



Readme for Campus Manager 4.0.11 on Solaris

This Readme is for Campus Manager 4.0.11 on Solaris. It contains:

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Description

Campus Manager 4.0.11 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 4.0.11.

**Caution**

Campus Manager 4.0.11 has specific prerequisites. Before installing Campus Manager 4.0.11, see “[Hardware and Software Requirements](#)” section on page 3.

Related Documentation

[Table 1 on page 4](#) lists the devices supported in Campus Manager 4.0.11.

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 Problem in Campus Manager 4.0.11](#)” section on page 14.

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 Release Notes for Campus Manager 4.0.10 on Solaris, go to:

http://cisco.com/en/US/docs/net_mgmt/ciscoverks_campus_manager/4.0.10/readme/cm4010srm.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 4.0.10 on Cisco.com for any updates.

Hardware and Software Requirements

Campus Manager 4.0.11 requires that you have installed Common Services 3.0.6 and Campus Manager 4.0.10.

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

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

- For documentation on 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 4.0.11 Upgrade Path

Use the table below to verify the upgrade path to Campus Manager 4.0.11:

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+CM4.0.11
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+CM4.0.11
CM4.0 SP3	CM4.0.5+CS3.0.5+CM4.0.6+ CS3.0.6+CM4.0.10+CM4.0.11
CM4.0 SP3 + CM4.0 SP4	CM4.0.5+CS3.0.5+CM4.0.6+ CS3.0.6+CM4.0.10+CM4.0.11
CM4.0.5	CS3.0.5+CM4.0.6+ CS3.0.6+CM4.0.10+CM4.0.11
CM4.0.6 or higher	CS3.0.6+CM4.0.10+CM4.0.11
CM4.0.10	CM4.0.11

Patches Rolled into Campus Manager 4.0.11

There are no patches, containing fixes for the bugs, rolled into Campus Manager 4.0.11.

Supported Devices in Campus Manager 4.0.11

Table 1 lists the devices supported in Campus Manager 4.0.11.

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 4.0.11*

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 9124 Multilayer Fabric Switch	1.3.6.1.4.1.9.12.3.1.3.587	Yes	NA	NA	NA	NA	Yes	SAN-OS 2.0(3)
Cisco 1800 Series Routers	Cisco 1805 Integrated Services Router	1.3.6.1.4.1.9.1.981	Yes	NA	NA	NA	NA	Yes	12.4(15) XY
Cisco Wide Area Application Engine (WAE) Appliances	Cisco WAE-512 Wide Area Application Engine	1.3.6.1.4.1.9.1.776	Yes	NA	NA	NA	NA	Yes	oe512-4.0.13.23
	Cisco WAE-612 Wide Area Application Engine	1.3.6.1.4.1.9.1.777	Yes	NA	NA	NA	NA	Yes	oe612-4.0.13.23
	Cisco WAE-7326 Wide Area Application Engine	1.3.6.1.4.1.9.1.787	Yes	NA	NA	NA	NA	Yes	oe7326-4.0.13.23
	Cisco WAE-611 Wide Area Application Engine	1.3.6.1.4.1.9.1.786	Yes	NA	NA	NA	NA	Yes	

Table 1 Supported Devices in Campus Manager 4.0.11 (continued)

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Path Analysis	Minimum Software
Cisco Catalyst 3750 Series Switches	Cisco Catalyst 3750G-24 Switch	1.3.6.1.4.1.9.1.511	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750G-48 Switch	1.3.6.1.4.1.9.1.512	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750-24TS Switch	1.3.6.1.4.1.9.1.513	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750G-24T Switch	1.3.6.1.4.1.9.1.514	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750-48PS Switch	1.3.6.1.4.1.9.1.535	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750G-24PS Switch	1.3.6.1.4.1.9.1.602	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750G-48PS Switch	1.3.6.1.4.1.9.1.603	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750G-48TS Switch	1.3.6.1.4.1.9.1.604	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750G-24TS-1U Switch	1.3.6.1.4.1.9.1.624	Yes	Yes	NA	NA	Yes ¹	Yes	

Table 1 Supported Devices in Campus Manager 4.0.11 (continued)

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Path Analy- sis	Mini- mum Soft- ware
Cisco Catalyst 3750 Series Switches	Cisco Catalyst 3750-24FS Switch	1.3.6.1.4.1.9.1.656	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 3750G-24W S-S25 Switch	1.3.6.1.4.1.9.1.778	Yes	NA	NA	NA	NA	Yes	
	Cisco Catalyst 3750G-24W S-S50 Switch	1.3.6.1.4.1.9.1.779	Yes	NA	NA	NA	NA	Yes	
Cisco Catalyst 6500 Series Switches	Cisco Catalyst 6509-V-E Switch	1.3.6.1.4.1.9.1.832	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(18) SXF10
Cisco 7600 Series Routers	Cisco 7606-S Router	1.3.6.1.4.1.9.1.863	Yes	Yes	NA	NA	Yes ¹	Yes	12.2.33S RB1
	Cisco 7609S Router	1.3.6.1.4.1.9.1.864	Yes	Yes	NA	NA	Yes ¹	Yes	12.2.33S RB1
Cisco 7200 Series Routers	Cisco 7201 Router	1.3.6.1.4.1.9.1.821	Yes	NA	NA	NA	Yes ¹	Yes	12.2.31S B5

Table 1 Supported Devices in Campus Manager 4.0.11 (continued)

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Path Analysis	Minimum Software
Cisco Catalyst 4500 Series Switches	Cisco Catalyst 4506-E Switch	1.3.6.1.4.1.9.1.875	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(40) SG
	Cisco Catalyst 4510R-E Switch	1.3.6.1.4.1.9.1.877	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(40) SG
	Cisco Catalyst 4503-E Switch	1.3.6.1.4.1.9.1.874	Yes	Yes	NA	NA	Yes ¹	Yes	
	Cisco Catalyst 4507R-E Switch	1.3.6.1.4.1.9.1.876	Yes	Yes	NA	NA	Yes ¹	Yes	
Cisco Interface Cards	Cisco 3205 Wireless Mobile Interface Card (WMIC)	1.3.6.1.4.1.9.1.819	Yes	NA	NA	NA	NA	Yes	12.3
	Cisco 3202 Wireless Mobile Interface Card (WMIC)	1.3.6.1.4.1.9.1.667	Yes	NA	NA	NA	NA	Yes	
Cisco Catalyst 2960 Series Switches	Cisco Catalyst 2960-24PC-L Switch	1.3.6.1.4.1.9.1.950	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(44) SE
	Cisco Catalyst 2960-24LT-L Switch	1.3.6.1.4.1.9.1.951	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(44) SE
	Cisco Catalyst 2960PD-8TT-L Compact Switch	1.3.6.1.4.1.9.1.952	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(44) SE

Table 1 Supported Devices in Campus Manager 4.0.11 (continued)

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Path Analy- sis	Mini- mum Soft- ware
Cisco Network Modules	Cisco 2600,2800,3 700,3800 Series 16-Port EtherSwitch Service Module	1.3.6.1.4.1.9.1.702	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(25) SEC
	Cisco 2600,2800,3 700,3800 Series 16-Port EtherSwitch Service Module	1.3.6.1.4.1.9.1.663	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(25) SEC
	Cisco 2800,3800 Series 23-Port EtherSwitch Service Module	1.3.6.1.4.1.9.1.664	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(25) SEC
	Cisco 2851,3800 Series 24-Port EtherSwitch (with Stackwise Connectors) Service Module	1.3.6.1.4.1.9.1.665	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(25) SEC
	Cisco 2851,3800 Series 48-Port EtherSwitch Service Module	1.3.6.1.4.1.9.1.666	Yes	Yes	NA	NA	Yes ¹	Yes	12.2(25) SEC
	Cisco 2100 Series Wireless LAN Con- trollers	Cisco 2106 Wireless LAN Con- troller	1.3.6.1.4.1.9.1.828	Yes	NA	NA	NA	NA	Yes

Table 1 Supported Devices in Campus Manager 4.0.11 (continued)

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Path Analysis	Minimum Software
Cisco Catalyst 6500 Series Service Modules	WS-SVC-WISM-1-K9	NA	Yes	NA	NA	NA	NA	NA	SWISM K9-32 or later (Parent-device: 12.2(18)SX F10a)
	SAMI	1.3.6.1.4.1.9.1.744	Yes	NA	NA	NA	NA	Yes	BWG 1.0, HA4.0
Cisco Catalyst 3560-E Series Switches	Cisco Catalyst 3560E-12SD-E Switch	1.3.6.1.4.1.9.1.956	Yes	Yes	NA	NA	Yes ¹	Yes	
Cisco 600 Series Content Engines	Cisco 611 Content Engine	1.3.6.1.4.1.9.1.708	Yes	NA	NA	NA	NA	Yes	
Cisco ME 3400 Series Ethernet Access Switches	Cisco ME 3400-24FS-A Switch	1.3.6.1.4.1.9.1.873	Yes	Yes	NA	NA	Yes ¹	Yes	
Cisco 3200 Series Mobile Access Routers	Cisco 3270 Rugged Router	1.3.6.1.4.1.9.1.689	Yes	NA	NA	NA	NA	Yes	
Cisco Catalyst 4900 Series Switches	Cisco Catalyst 4900M Switch	1.3.6.1.4.1.9.1.917	Yes	Yes	NA	NA	NA	Yes	
Cisco 4400 series Wireless LAN Controllers	Cisco 4402 Wireless LAN Controller	1.3.6.1.4.1.14179.1.1.4.3	Yes	NA	NA	NA	NA	Yes	4.1.171.0

Table 1 Supported Devices in Campus Manager 4.0.11 (continued)

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Path Analysis	Minimum Software
Cisco ASR 1000 Series Aggregation Services Routers	Cisco ASR 1006 Router	1.3.6.1.4.1.9.1.925	Yes	NA	NA	NA	NA	Yes	IOS XE (2.1)
Cisco Wireless LAN Controller Modules	Integrated service router series 2800,3800 with Wireless LAN Controller Network Module	1.3.6.1.4.1.9.1.818	Yes	NA	NA	NA	NA	Yes	
Cisco Services Modules	Cisco Catalyst 6500, 7600 Series Wireless Services Module	1.3.6.1.4.1.14179.1.1.4.4	Yes	NA	NA	NA	NA	Yes	

1 IP Phones are supported.

Downloading Campus Manager 4.0.11

You can download the Campus Manager 4.0.11 installer file, cwcm4_0_11_sol.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_11_sol.zip.
- Step 2** Right-click the package file.
Depending on your browser, select either **Save Link As...** or **Save Target As...** to download 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 Solaris and Windows (cwcm4_0_11_sol.zip and cwcm4_0_11_win.zip).
- Step 4** Select cwcm4_0_11_sol.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 4.0.11

Before you install Campus Manager 4.0.11, make sure your installation environment meets the requirements described in “[Hardware and Software Requirements](#)” section on page 3.

To install Campus Manager 4.0.11:

Step 1 Log in as root on the system**Step 2** Go to the directory where cwcm4_0_11_sol.zip has been downloaded.**Step 3** Unzip the file to your temporary working area by entering:

```
# unzip cwcm4_0_11_sol.zip -d/your_temporary_directory
```

The files are extracted in *your_temporary_directory*.

Step 4 Go to *your_temporary_directory* and run the installation setup script by entering:

```
# ./setup.sh
```

A prompt appears:

Press Enter to read/browse the following license agreement:

Step 5 Press **Enter** to read the license agreement.

The following message appears at the end of the license agreement:

You must accept this License agreement to proceed with the installation. If you enter N/n, the installation will exit.

Do you accept all the terms of the preceding License agreement?

(y/n) [n]

Step 6 You should enter either:

- **y** to accept the license agreement and proceed with the installation

Or

- **n** to deny and quit the installation.

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

Install CiscoWorks Common Services 3.0.6 before installing Campus Manager 4.0.11.

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 Solaris at the following location:

http://www.cisco.com/en/US/docs/net_mgmt/ciscoworks_common_services_software/3.0.6/readme/solaris/guide/cs306sol.html

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

Install Campus Manager 4.0.10 before installing Campus Manager 4.0.11.

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 Solaris at the following location:

http://www.cisco.com/en/US/docs/net_mgmt/ciscoworks_campus_manager/4.0.10/readme/cm4010srm.html

After installing Common Services 3.0.6 and Campus Manager 4.0.10, resume from [Step 4](#).

The installation program checks whether dependencies and system requirements are met:

- If there is not enough disk space to install Campus Manager 4.0.11, the installation program displays an error message and stops.
- If the minimum requirements are not met, the installation program displays a warning message and continues with the installation.

Step 7 Select whether you want to restart CiscoWorks daemon after installation, when this prompt appears:

Do you want to restart CiscoWorks Daemons at the end of this installation?(y/n) [n]:

If you select **y**, CiscoWorks daemons are restarted after Campus Manager installation is complete.

After you enter **y** or **n**, the following prompt appears:

Exiting installation beyond this point might result in system instability Do you want to continue the installation? (y/n) [y]

If you enter **n**, installation aborts.

Step 8 Enter **y** 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 4.0.11.

Reinstalling Campus Manager 4.0.11

To reinstall Campus Manager 4.0.11, follow the instructions in the [“Installing Campus Manager 4.0.11” section on page 12](#).

Known Problems in Campus Manager 4.0.11

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

To obtain more information about known problems, access the Cisco Software Bug Toolkit at <http://www.cisco.com/cgi-bin/Support/Bugtool/home.pl>. (You will be prompted to log into Cisco.com.)

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 4.0.11

Table 2 Known Problems in Campus Manager 4.0.11

Bug ID	Summary
CSCso59624	Neighbor device information is not shown in Data Collection report and Topology Services for Cisco SAMI with Home Agent.
CSCso68976	In Topology maps, a single link between C2106WLC device and its neighbor is displayed twice. This happens when there is a mismatch between the MIB values of ifName and ifDesc.
CSCsk44148	Campus Manager incorrectly shows a FastEthernet link for WAE612 device. This occurs when you launch the Link Attributes report of the WAE612 device from topology maps.

Resolved Problem in Campus Manager 4.0.11

Table 3 lists the resolved problems in Campus Manager 4.0.11.

Table 3 Resolved Problems in Campus Manager 4.0.11

Bug ID	Summary
CSCsl08093	Campus Manager reported false root devices, when you opened the Topology Map for a VLAN with an unknown STP protocol.
CSCsm66361	Online help for System Defined groups was incorrect.

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 4.0.11. 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 4.0.11?](#)

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 - 4.0.11	4.0.11

- Q.** I do not want support for all the devices that you have supported in Campus Manager 4.0.11. 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 4.0.11 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 4.0.11?
- A.** You can find the latest information on supported devices for Campus Manager 4.0.11 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 4.0.11**.
- 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 4.0.11.

