Server | 1.3.6.1.4.1.9.1.586 | Yes | NA | NA | NA | Yes ¹ | NA | CUCM 6.1.1 CUCM 7.0.0 ² |
| Cisco 7800 Series Media Convergence Servers | Cisco 7845I Media Convergence Server | 1.3.6.1.4.1.9.1.587 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Convergence Servers | Cisco 7855I Media Convergence Server | 1.3.6.1.4.1.9.1.588 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Convergence Servers | Cisco 7865I Media Convergence Server | 1.3.6.1.4.1.9.1.589 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Convergence Servers | Cisco 7828I Media Convergence Server (IBM) | 1.3.6.1.4.1.9.1.899 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Convergence Servers | Cisco 7816I Media Convergence Server (IBM) | 1.3.6.1.4.1.9.1.898 | Yes | NA | NA | NA | Yes ¹ | NA | — |
| Cisco 7800 Series Media Convergence Servers | Cisco 7816H Media Convergence Server (HP) | 1.3.6.1.4.1.9.1.900 | Yes | NA | NA | NA | Yes ¹ | NA | — |

Table 1 Supported Devices in Campus Manager 4.0.12 (continued)

| Device Type | Devices/ Modules Supported | sys ObjectID | Topology | VLAN Mgmt | LANE Mgmt | ATM Mgmt | User Tracking | Path Analysis | Minimum Software |
|---|---|----------------------------|----------|-----------|-----------|----------|------------------|---------------|------------------|
| Cisco 7800 Series Media Convergence Servers | Cisco 7828H Media Convergence Server (HP) | 1.3.6.1.4.1.9.1.901 | Yes | NA | NA | NA | Yes ¹ | NA | --- |
| Cisco Unified IP Phones 7900 Series | Cisco Unified IP Phone 7941G | --- | NA | NA | NA | NA | Yes | NA | --- |
| Cisco Unified IP Phones 7900 Series | Cisco Unified IP Phone 7961G | --- | NA | NA | NA | NA | Yes | NA | --- |
| Cisco MDS 9000 Series Multilayer Switches | Cisco MDS 9124e Multi-layer Fabric Switch | 1.3.6.1.4.1.9.12.3.1.3.606 | Yes | NA | NA | NA | NA | Yes | --- |
| Cisco MDS 9000 Series Multilayer Switches | Cisco MDS 9134 Multi-layer Fabric Switch | 1.3.6.1.4.1.9.12.3.1.3.616 | Yes | NA | NA | NA | NA | Yes | --- |

1. IP Phones supported.
2. The device Cisco 7845H Media Convergence Server has been tested on the softwares Cisco Unified Communications Manager Version 6.1.1 and Version 7.0.0.

Downloading Campus Manager 4.0.12

You can download the Campus Manager 4.0.12 installer file, cwcm4_0_12_win.zip, by either:

- [Downloading From Cisco.com](#)

Or

- [Downloading From Software Center](#)

Downloading From Cisco.com

You can download the updates:

- From the Software Downloads page
From the Cisco.com home page, select **Products & Solutions > Network Management > All Network Management Products > CiscoWorks Campus Manager > Download Software** to access the Software Downloads page.

Or

- From <http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-campus>

To download the file from Cisco.com:

-
- Step 1** Locate the package file cwcm4_0_12_win.zip.
 - Step 2** Save the file to a temporary working area of your server.
-

Downloading From Software Center

To download the file from Software Center:

-
- Step 1** Go to the CiscoWorks homepage and select **Common Services > Software Center > Software Update**. The Software Updates page appears.
 - Step 2** Check the Campus manager check box in the Products Installed table, and click **Select Updates**. The CCO and Proxy Server Credentials page appears.
You are prompted to enter your Cisco.com User Name and Password. If you have configured proxy settings, you are prompted to enter the Proxy Server User credentials.
You can configure your Proxy Server User credentials from the Proxy Server Setup page.
To access the Proxy Server Setup page, go to the CiscoWorks Homepage and select **Common Services > Server > Security > Cisco.com Connection Management > Proxy Server Setup**.
The Proxy Server Setup page appears. Enter the required information in the page to configure your Proxy Server settings.
 - Step 3** Enter the required credentials, and click **Next**.
The Available Images page appears with packages for both Windows and Solaris (cwcm4_0_12_win.zip and cwcm4_0_12_sol.zip).
 - Step 4** Select cwcm4_0_12_win.zip and click **Next**.
The Destination Location page appears.
 - Step 5** Enter the location or browse to the location using the Browse button.

Step 6 Click **Next**.

The Summary page appears. The Summary window displays a summary of your inputs.

Step 7 Click **Finish** to confirm the download operations.

The package file is downloaded to the directory that you selected, in the folder cm.

Installing Campus Manager 4.0.12

Before you install Campus Manager 4.0.12, make sure your installation environment meets the requirements described in “[Hardware and Software Requirements](#)” section on page 3.

To install Campus Manager 4.0.12:

Step 1 Log into the machine as local administrator.**Step 2** Navigate to the directory that contains the zip file that you have downloaded.**Step 3** Unzip the package file cwcm4_0_12_win.zip to your temporary directory.**Step 4** Navigate to the temporary directory where you have extracted the files packaged in the installer.**Step 5** Double-click the file cwcm4_0_12_win.exe, to begin installation.

A prompt appears:

```
This will install Campus Manager 4.0.12. Do you want to proceed?
```

Step 6 Click **Yes** to continue or click **No** to exit the setup.

If you have not installed Common Services 3.0.6, this message appears:

```
Install CiscoWorks Common Services 3.0.6 before installing Campus Manager 4.0.12.
```

The installation terminates when you click **OK**.

Common Services 3.0.6 is a service pack release over Common Services 3.0.5.

You can download Common Services 3.0.6 from:

<http://www.cisco.com/cgi-bin/tablebuild.pl/cd-one-3des>

For details on installing Common Services 3.0.6, see the Readme for Common Services 3.0.6 on Windows at the following location:

http://www.cisco.com/en/US/docs/net_mgmt/ciscoverks_common_services_software/3.0.6/readme/windows/guide/cs306win.html

If you have not installed Campus Manager 4.0.10, this message appears:

```
Install Campus Manager 4.0.10 before installing Campus Manager 4.0.12.
```

The installation terminates when you click **OK**.

Campus Manager 4.0.10 is a software update for Campus Manager 4.0.6.

You can download Campus Manager 4.0.10 from:

<http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-campus>

For details on installing Campus Manager 4.0.10, see the Readme for Campus Manager 4.0.10 on Windows at the following location:

http://www.cisco.com/en/US/docs/net_mgmt/ciscoverks_campus_manager/4.0.10/readme/cm4010wr.html

After installing Common Services 3.0.6 and Campus Manager 4.0.10, resume from [Step 5](#).

Step 7 Click **Next** in the Welcome Screen to continue your installation.

The Software License Agreement dialog box appears.

Step 8 You should click either:

- **Accept** to continue

or

- **Do Not Accept** to exit the setup

The System Requirements window appears and the installation checks whether the system requirements are met.

- If there is not enough disk space to install Campus Manager 4.0.12, the installation displays an error message and stops.
- If the minimum requirements are not met, the installation displays an error message and exits the setup.

Step 9 Click **Next**.

The Daemons Restart Options dialog box appears with the following message:

If no other CiscoWorks application installations are pending, you can choose to start CiscoWorks Daemons.

Do you want to restart CiscoWorks Daemons at the end of this installation?

If you want to start CiscoWorks daemons, click Yes.

If you do not want to start CiscoWorks daemons, click No.

Step 10 You should click either:

- **Yes** to restart CiscoWorks daemons

or

- **No** if you have any other installations pending

A Summary dialog box displaying the current settings for installation appears.

Step 11 Click **Next**.

The Setup Complete dialog box appears with the message:

Setup is complete. Click Finish to start CiscoWorks.

Step 12 Click **Finish** to complete and quit the installation.

To ensure that the installation is successful, go to **Common Services > Software Center > Software Update**. Click **Campus Manager** and ensure that the Patches Installed table displays Campus Manager 4.0.12.

Reinstalling Campus Manager 4.0.12

To reinstall Campus Manager 4.0.12, follow the instructions in the [“Installing Campus Manager 4.0.12” section on page 16](#).

Known Problems in Campus Manager 4.0.12

Known problems are unexpected behaviors or defects in Campus Manager software releases.

For a list of known problems in Campus Manager 4.0.10, see *Release Notes for Campus Manager 4.0.10* on Cisco.com (see [“Related Documentation” section on page 2](#)).

[Table 2](#) lists the Known problems in Campus Manager 4.0.12

Table 2 *Known Problems in Campus Manager 4.0.12*

| Bug ID | Summary |
|------------|---|
| CSCsr38459 | Single virtual interface is displayed twice in the port attributes list. For Cat2970 and IE 3000 category devices, single port is displayed twice in the port attributes list. |

Resolved Problems in Campus Manager 4.0.12

[Table 3](#) lists the resolved problems in Campus Manager 4.0.12.

Table 3 *Resolved Problems in Campus Manager 4.0.12*

| Bug ID | Summary |
|------------|--|
| CSCsq04946 | ILMI links cause Data Collection to crash. When you upgrade to Campus Manager 4.0.10 or 4.0.11 and if there are ATM ILMI links in the network, Data Collection runs forever and the following error is seen in the ani.log: java.lang.NoSuchMethodError |
| CSCsq79950 | Campus Manager does not support VLANs greater than 1024 on 2950 series switches. It occurs for all 2950 series switches which are configured for extended VLANs (those with IDs greater than 1024). It leads to false trunk VLAN mismatch discrepancies and incomplete VLAN topology Data Collection. |
| CSCso66536 | While running Path Analysis, Ani.log file size grows to several Gigabytes. This happens when you have CM: 5.0.2 (LMS: 3.0.1) installed on Solaris. |
| CSCsj72047 | Groups created in CS are not available in CM after restarting daemons. After restarting the Daemon Manager, the Common Services' user defined groups are no longer available from Campus Manager; membership details for these groups show empty results. |
| CSCsr41905 | Subnet acquisition may hang or run out of memory. When User Tracking Subnet Discovery is enabled, end host acquisitions may take up a large amount of memory, and run for a long time. If the amount of memory required is greater than the allowed UTMajorAcquisition heap size, then UT will die with an OutOfMemoryError. |
| CSCsj89694 | Path Analysis cannot determine ifIndex (-1) for L2 switches. For l2 switches, the source ifIndex is set to -1 in path because of which path failed to draw the l2 trace. |

Frequently Asked Questions

- [Q.How will I know which version of Campus Manager I have installed?](#)
- [Q.I do not want support for all the devices that you have supported in Campus Manager 4.0.12. Can I select only the devices I want?](#)
- [Q.Where can I find device support for CiscoView, Device Fault Manager, or Resource Manager Essentials?](#)
- [Q.Where can I find information on the supported devices for Campus Manager 4.0.12?](#)

Q. How will I know which version of Campus Manager I have installed?

A. To check the version of Campus Manager installed on your system, from the CiscoWorks desktop, select **Common Services > Software Center > Software Update > Campus Manager**.

The Patches Installed table displays the installed version of the applications.

| If Patches Installed Table Displays | Campus Manager Version Installed is... |
|-------------------------------------|--|
| Campus Manager - 4.0.12 | 4.0.12 |

Q. I do not want support for all the devices that you have supported in Campus Manager 4.0.12. Can I select only the devices I want?

A. No. The present installation framework does not support this feature. Even if you do not have all the supported devices, installing Campus Manager 4.0.12 will not adversely affect your network.

Q. Where can I find device support for CiscoView, Device Fault Manager, or Resource Manager Essentials?

A. The device support packages are available at the following locations:

| Application | Location is... |
|-----------------------------|---|
| CiscoView | http://www.cisco.com/cgi-bin/Software/CiscoView/cvplanner.cgi |
| Device Fault Manager | http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm |
| Resource Manager Essentials | http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme |

Q. Where can I find information on the supported devices for Campus Manager 4.0.12?

A. You can find the latest information on supported devices for Campus Manager 4.0.12 on Cisco.com.

To access this, either:

- Go to the Cisco.com home page and select **Products & Solutions > Network Management > All Network Management Products > CiscoWorks Campus Manager**.
- From the Technical Documentation & Tools section, select **General Information > Compatibilty Information > Supported Devices Table for Campus Manager 4.0.12**.

Or

- Go to

- http://www.cisco.com/en/US/products/sw/cscowork/ps563/products_device_support_tables_list.html



Note

The Supported Devices Table for Campus Manager 4.0.6 contains the information on device support for Campus Manager 4.0.12 .
