



Readme for CiscoWorks LMS 2.5 December 2005 Update on Solaris

This document provides instructions for installing CiscoWorks LMS 2.5 December 2005 Update on Solaris system. This includes:

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Description

LMS 2.5 December 2005 Update is a bundle update that contains patches to more than one component of the LMS 2.5 bundle.

It is provided as a single installable and contains updates for the following applications:

- CiscoWorks Common Services 3.0 (includes CiscoView 6.1)
- Resource Manager Essentials 4.0
- Campus Manager 4.0
- Device Fault Manager 2.0

There is no change in Internetwork Performance Monitor 2.6.

New Features in LMS 2.5 December 2005 Update

CiscoWorks LMS 2.5 December 2005 Update provides new support for the following:

- Windows Server 2003 Standard and Enterprise Editions with Service Pack 1 (client and server)
- Windows XP with Service Pack 2 (client)
- Netscape Navigator 7.2 (Windows)
- Mozilla 1.7 and 1.7.5 (Solaris and Windows)
- Java Plug-in 1.4.2_08

CiscoWorks Common Services 3.0.3 (Common Services 3.0 Service Pack 3)

CS 3.0.1 (CS 3.0 SP1) and CS 3.0.2 (CS 3.0 SP2) are the incremental releases over CS 3.0. These releases have been rolled into CS 3.0.3 (CS SP3).

The following new features and enhancements in CS 3.0.1 and CS 3.0.2 are rolled into CS 3.0.3:

- AcsRegCli.pl command line script allows you to register individual applications with ACS without affecting the registration status of other applications.

- Audit log provides information on:
 - CiscoWorks Local user addition
 - CiscoWorks Local user modification
 - CiscoWorks Local user deletion
- Conflict resolution option in **decrc11** overwrites Device and Credential Repository (DCR) data from import source.
- Enhancements in Device and Credential Repository (DCR):
 - Support for HTTP related credentials and attributes
 - Support for CNS Configuration Engine and CNS Managed devices
- Enhancements in Software Center:
 - Prompt for Cisco.com credentials while selecting, scheduling, and downloading software and device updates.
 - Prompt for Proxy credentials while selecting, scheduling, and downloading software and device updates if you have configured Proxy settings
 - Software Center CLI allows you to display the list of dependent packages for a specified PSU package.
- Support for Cisco Secure ACS 3.3.3 (appliance and software).
- Support for MDF 1.6. (The MDF package 1.6 is a cumulative package that includes the new device types added after the release of CiscoWorks Common Services 3.0. This package contains new device types, new device type definitions, new device icons, and solutions to some problems in earlier MDF packages.)

See *User Guide for CiscoWorks Common Services 3.0.3* for further details on these new features:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_d/cs303/usrguide/index.htm

For Resolved Bugs in CS 3.0.3, see *Release Notes for CiscoWorks Common Services 3.0.3 (Includes CiscoView) on Solaris*:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_d/cs303/index.htm

CiscoView 6.1.2

CiscoView 6.1.2 supports Mini-RMON management:

- Monitor all 4 mini-RMON groups in RMON-compliant devices.
- Provide templates for MIB variables that are monitored frequently. These templates contain pre-set thresholds that you can change. You can also create templates for other MIB variables.
- Generate alarms when the threshold exceeds.
- Display the events and/or forward them to a management console
- Co-relate the logged events to the threshold template

See *Using CiscoView 6.1.2* for further details on these new features:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_d/cs303/cv_ug/index.htm

Resource Manager Essentials 4.0.3 (RME 4.0 Service Pack 3)

RME 4.0.1 (RME 4.0 SP1) and RME 4.0.2 (RME 4.0 SP2) are the incremental releases over RME 4.0. These releases have been rolled into RME 4.0.3 (RME 4.0 SP 3).

The following new features in RME 4.0.1 and RME 4.0.2 are rolled into RME 4.0.3:

- NetShow—Enables you to define command sets with show commands and run these commands on devices.
- Contract Connection—Enables you to verify the service contracts for your Cisco IOS devices. You can also view the contract details of those devices.
- SmartCase—SmartCase provides the Cisco.com link to raise TAC cases.
- RME 4.0 SP1 supports Secure Shell Version 2 (SSHv2).

See *User Guide for Resource Manager Essentials 4.0.3* for further details on these new features:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000e/e_4_x/4_0_3/u_guide/index.htm

New device support, see *Supported Device Table for Resource Manager Essentials 4.0.3*:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000e/e_4_x/4_0_3/sdt/index.htm

For resolved bugs in RME 4.0.3, see *Release Notes for Resource Manager Essentials 4.0.3 on Solaris*:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000e/e_4_x/4_0_3/index.htm

Campus Manager 4.0.3 (CM 4.0 Service Pack 3)

CM 4.0.1 (CM 4.0 SP1) and CM 4.0.2 (CM 4.0 SP2) are the incremental releases over CM 4.0. These releases have been rolled into CM 4.0.3 (CM 4.0 SP 3).

There are no new features supported in CM 4.0.3. However, the new device support in CM 4.0.1 and CM 4.0.2 releases are rolled into CM 4.0.3.

For new device support, see *Supported Devices Table for Campus Manager 4.0.3*:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/camp_mgr/camp_4x/cmgr_403/cm40sdt.htm

For Resolved Bugs in CM 4.0.3, see *Release Notes for Campus Manager 4.0.3 on Solaris*:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/camp_mgr/camp_4x/cmgr_403/index.htm

Device Fault Manager 2.0.3 (DFM 2.0 Service Pack 3)

DFM 2.0.1 (DFM 2.0 SP1) and DFM 2.0.2 (DFM 2.0 SP2) are the incremental releases over DFM 2.0. These releases have been rolled into DFM 2.0.3 (DFM 2.0 SP 3).

The following new features in DFM 2.0.1 and DFM 2.0.2 are rolled into DFM 2.0.3:

- Support for new CISCO-DEVICE-EXCEPTION-REPORTING-MIB pass-through trap, `cderMonitoredExceptionEvent`.

See *User Guide for Device Fault Manager 2.0.3* for further details on these new features:

<http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/dfm/dfm203/ug/index.htm>

- New device support, see *Supported Device Table for Device Fault Manager 2.0.3*:

<http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/dfm/dfm203/index.htm>

For Resolved Bugs in DFM 2.0.3, see *Release Notes for Device Fault Manager 2.0.3 on Solaris*:

<http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/dfm/dfm203/index.htm>

Hardware and Software Requirements

For the LMS 2.5 December 2005 Update hardware and software requirements see Quick Start Guide for LAN Management Solution 2.5.

This document is available at this location:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_b/lms/lms25/index.htm

Pre-requisites for CiscoWorks LMS 2.5 December 2005 Update

Install CiscoWorks Common Services 3.0 and the LMS 2.5 applications to be updated before installing CiscoWorks LMS 2.5 December 2005 Update.

For details, see the Quick Start Guide for Quick Start Guide for LAN Management Solution 2.5:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_b/lms/lms25/lms25qsg.htm

Please note:

- If you *do not* want to install one or more of the LMS 2.5 applications at present but plan to install them later, you must reinstall CiscoWorks LMS 2.5 December 2005 Update after you install the missing applications.

For example, if you install RME 4.0 after installing LMS 2.5 December 2005 Update, after installing RME 4.0, you must reinstall LMS 2.5 December 2005 Update.

See [Installing CiscoWorks LMS 2.5 December 2005 Update for Missing LMS 2.5 Applications](#), page 15.

- You *cannot* select individual application updates. This update automatically detects the installed LMS 2.5 applications and installs the required updates for that specific application.
- You *cannot* uninstall CiscoWorks LMS 2.5 December 2005 Update. We recommend that you take a backup before installing CiscoWorks LMS 2.5 December 2005 Update on Solaris.
- If you have configured DCR Master-Slave setup, you must install this update in all of the CiscoWorks servers.

The Common Services Service Pack versions must be same in all of the DCR Master-Slave setup machines.

- If you have configured Remote Syslog Collector (RSC) on a different server, you *must* upgrade RSC to RSC 4.0.1. You cannot use the RSC 4.0 that was provided with RME 4.0 for RME 4.0.3.

To upgrade RSC, you must install this update on the machine that contains RSC by following the same LMS 2.5 December 2005 Update install instruction. See [Installing CiscoWorks LMS 2.5 December 2005 Update on Solaris, page 9](#).

- You must have a minimum free space of 600 MB on your hard disk to install this update.

Downloading CiscoWorks LMS 2.5 December 2005 Update for Solaris

You can download LMS 2.5 December 2005 Update using either of these options:

- [Single Large File](#)
- [Multiple Small Files](#)

These files are available on the LMS Software Download page:

<http://www.cisco.com/kobayashi/sw-center/cw2000/lan-planner.shtml>

You must be a registered Cisco.com user to download this update.

Single Large File

A single LMS 2.5 December 2005 Update file is available if you want to download one large file.

The Single Large File option has these files:

- lms25_dec2005_update_sol.zip
- lms25_dec2005_update_sol_readme.pdf

Multiple Small Files

The Single Large LMS 2.5 December 2005 Update file is split into multiple small files if you want to download small files.

The Multiple Small Files option has these files:

- lms25_dec05_update_sol_installer.sh
- lms25_dec05_update_sol_1of3.zip
- lms25_dec05_update_sol_2of3.zip
- lms25_dec05_update_sol_3of3.zip
- lms25_dec05_update_sol_readme.pdf

Important Download Notes for LMS 2.5 December 2005 Update

This section contains important information that you should read before you begin downloading:

- The Single Large File and Multiple Small Files of this update are *not* visible through the CiscoWorks Software Updates page (**Common Services > Software Center > Software Update**).
- You must *not* change the filename of the update files.
- You must download all of the Multiple Small Files in the same location.
- You can download Multiple Small Files in any order.
- You must have a minimum free space of 300 MB on your hard disk to download this update.

Installing CiscoWorks LMS 2.5 December 2005 Update on Solaris

To install this update, login as root on the system on which you installed the LMS 2.5 applications. You must have superuser privileges on the system being updated.

LMS 2.5 December 2005 Update is installed in the same directory as LMS 2.5. By default, it is /opt/CSCOPx.

**Note**

If you want to migrate (local) data from earlier versions of Common Services, RME, Campus Manager, and IPM onto a fresh (remote) installation of LMS 2.5.1, see the instructions provided in the Data Migration Guide for LAN Management Solution 2.5.1 at this URL:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_b/lms/lms251/index.htm

If you want to migrate (local) DFM 1.2.x data onto a fresh (remote) installation of DFM 2.0.3, you must use the migration script provided in the DFM Upgrade Kit (for LMS 2.5.1) on Cisco.com. Log in to Cisco.com and point your browser to <http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm>. Refer to the Readmes on the download site for installation instructions.

It takes approximately 1 hour and 40 minutes to install the complete update for Common Services, RME, Campus Manager, and DFM.

The following section describes the procedure for:

- [Installing the Single Large File Update, page 10](#)
- [Installing the Multiple Small Files Update, page 12](#)
- [Installing CiscoWorks LMS 2.5 December 2005 Update for Missing LMS 2.5 Applications, page 15](#)

Installing the Single Large File Update

To install the Single Large File update:

Step 1 Navigate to the location on your system, where you have downloaded all of the LMS 2.5 December 2005 Update files.

Step 2 Unzip the `lms25_dec2005_update_sol.zip` file by entering:

```
# unzip lms25_dec2005_update_sol.zip
```

The files are extracted under the `lms25_dec2005_update_sol` directory.

Step 3 Change the directory to `lms25_dec2005_update_sol` by entering:

```
# cd lms25_dec2005_update_sol
```

Step 4 Run the installation setup script by entering:

```
# sh setup.sh
```

or

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

A prompt appears:

```
Press Enter to read/browse the following license agreement:
```

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

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

```
Do you accept all the terms of the License Agreement? (y/n) [n]:
```

Step 6 Enter **y** to accept the license agreement and proceed with the installation, or enter **n** to deny and quit the installation.

Based on your LMS 2.5 installation, the new updates are listed.

The following message appears:

```
LMS 2.5 Dec 2005 update
=====
New Updates to be installed :
CiscoWorks Common Services 3.0.3 update
CiscoView 6.1.2 update
Resource Manager Essentials 4.0.3 update
Campus Manager 4.0.3 update
```

Device Fault Manager 2.0.3 update

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

Step 7 Enter y.

The following message appears:

INFO: There will be no more user interaction.

INFO: Exiting installation beyond this point might result in system instability.

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

Step 8 Enter y.

The following messages appear:

To ensure that you retain the latest device support, please install the latest Device Packages from CCO @ <http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme> Please refer to the Installation and Setup Guide for details.

The above message appears only if you have installed the update for RME.

To ensure that you retain the latest device support and bug fixes, please install

the latest Service Pack (SP) for Campus Manager 4.0.3

You can download the latest SP from

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

Please refer to the Installation and Setup Guide for details.

User Tracking Utility 1.0 is not compatible with Campus Manager 4.0.3

User Tracking Utility 1.1.1 is available for Campus Manager 4.0.3

You can download the latest UTU from

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

The above messages appear only if you have installed the update for Campus Manager.

If you plan to install any of the LMS 2.5 applications later, you must reinstall CiscoWorks LMS 2.5 Dec 2005 Update after installing these applications.

The installation completes without displaying more questions and the system prompt appears.

Installing the Multiple Small Files Update

To install the Multiple Small Files update:

Step 1 Navigate to the location on your system, where you have downloaded all of the LMS 2.5 December 2005 Update files.

Step 2 Run the installation setup script by entering:

```
# sh lms25_dec05_update_sol_installer.sh
```

- If you have *not* downloaded all of the Multiple Small Files, an error message appears:

```
ERROR: You have not downloaded all the above files
ERROR: Please download all the above files and
ERROR: then run this script.
```

Download all of the Multiple Small Files, see [Multiple Small Files](#) for list of files.

- If you have downloaded all of the Multiple Small Files, a message appears:

```
INFO: You have downloaded all the necessary files
INFO: creating the zip file from the downloaded files
```

The update installation starts by displaying this message:

```
Press Enter to read/browse the following license agreement:
```

Step 3 Press **Return** to read the license agreement.

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

```
Do you accept all the terms of the License Agreement? (y/n) [n]:
```

Step 4 Enter **y** to accept the license agreement and proceed with the installation, or enter **n** to deny and quit the installation.

Based on your LMS 2.5 installation, the new updates are listed.

The following message appears:

```
LMS 2.5 Dec 2005 update
=====
New Updates to be installed :
CiscoWorks Common Services 3.0.3 update
CiscoView 6.1.2 update
Resource Manager Essentials 4.0.3 update
Campus Manager 4.0.3 update
Device Fault Manager 2.0.3 update

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

Step 5 Enter y.

The following message appears:

```
INFO: There will be no more user interaction.
INFO: Exiting installation beyond this point might result in system
instability.
Do you want to continue the installation? (y/n) [y]:
```

Step 6 Enter y.

The following messages appear:

```
To ensure that you retain the latest device support,
please install the latest Device Packages from CCO @
http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme
Please refer to the Installation and Setup Guide for details.
```

The above message appears only if you have installed the update for RME.

```
To ensure that you retain the latest device support and bug fixes,
please install the latest Service Pack (SP) for Campus Manager 4.0.3
You can download the latest SP from
http://www.cisco.com/cgi-bin/tableb
uild.pl/cw2000-campus.
Please refer to the Installation and Setup Guide for details.
```

```
User Tracking Utility 1.0 is not compatible with Campus Manager 4.0.3
User Tracking Utility 1.1.1 is available for Campus Manager 4.0.3
You can download the latest UTU from
http://www.cisco.com/cgi-bin/table
build.pl/cw2000-campus-crypto.
```

The above messages appear only if you have installed the update for Campus Manager.

If you plan to install any of the LMS 2.5 applications later, you must reinstall CiscoWorks LMS 2.5 Dec 2005 Update after installing these applications.

The installation completes without displaying more questions and the system prompt appears.

Verifying the LMS 2.5 December 2005 Update Installation

After you install the CiscoWorks LMS 2.5 December 2005 Update on Solaris, you can verify the installation. To do this:

Step 1 Launch CiscoWorks.

`http://server_name:port_number`

where *server_name* is the name of the CiscoWorks Server and *port_number* is the TCP port used by the CiscoWorks Server. In normal mode (HTTP), the default TCP port for CiscoWorks Server is 1741. When SSL is enabled (HTTPS), the default TCP port for CiscoWorks Server is 443.

Step 2 Select **Common Services > Software Center > Software Update**.

The Software Updates window appears.

The following entries appear in the Products Installed table for each application that you have installed:

Product Name	Version With Patch Level
CiscoWorks Common Services	3.0.3
Campus Manager	4.0.3
CiscoView	6.1.2
Device Fault Manager	2.0.3
Resource Manager Essentials	4.0.3

If you have installed RSC on a different machine, the following entries appear in the Products Installed table:

Product Name	Version With Patch Level
CiscoWorks Common Services	3.0.3
Remote Syslog Collector	4.0.1

Installing CiscoWorks LMS 2.5 December 2005 Update for Missing LMS 2.5 Applications

If you install any of the LMS 2.5 applications after installing LMS 2.5 December 2005 Update, you must reinstall LMS 2.5 December 2005 Update once again.

To install this update, login as root on the system on which you installed the LMS 2.5 applications. You must have superuser privileges on the system being updated.

The following sections describe the procedure for:

- [Installing the Single Large File Update for Missing LMS 2.5 Applications, page 15](#)
- [Installing the Multiple Small Files Update for Missing LMS 2.5 Applications, page 18](#)

Installing the Single Large File Update for Missing LMS 2.5 Applications

To install the Single Large File update for missing LMS 2.5 applications:

- Step 1** Navigate to the location on your system, where you have downloaded all of the LMS 2.5 December 2005 Update files.

Step 2 Unzip the lms25_dec2005_update_sol.zip file by entering:

```
# unzip lms25_dec2005_update_sol.zip
```

The files are extracted under lms25_dec2005_update_sol directory.

Step 3 Change the directory to lms25_dec2005_update_sol by entering:

```
# cd lms25_dec2005_update_sol
```

Step 4 Run the installation setup script by entering:

```
# sh setup.sh
```

or

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

A prompt appears:

Press Enter to read/browse the following license agreement:

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

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

```
Do you accept all the terms of the License Agreement? (y/n) [n]:
```

Step 6 Enter **y** to accept the license agreement and proceed with the installation, or enter **n** to deny and quit the installation.

Based on your LMS 2.5 installation, the new updates are listed.

The following message appears:

```
LMS 2.5 Dec 2005 update
```

```
=====
New Updates to be installed :
Device Fault Manager 2.0.3 update
Campus Manager 4.0.3 update
```

```
=====
Updates already installed :
CiscoWorks Common Services 3.0.3 update
CiscoView 6.1.2 update
Resource Manager Essentials 4.0.3 update
```

1. Install new updates only
2. Install/Reinstall all updates

Select one item using its number+ENTER or q+ENTER to quit :

You can select either of these options:

1. Install new updates only—To install only the new updates.
2. Install/reinstall all updates—To install the new updates and also reinstall the updates for the already updated applications.

Step 7 Enter either **1** or **2** and press **Return**.

The following message appears:

```
INFO: There will be no more user interaction.
INFO: Exiting installation beyond this point might result in system
instability.
Do you want to continue the installation? (y/n) [y]:
```

Step 8 Enter **y**.

The following messages appear:

```
To ensure that you retain the latest device support,
please install the latest Device Packages from CCO @
http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme
Please refer to the Installation and Setup Guide for details.
```

The above message appears only if you have installed the update for RME.

```
To ensure that you retain the latest device support and bug fixes,
please install
the latest Service Pack (SP) for Campus Manager 4.0.3
You can download the latest SP from
http://www.cisco.com/cgi-bin/tableb
uild.pl/cw2000-campus.
Please refer to the Installation and Setup Guide for details.
```

```
User Tracking Utility 1.0 is not compatible with Campus Manager 4.0.3
User Tracking Utility 1.1.1 is available for Campus Manager 4.0.3
You can download the latest UTU from
http://www.cisco.com/cgi-bin/table
build.pl/cw2000-campus-crypto.
```

The above messages appear only if you have installed the update for Campus Manager.

If you plan to install any of the LMS 2.5 applications later, you must reinstall CiscoWorks LMS 2.5 Dec 2005 Update after installing these applications.

=====

The installation completes without displaying more questions and the system prompt appears.

Installing the Multiple Small Files Update for Missing LMS 2.5 Applications

To install the Multiple Small Files update for missing LMS 2.5 applications:

Step 1 Navigate to the location on your system, where you downloaded the LMS 2.5 December 2005 Update files.

Step 2 Run this shell script by entering the command:

```
# sh lms25_dec05_update_sol_installer.sh
```

- If you have *not* downloaded all of the Multiple Small Files, an error message appears:

```
ERROR: You have not downloaded all the above files
ERROR: Please download all the above files and
ERROR: then run this script.
```

Download all of the Multiple Small Files, see [Multiple Small Files](#) for list of files.

- If you have downloaded all of the Multiple Small Files, a message appears:

```
INFO: You have downloaded all the necessary files
INFO: creating the zip file from the downloaded files
```

The update installation starts by displaying this message:

```
Press Enter to read/browse the following license agreement:
```

Step 3 Press **Return** to read the license agreement.

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

```
Do you accept all the terms of the License Agreement? (y/n) [n]:
```

Step 4 Enter **y** to accept the license agreement and proceed with the installation, or enter **n** to deny and quit the installation.

Based on your LMS 2.5 installation the new updates are listed.

The following message appears:

```
LMS 2.5 Dec 2005 update
```

```
=====
```

```
New Updates to be installed :
Device Fault Manager 2.0.3 update
Campus Manager 4.0.3 update
```

```
=====
```

```
Updates already installed :
CiscoWorks Common Services 3.0.3 update
CiscoView 6.1.2 update
Resource Manager Essentials 4.0.3 update
```

1. Install new updates only
2. Install/Reinstall all updates

```
Select one item using its number+ENTER or q+ENTER to quit :
```

You can select either of these options:

1. Install new updates only—To install only the new updates.
2. Install/reinstall all updates—To install the new updates and also reinstall the updates for the already updated applications.

Step 5 Enter either **1** or **2** and press **Return**.

The following message appears:

```
INFO: There will be no more user interaction.
INFO: Exiting installation beyond this point might result in system
instability.
Do you want to continue the installation? (y/n) [y]:
```

Step 6 Enter y.

The following messages appear:

```
To ensure that you retain the latest device support,  
please install the latest Device Packages from CCO @  
http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme  
Please refer to the Installation and Setup Guide for details.
```

```
To ensure that you retain the latest device support and bug fixes,  
please install  
the latest Service Pack (SP) for Campus Manager 4.0.3  
You can download the latest SP from  
http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-campus.  
Please refer to the Installation and Setup Guide for details.
```

```
User Tracking Utility 1.0 is not compatible with Campus Manager 4.0.3  
User Tracking Utility 1.1.1 is available for Campus Manager 4.0.3  
You can download the latest UTU from  
http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-campus-crypto.
```

```
If you plan to install any of the LMS 2.5 applications later, you must  
reinstall CiscoWorks LMS 2.5 Dec 2005 Update after installing these  
applications.
```

```
=====
```

The installation completes without displaying more questions and the system prompt appears.

Re-installing CiscoWorks LMS 2.5 December 2005 Update

To reinstall CiscoWorks LMS 2.5 December 2005 Update, follow the instructions in the section, [Installing CiscoWorks LMS 2.5 December 2005 Update on Solaris, page 9](#).



Caution

If you re-install the base LMS 2.5 applications, you will lose all of the LMS 2.5 update functionalities. You need to re-install CiscoWorks LMS 2.5 December 2005 Update over LMS 2.5, to regain the LMS 2.5 Update functionality.

Known and Resolved Problems

Table 1 contains the known problems for LMS 2.5 December 2005 Update.

To review all of the known and resolved problems, see the LMS 2.5.1 application Releases Notes.

- *Release Notes for CiscoWorks Common Services 3.0.3 (Includes CiscoView) on Solaris*
http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_d/cs303/index.htm
- *Release Notes for Resource Manager Essentials 4.0.3 on Solaris*
http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000e/e_4_x/4_0_3/index.htm
- *Release Notes for Campus Manager 4.0.3 on Solaris*
http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/camp_mgr/camp_4x/cmgr_403/index.htm
- *Release Notes for Device Fault Manager 2.0.3 on Solaris*
<http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/dfm/dfm203/index.htm>
- *Release Notes for Internetwork Performance Monitor 2.6*
<http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/ipmcw2k/cipm26/index.htm>

**Note**

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.)

Table 1 *LMS 2.5 December 2005 Update Known Problems*

Bug ID	Summary	Explanation
CSCsc66462 (Common Services 3.0.3)	The Event Log displays device package install failure as an error, without giving exact cause.	This error appears when only one device package is selected for install and it fails to get installed. Workaround: None.
CSCsc71403 (Common Services 3.0.3)	Changes to some Context Sensitive Online Help (OLH) files do not reflect in the CiscoWorks LMS 2.5 December 2005 Update.	Changes do not reflect in the following files, when you launch the OLH for CiscoWorks Common Services 3.0.3 in the CiscoWorks LMS 2.5 December 2005 Update: <ul style="list-style-type: none"> • What's New in This Release (Launch Context Sensitive Online Help from CiscoWorks Homepage and go to the Common Services Online Help. Select What's new in this release from the Table Of Contents). • Context Sensitive Online Help for Modifying Security Certificates (Common Services> Server Security Multi-Server Trust Management Peer Server Certificate Setup). • Context Sensitive Online Help for Setting Up Browser-Server Security Mode (Server Security Single-Server Management Browser-Server Security Mode Setup). (contd.)

Table 1 **LMS 2.5 December 2005 Update Known Problems (continued)**

Bug ID	Summary	Explanation
CSCsc71403 (contd.)	Changes to some Context Sensitive Online Help (OLH) files do not reflect in the CiscoWorks LMS 2.5 December 2005 Update.	<p>Workaround:</p> <p>The updated information for these OLH files are available in the PDF of the User Guide for CiscoWorks Common Services.</p> <p>To launch the PDF file:</p> <ol style="list-style-type: none"> 1. Launch the Context Sensitive Online Help from CiscoWorks Homepage. 2. Select the Online Help for CiscoWorks Common Services. 3. Click View User Guide (Book PDF) from the Table Of Contents. <p>Read the following sections:</p> <ul style="list-style-type: none"> • For What's New in this release: See the New Features section in Chapter 1 Overview. • For Modifying Security Certificates: See the Creating Self Signed Certificate section in Chapter 3 Configuring the Server. • For Setting Up Browser - Server Security Mode: See the Setting up Browser-Server Security section in Chapter 3 Configuring the Server. <p>For all the latest updated information, see the User Guide for CiscoWorks Common Services 3.0.3 at: http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_d/cs303/index.htm</p>

Table 1 **LMS 2.5 December 2005 Update Known Problems (continued)**

Bug ID	Summary	Explanation
CSCsb87452 (DFM 2.0.3)	Rediscovery schedule does not work	When updating to DFM 2.0.3 using LMS 2.5.1 Update 2, the DFM rediscovery schedule sometimes fails to run. Workaround: None.
CSCsb78503 (DFM 2.0.3)	Patch/IDU version field for DFM 2.0.3 shows 2.0.2	When LMS 2.5 Update 2 is installed over DFM 2.0 Service Pack 2 on Solaris, if the user selects Software Center > Software Update, the Patches Installed table lists DFM 2.0-SP2, Version SP2. It should be blank. Workaround: None.

Related Documentation



Note

Although every effort has been made to validate the accuracy of the information in the printed and electronic documentation, you should also review the documentation on Cisco.com for any updates.

LAN Management Solution 2.5.

The following are the user documents for LAN Management Solution 2.5:

- *Quick Start Guide for LAN Management Solution 2.5.*
- *Quick Start Guide for LAN Management Solution 2.5. (Maintenance Kit)*
- *Data Migration Guide for LAN Management Solution 2.5.*

All the above documents are available in the LMS 2.5. product package and also on Cisco.com at this URL:

http://www.cisco.com/univered/cc/td/doc/product/rtrmgmt/cw2000/cw2000_b/lms/lms25/index.htm

- Cisco LAN Management Solution 2.5 Deployment Guide:
http://www.cisco.com/en/US/prod/collateral/netmgtsw/ps6504/ps6528/ps2425/prod_white_paper0900aecd8026ee8d.pdf
- Cisco LAN Management Solution Data Sheets, White Papers, etc:
<http://www.cisco.com/en/US/products/sw/cscowork/ps2425/index.html>

Common Services 3.0.3 (Including CiscoView 6.1.2)

The following are the user documents for Common Services 3.0.3 (including CiscoView 6.1.2):

- *Release Notes for CiscoWorks Common Services 3.0.3 (Includes CiscoView 6.1.2) on Solaris*
- *Using CiscoView 6.1.2 (DOC-7817225=)*
- *User Guide for CiscoWorks Common Services 3.0.3 (DOC-7817182=)*
- *User Guide for CiscoWorks Integration Utility 1.6*

All these documents are available on Cisco.com at this URL:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000_d/cs303/index.htm

Resource Manager Essentials 4.0.3

The following are the user documents for RME 4.0.3:

- *Release Notes for Resource Manager Essentials 4.0.3 on Solaris*
- *User Guide for Resource Manager Essentials 4.0.3 (DOC-7817221=)*
- *Supported Device Table for Resource Manager Essentials 4.0.3*

All these documents are available on Cisco.com at this URL:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000e/e_4_x/4_0_3/index.htm

RME 4.x Troubleshooting Tips and FAQs is available at this URL:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/cw2000e/e_4_x/faqs.htm

Campus Manager 4.0.3

The following are the user documents for Campus Manager 4.0.3:

- *Release Notes for Campus Manager 4.0.3 on Solaris*
- *User Guide for Campus Manager 4.0.3* (DOC-7817186=)
- *Supported Device Table for Campus Manager 4.0.3*

All these documents are available on Cisco.com at this URL:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/camp_mgr/camp_4x/cmgr_403/index.htm

Device Fault Manager 2.0.3

The following are the user documents for DFM 2.0.3:

- *Release Notes for Device Fault Manager 2.0.3 on Solaris*
- *User Guide for Device Fault Manager 2.0.3* (DOC-7817161=)
- *Supported Devices Table for Device Fault Manager 2.0.3*

All these documents are available on Cisco.com at this URL:

<http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cw2000/dfm/dfm203/index.htm>

Internetwork Performance Monitor 2.6

The following are the user documents for IPM 2.6:

- *Release Notes for Internetwork Performance Monitor 2.6*
- *Installation Guide for Internetwork Performance Monitor 2.6* (DOC-7816653=)
- *User Guide for Internetwork Performance Monitor* (DOC-7816652=)

All these documents are available on Cisco.com at this URL:

<http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/ipmcw2k/cipm26/index.htm>