



# Readme for Campus Manager 5.1.1 on Solaris

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This Readme is for Campus Manager 5.1.1 on Solaris. It contains:

- [Description](#)
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## Description

Campus Manager 5.1.1 is a software update for Campus Manager 5.1. 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 5.1.1.

**Caution**

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Campus Manager 5.1.1 has specific prerequisites. Before installing Campus Manager 5.1.1, see “[Hardware and Software Requirements](#)” section on page 3.

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## Related Documentation

[Table 1 on page 4](#) lists the devices supported in Campus Manager 5.1.1.

A list of all devices supported in Campus Manager 5.1 is provided in Supported Devices Tables for LMS 3.1 on Cisco.com.

To access this, go to:

[http://www.cisco.com/en/US/products/sw/cscowork/ps563/products\\_device\\_support\\_tables\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps563/products_device_support_tables_list.html)

For a list of fixes to known problems, see “[Resolved Problems in Campus Manager 5.1.1](#)” section on page 18.

A list of all known and resolved problems in Campus Manager 5.1, including the patches containing fixes for known problems rolled into latest SP, is available in Release Notes on Cisco.com.

To access them, go to:

[http://www.cisco.com/en/US/products/sw/cscowork/ps563/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps563/prod_release_notes_list.html)

**Note**

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We sometimes update the printed and electronic documentation after original publication. Therefore, we recommend that you also review other documentation for Campus Manager 5.1.1 on Cisco.com for any updates.

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# Hardware and Software Requirements

Campus Manager 5.1.1 requires that you have installed CiscoWorks Common Services 3.2 and Campus Manager 5.1.

For LMS 3.1 users, CiscoWorks Common Services 3.2 and Campus Manager 5.1 are available as a part of CiscoWorks LMS 3.1.

Hardware and software requirements are the same as those needed for CiscoWorks Common Services 3.2 and Campus Manager 5.1.

A detailed list of requirements and instructions to install CiscoWorks Common Services 3.2 and Campus Manager 5.1, is available on Cisco.com.

For more information, refer the following documents:

- Release Notes for Campus Manager 5.1
- Installing and Getting Started With CiscoWorks LAN Management Solution 3.1

To access the documents, go to:

[http://www.cisco.com/en/US/products/sw/cscowork/ps563/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps563/prod_release_notes_list.html)

## CM 5.1.1 Upgrade Path

Use the table below to verify the upgrade path to Campus Manager 5.1.1:

If you have installed...	You must install...
CM5.0 or CM5.0.1	LMS 3.1+CM5.1.1
LMS 3.0 December 2007 Update or CM 5.0.3	LMS 3.1+CM5.1.1
LMS 3.1	CM 5.1.1

## Patches Rolled into Campus Manager 5.1.1

There are no patches, containing fixes for the bugs, rolled into Campus Manager 5.1.1.

# Supported Devices in Campus Manager 5.1.1

Table 1 lists the devices supported in Campus Manager 5.1.1.

For a list of all devices supported in Campus Manager 5.1, see the Supported Devices Table for LMS 3.1 on Cisco.com (see the [“Related Documentation” section on page 2](#)).

**Table 1** Supported Devices in Campus Manager 5.1.1

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	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	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	---
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	---
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	12.4(11)XW 6
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	---
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	---

**Table 1** Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
Cisco 1800 Series Routers	Cisco 1861 In- tegrated Services Router (CISCO1861- SRST-CUE-4 FK9)	1.3.6.1.4.1.9.1.940	Yes	NA	NA	NA	NA	12.4(11)XW 6
Cisco 1800 Series Routers	Cisco 1861 In- tegrated Services Router (CISCO1861 W-SRST-CUE -4FK9)	1.3.6.1.4.1.9.1.990	Yes	NA	NA	NA	NA	—
Cisco 1800 Series Routers	Cisco 1861 In- tegrated Services Router (CISCO1861 W-SRST-CUE -2BK9)	1.3.6.1.4.1.9.1.991	Yes	NA	NA	NA	NA	—
Cisco 1800 Series Routers	Cisco 1861 In- tegrated Services Router (CISCO1861 W-SRST-4FK 9)	1.3.6.1.4.1.9.1.992	Yes	NA	NA	NA	NA	—
Cisco 1800 Series Routers	Cisco 1861 In- tegrated Services Router (CISCO1861 W-SRST-2BK 9)	1.3.6.1.4.1.9.1.993	Yes	NA	NA	NA	NA	—
Cisco 1800 Series Routers	Cisco 1861 In- tegrated Services Router (CISCO1861 W-UC-4FK9)	1.3.6.1.4.1.9.1.994	Yes	NA	NA	NA	NA	—

Table 1 Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
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	—
Cisco 1800 Series Routers	Cisco 1801M Integrated Services Router	1.3.6.1.4.1.9.1.783	Yes	NA	NA	NA	NA	—
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	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	—
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	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—

**Table 1** Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	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 <sup>1</sup>	—

Table 1 Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—

**Table 1** Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	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 <sup>1</sup>	—
Cisco 800 Series Routers	Cisco 881 Integrated Services Router	1.3.6.1.4.1.9.1.837	Yes	NA	NA	NA	NA	—
Cisco 800 Series Routers	Cisco 877M Integrated Services Router	1.3.6.1.4.1.9.1.782	Yes	NA	NA	NA	NA	—
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	—
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	—
Cisco 800 Series Routers	Cisco 886 Integrated Services Router	1.3.6.1.4.1.9.1.842	Yes	NA	NA	NA	NA	—
Cisco 800 Series Routers	Cisco 887 Integrated Services Routers	1.3.6.1.4.1.9.1.847	Yes	NA	NA	NA	NA	—
Cisco 800 Series Routers	Cisco 888 Integrated Services Router	1.3.6.1.4.1.9.1.852	Yes	NA	NA	NA	NA	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	—

Table 1 Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
Cisco 800 Series Routers	Cisco 888SRST In- tegrated Services Router	1.3.6.1.4.1.9.1.856	Yes	NA	NA	NA	NA	—
Data Center Switches	Cisco Nexus 5020 Switch-AC	1.3.6.1.4.1.9.12.3.1.3.719	Yes	NA	NA	NA	NA	4.0.0.N1.1a
Data Center Switches	Cisco Nexus 5020 Switch-DC	1.3.6.1.4.1.9.12.3.1.3.720	Yes	NA	NA	NA	NA	—
Data Center Switches	Cisco Nexus 7000 10-Slot Switch	1.3.6.1.4.1.9.12.3.1.3.612	Yes	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 <sup>1</sup>	—
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 <sup>1</sup>	—
Rockwell Stratix 8000 Series Switches	Rockwell Stratix MS06T	1.3.6.1.4.1.9.1.960	Yes	Yes	NA	NA	Yes <sup>1</sup>	—
Rockwell Stratix 8000 Series Switches	Rockwell Stratix MS10T	1.3.6.1.4.1.9.1.961	Yes	Yes	NA	NA	Yes <sup>1</sup>	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	—
Cisco Aironet 1250 Series	Cisco Aironet 1250 Series Access Point	1.3.6.1.4.1.9.1.758	Yes	NA	NA	NA	NA	12.4.10b-JA

**Table 1** Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
Cisco 12000 Series Routers	Cisco 12006 Router	1.3.6.1.4.1.9.1.590	Yes	NA	NA	NA	NA	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—
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	—
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	—
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	—
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	—
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	—

Table 1 Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
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	—
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	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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—
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 <sup>1</sup>	—

**Table 1** Supported Devices in Campus Manager 5.1.1 (continued)

Device Type	Devices/ Modules Sup- ported	sys ObjectID	Topol- ogy	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	Minimum Software
Cisco 7800 Series Media Conver- gence Servers	Cisco 7845H Media Con- vergence Server	1.3.6.1.4.1.9.1.586	Yes	NA	NA	NA	Yes <sup>1</sup>	CUCM 6.1.1 CUCM 7.0.0 <sup>2</sup>
Cisco 7800 Series Media Conver- gence Servers	Cisco 7845I Media Con- vergence Server	1.3.6.1.4.1.9.1.587	Yes	NA	NA	NA	Yes <sup>1</sup>	—
Cisco 7800 Series Media Conver- gence Servers	Cisco 7855I Media Con- vergence Server	1.3.6.1.4.1.9.1.588	Yes	NA	NA	NA	Yes <sup>1</sup>	—
Cisco 7800 Series Media Conver- gence Servers	Cisco 7865I Media Con- vergence Server	1.3.6.1.4.1.9.1.589	Yes	NA	NA	NA	Yes <sup>1</sup>	—
Cisco 7800 Series Media Conver- gence Servers	Cisco 7828I Media Con- vergence Server (IBM)	1.3.6.1.4.1.9.1.899	Yes	NA	NA	NA	Yes <sup>1</sup>	—
Cisco 7800 Series Media Conver- gence Servers	Cisco 7816I Media Con- vergence Server (IBM)	1.3.6.1.4.1.9.1.898	Yes	NA	NA	NA	Yes <sup>1</sup>	—
Cisco 7800 Series Media Conver- gence Servers	Cisco 7816H Media Con- vergence Server (HP)	1.3.6.1.4.1.9.1.900	Yes	NA	NA	NA	Yes <sup>1</sup>	—

**Table 1 Supported Devices in Campus Manager 5.1.1 (continued)**

Device Type	Devices/ Modules Supported	sys ObjectID	Topology	VLAN Mgmt	LANE Mgmt	ATM Mgmt	User Tracking	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 <sup>1</sup>	---
Cisco Unified IP Phones 7900 Series	Cisco Unified IP Phone 7941G	---	NA	NA	NA	NA	Yes	---
Cisco Unified IP Phones 7900 Series	Cisco Unified IP Phone 7961G	---	NA	NA	NA	NA	Yes	---
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	---
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	---

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 5.1.1

You can download the Campus Manager 5.1.1 installer file, cwcm5\_1\_1\_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 cwcm5\_1\_1\_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:

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- 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 Solaris (cwcm5\_1\_1\_sol.zip).
- Step 4** Select cwcm5\_1\_1\_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.

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## Installing Campus Manager 5.1.1

Before you install Campus Manager 5.1.1, make sure your installation environment meets the requirements described in “[Hardware and Software Requirements](#)” section on page 3.

To install Campus Manager 5.1.1:

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**Step 1** Log in as root on the system

**Step 2** Go to the directory where cwcm5\_1\_1\_sol.zip has been downloaded.

**Step 3** Unzip the file to your temporary working area by entering:

```
# unzip cwcm5_1_1_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 3.2, this message appears:

```
Install Common Services 3.2 before installing Campus Manager 5.1.1.
```

The installation terminates.

Common Services 3.2 is available as a part of CiscoWorks LMS 3.1.

If you have not installed Campus Manager 5.1, this message appears:

```
Install Campus Manager 5.1 before installing Campus Manager 5.1.1.
```

The installation terminates.

Campus Manager 5.1 is available as a part of CiscoWorks LMS 3.1.

A detailed list of instructions to install CiscoWorks Common Services 3.2, and Campus Manager 5.1 (a part of CiscoWorks LAN Management Solution 3.1) is available on Cisco.com.

To access this, go to:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod_installation_guides_list.html)

After installing Common Services 3.2 and Campus Manager 5.1, 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 5.1.1, the installation program displays an error message and stops.
- If the minimum requirements are not met, the installation program displays a warning message and the following prompt appears:

Do you want to continue the installation? (y/n) [y]:

If you enter **y**, installation continues.

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

**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 5.1.1.

## Reinstalling Campus Manager 5.1.1

To reinstall Campus Manager 5.1.1, follow the instructions in the [“Installing Campus Manager 5.1.1” section on page 16](#).

## Known Problems in Campus Manager 5.1.1

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 5.1, see Release Notes for CiscoWorks Campus Manager 5.1 available on Cisco.com (see “[Related Documentation](#)” section on page 2).

**Table 2** *Known Problems in Campus Manager 5.1.1*

Bug ID	Summary
CSCsr38459	Single virtual interface is displayed twice in the port attributes list. It happens in case of virtual interfaces. For Cat2970 and IE 3000 category devices, single port is displayed twice in the port attributes list.

## Resolved Problems in Campus Manager 5.1.1

[Table 3](#) lists the resolved problems in Campus Manager 5.1.1.

**Table 3** *Resolved Problems in Campus Manager 5.1.1*

Bug ID	Summary
CSCsq74485	Sorting by Number in Port Attribute report is not working. The Port Number sorting is not working as expected and behaves like string sorting.
CSCsq56548	End hosts on Access Points are no longer acquired by default. Since there was a huge POLA violation in Campus Manager 5.0, and since WLSE integration was introduced, User Tracking no longer acquires end hosts on Access Points by default.
CSCsq72800	User Tracking no longer acquires End Hosts on AccessPoints. This is a companion bug to CSCsq56548. Setting APRunCollection to true in ut.properties does not help. End host acquisition does not work since the VmpsAdminSMFBridgeTable code is not updated for Campus 5.0.
CSCsr48379	Online Help should mention that Wireless Report will show only WLSE devices. User Tracking Wireless Report is showing only reports about the WLSE integration. This information must be documented.
CSCsj72047	Groups created in Common Services are not available in Campus Manager. After restarting the Daemon Manager, the User Defined Groups in Common Services are not available from Campus Manager. Membership details for the groups show empty results.
CSCsq08600	Windows usernames are not displayed in User Tracking (UT). Depending on when UT acquisition is done and when an user actually connects to the network, UT may not properly display Windows usernames.
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.
CSCsq80237	User Tracking Export does not quote Port Name field. This becomes a problem when the Port Name field contain an embedded comma.

**Table 3**      **Resolved Problems in Campus Manager 5.1.1**

Bug ID	Summary
CSCsq26330	UTLite does not work with hostnames. If the CiscoWorks server is specified by an hostname, UTLite33.exe does not send any update.
CSCsr25957	In LMS 3.0 VTP Domain return as NULL. In LMS3.0, User Tracking is unable to find the VTP domain object using the VTP name. As a result, VLAN ID cannot be used for comparison. The available VLAN name is different and this results in CAM/ARP mismatch.
CSCsr11007	Scheduled User Tracking Report fails when you launch Report Generator under Reports in Campus User Tracking. Select an Application and schedule a report. It fails.
CSCsr09442	User Tracking reports cannot be sorted on IP Address or Subnet columns. Other columns sort correctly. When you click on the IP Address or Subnet columns, the browser spins indefinitely and an exception is seen in the stdout.log
CSCsr89218	SSH is not launching from TOPO. SSH flow code has been removed in this release due to jacob changes.
CSCsu39631	Link to DFM Poller Settings page must be provided in DFM Alert Settings. In Campus Manager OLH and User Guide, link to DFM Poller Settings page must be provided in DFM Alert Settings page.
CSCsr48028	MACs that are not included in the Acceptable MAC list are not considered as rogue. In Rogue MAC detection feature, add some MAC and OUI to an acceptable MAC list. Make sure that Rogue MAC / OUI list is not populated with any values. On running UT, no rogue MAC is detected. The expected behavior is, only when an acceptable MAC list is populated, MAC that is not specified in Acceptable MAC list should be considered as rogue.

# 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 5.1.1. 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 5.1.1?](#)

**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 - 5.1.1	5.1.1

**Q.** I do not want support for all the devices that you have supported in Campus Manager 5.1.1. 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 5.1.1 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	<a href="http://www.cisco.com/cgi-bin/Software/CiscoView/cvplanner.cgi">http://www.cisco.com/cgi-bin/Software/CiscoView/cvplanner.cgi</a>
Device Fault Manager	<a href="http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm">http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm</a>
Resource Manager Essentials	<a href="http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme">http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme</a>

**Q.** Where can I find information on the supported devices for Campus Manager 5.1.1?

**A.** You can find the latest information on supported devices for Campus Manager 5.1.1, see Supported Devices Tables for LMS 3.1 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 LMS 3.1**

Or

- Go to
- [http://www.cisco.com/en/US/products/sw/cscowork/ps2425/products\\_device\\_support\\_tables\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2425/products_device_support_tables_list.html)

**Note**

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The Supported Devices Table for LMS 3.1 contains the information on device support for Campus Manager 5.1.1.

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