



# Readme for CiscoWorks LMS 2.6 Update on Solaris

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This document provides instructions for installing CiscoWorks LMS 2.6 Update on Solaris system. This includes:

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**Corporate Headquarters:**  
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

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## Description

The LMS 2.6 Update is a bundle update that contains incremental versions to more than one component of the LMS 2.5.1 bundle.

It is provided as a single installable CD-ROM and contains:

- CiscoWorks Common Services 3.0.5: Includes CS 3.0.4, which is an incremental release over CS 3.0.3.
- Resource Manager Essentials 4.0.5: Includes RME 4.0.4, which is an incremental release over RME 4.0.3.
- Campus Manager 4.0.6: Includes CM 4.0.4 and CM 4.0.5, which are incremental releases over CM 4.0.3.
- Device Fault Manager 2.0.6: Includes DFM 2.0.4 and DFM 2.0.5, which are incremental releases over DFM 2.0.3.
- CiscoView 6.1.5: Includes CV 6.1.4, which is an incremental release over CV 6.1.2.

There is no change in Internetwork Performance Monitor 2.6.

## New Features in LMS 2.6 Update

CiscoWorks LMS 2.6 Update provides new support for:

- Mozilla 1.7.13
- Sun UltraSPARC IV

### **CiscoWorks Common Services 3.0.5**

The following are the new features in CS 3.0.5:

- Common Services Home: The Common Services Home serves as the dashboard for the Common Services application.

The Common Services Home provides the launch points and top-level navigation for major functions in the Common Services application, and the status summary of jobs in the application.

- New Device Selector: Enhanced Device Selector with Search and Advance Search options.

- Integration of DCR and Device Center with the new Device Selector.
- LMS Setup Center: Provides you a single location to configure and edit the server settings of all LMS applications, including CS, RME, DFM, and CM.
- Support for MDF 1.12 (The MDF package 1.12 is a cumulative package that includes the new device types added after the release of CiscoWorks Common Services 3.0.3.)

See the *User Guide for CiscoWorks Common Services 3.0.5* for further details on these new features:

[http://www.cisco.com/en/US/products/sw/cscowork/ps3996/products\\_user\\_guide\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps3996/products_user_guide_list.html)

For resolved bugs in CS 3.0.5, see the *Release Notes for CiscoWorks Common Services 3.0.5 (Includes CiscoView 6.1.5) on Solaris*:

[http://www.cisco.com/en/US/products/sw/cscowork/ps3996/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps3996/prod_release_notes_list.html)

### **CiscoView 6.1.5**

In CiscoView 6.1.5, the Device Selector in chassis view and Mini-RMON are modified according to the new Device Selector.

See the *User Guide for CiscoView 6.1.5* for further details:

[http://www.cisco.com/en/US/products/sw/cscowork/ps4565/products\\_user\\_guide\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps4565/products_user_guide_list.html)

### **Resource Manager Essentials 4.0.5**

The following are the new features in RME 4.0.5:

- Check Device Attributes is now a schedulable job. You can select the credentials that you want to verify, and trigger a job for these credentials.
- Functional Homepage: A new functional homepage from where you can access all reports, carry out frequently used tasks, and view status of jobs. You can also view any alert messages.
- Performance Tuning Tool (PTT): You can tune system parameters using PTT to improve RME performance.
- Reports: Group-based selection of devices is enabled to generate reports.

See the *User Guide for Resource Manager Essentials 4.0.5* for further details on these new features:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products\\_user\\_guide\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products_user_guide_list.html)

For new device support, see the *Supported Device Table for Resource Manager Essentials 4.0.5*:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products\\_device\\_support\\_tables\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products_device_support_tables_list.html)

For resolved bugs in RME 4.0.5, see the *Release Notes for Resource Manager Essentials 4.0.5 on Solaris*:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2073/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2073/prod_release_notes_list.html)

### **Campus Manager 4.0.6**

Campus Manager 4.0.6 has an improved Admin Dashboard that provides information on the status of Device Discovery, Data Collection, and User Tracking Acquisition.

See the *User Guide for Campus Manager 4.0.6* for further details on new features:

[http://www.cisco.com/en/US/products/sw/cscowork/ps563/products\\_user\\_guide\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps563/products_user_guide_list.html)

For new device support, see the *Supported Devices Table for Campus Manager 4.0.6*:

[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 resolved bugs in CM 4.0.6, see the *Release Notes for Campus Manager 4.0.6 on Solaris*:

[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)

## Device Fault Manager 2.0.6

The following are the new features in DFM 2.0.6:

- **DFM Homepage**—The DFM homepage is an easy way to access frequently used operations. A link to the homepage is available from the CiscoWorks Home Page.
- **Dynamic Notification Groups**—You can set up dynamic notification groups in DFM. After a dynamic notification group is set up, any device that matches the criteria for that group is automatically added to the group.
- **Clearing Alerts and Events**—An option is now available to manually clear alarms and events.
- **Notification Replay**—You can set up DFM to send notifications if the application has to be restarted.
- **Maximum Trap Size**—The maximum trap size can be set to any value between 250 and 1024.

See the *User Guide for Device Fault Manager 2.0.6* for further details on the new features:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2421/products\\_user\\_guide\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2421/products_user_guide_list.html)

For new device support, see the *Supported Devices Table for Device Fault Manager 2.0.6*:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2421/products\\_device\\_support\\_tables\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2421/products_device_support_tables_list.html)

For resolved bugs in DFM 2.0.6, see the *Release Notes for Device Fault Manager 2.0.6 on Solaris*:

[http://www.cisco.com/en/US/products/sw/cscowork/ps2421/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2421/prod_release_notes_list.html)

# Hardware and Software Requirements

For the LMS 2.6 Update hardware and software requirements, see the *Quick Start Guide for LAN Management Solution 2.6*.

This document is available at this location:

[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)

## Prerequisites for CiscoWorks LMS 2.6 Update

You have to install the LMS 2.5.1 applications to be updated before installing the CiscoWorks LMS 2.6 Update.

For details, see the *Quick Start Guide for LAN Management Solution 2.6*:

[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)

Note the following:

- If you do not want to install one or more of the LMS 2.5.1 applications at present but plan to install them later, you must reinstall LMS 2.6 Update after you install the missing applications.

For example, if you install RME 4.0.3 after installing the LMS 2.6 Update, after installing RME 4.0.3, you must reinstall LMS 2.6 Update.

See [Installing CiscoWorks LMS 2.6 Update for Missing LMS 2.5.1 Applications, page 15](#).

- You cannot select individual application updates. This update automatically detects the installed LMS 2.5.1 applications and installs the required updates for that specific application.
- 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 4.0.5.

To upgrade RSC, you must install this update on the machine that contains RSC by following the same LMS 2.6 Update install instruction. See [Installing CiscoWorks LMS 2.6 Update on Solaris, page 8](#).

- You must have a minimum free space of 600 MB on your hard disk to install this update.
- If you do not have any of the applications at the LMS 2.5.1 level, the installation will terminate with an error message. For example, if you have RME 4.0 and try to install the LMS 2.6 Update, the installation will terminate.

## Downloading CiscoWorks LMS 2.6 Update for Solaris

You can download the LMS 2.6 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/cgi-bin/tablebuild.pl/lms26>

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

### Single Large File

A single LMS 2.6 Update file is available if you want to download one large file.

The Single Large File option has these files:

- lms26\_update\_sol\_k9.zip
- lms26\_update\_sol\_readme.pdf

## Multiple Small Files

The Single Large LMS 2.6 Update file is split into multiple small files if you want to download small files.

The Multiple Small Files option has these files:

- lms26\_update\_sol\_installer.sh
- lms26\_update\_sol\_k9\_1of3.zip
- lms26\_update\_sol\_k9\_2of3.zip
- lms26\_update\_sol\_k9\_3of3.zip
- lms26\_update\_sol\_readme.pdf

## Important Download Notes for LMS 2.6 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 600 MB on your hard disk to download this update.

## Installing CiscoWorks LMS 2.6 Update on Solaris

To install this update, login as root on the system on which you installed the LMS 2.5.1 applications. You must have superuser privileges on the system being updated.

The LMS 2.6 Update is installed in the same directory as LMS 2.5.1. By default, it is /opt/CSCOpX.

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 2.6, see the instructions provided in the *Data Migration Guide for LAN Management Solution 2.6* at this URL:

[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)

If you want to migrate (local) DFM 1.2.x data onto a fresh (remote) installation of DFM 2.0.6, you must use the migration script provided in the DFM Upgrade Kit (for LMS 2.5.1) on Cisco.com. Log into Cisco.com and point your browser to <http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm>. See the Readmes on the download site for installation instructions.

It takes approximately 1 hour and 20 minutes to install the complete update for CS, CV, RME, CM, and DFM.

The following sections describe the procedures for:

- [Installing the Single Large File Update, page 9](#)
- [Installing the Multiple Small Files Update, page 12](#)
- [Installing CiscoWorks LMS 2.6 Update for Missing LMS 2.5.1 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 2.6 Update files.
- Step 2** Unzip the `lms26_update_sol_k9.zip` file by entering:
- ```
# unzip lms26_update_sol_k9.zip
```
- The files are extracted under the `lms26_update_sol_k9` directory.
- Step 3** Change the directory to `lms26_update_sol_k9` by entering:
- ```
# cd lms26_update_sol_k9
```

**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 2.5.1 installation, the new updates are listed.

The following message appears:

```
LMS 2.6 update
=====
New Updates to be installed :
CiscoWorks Common Services 3.0.5 update
CiscoView 6.1.5 update
Resource Manager Essentials 4.0.5 update
Campus Manager 4.0.6 update
Device Fault Manager 2.0.6 update
Do you want to continue the installation:? (y/n) [y]:
```

**Step 7** Enter **y**.

The following message appears:

```
Do you want to tune RME to better utilize the available system
resources, and improve performance ?
Select Yes, to tune the performance parameters of RME towards the end
of installation.
Select No, to continue running RME using the existing default
performance parameters.
If you select No, you can tune the parameters later by running the
rmeptt CLI utility.
See the "Performance Tuning Tool" section of RME User Guide for
details.
```

The above message appears only if you have installed the update for RME, have a minimum of 4 GB RAM, and dual CPU.

- Step 8** Enter **y** to accept the new product profile or **n** if you do not want to apply the new product profile.

The following message appears:

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

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

- Step 9** Enter **y**.

During the installation, the following messages appear:

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

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

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

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

```
WARNING: To ensure that you have up-to-date device support,
WARNING: install the latest Service Pack (SP) from Cisco.com, at
WARNING: http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm.
WARNING: For installation details, refer to the DFM Installation and
Setup Guide.
```

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

```
WARNING: If you plan to install any of the LMS 2.5.1 applications
later,
WARNING: you must reinstall CiscoWorks LMS 2.6 Update
WARNING: 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 2.6 Update files.
- Step 2** Run the installation setup script by entering:
- ```
# sh lms26_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 the Multiple Small Files. See the [“Multiple Small Files” section on page 8](#) for the list of files.
  - If you have downloaded all 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 2.5.1 installation, the new updates are listed.
- The following message appears:
- ```
LMS 2.6 update
=====
New Updates to be installed :
CiscoWorks Common Services 3.0.5 update
CiscoView 6.1.5 update
```

```
Resource Manager Essentials 4.0.5 update
Campus Manager 4.0.6 update
Device Fault Manager 2.0.6 update
Do you want to continue the installation?: (y/n) [y]:
```

**Step 5** Enter **y**.

The following message appears:

```
Do you want to tune RME to better utilize the available system
resources, and improve performance ?
Select Yes, to tune the performance parameters of RME towards the end
of installation.
Select No, to continue running RME using the existing default
performance parameters.
If you select No, you can tune the parameters later by running the
rmeptt CLI utility.
See the "Performance Tuning Tool" section of RME User Guide for
details.
```

The above message appears only if you have installed the update for RME, have a minimum of 4 GB RAM, and dual CPU.

**Step 6** Enter **y** to accept the new product profile or **n** if you do not want to apply the new product profile.

The following message appears:

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

**Step 7** Enter **y**.

During the installation, the following messages appear:

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

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

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

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

WARNING: To ensure that you have up-to-date device support,

WARNING: install the latest Service Pack (SP) from Cisco.com, at

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

WARNING: For installation details, refer to the DFM Installation and Setup Guide.

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

WARNING: If you plan to install any of the LMS 2.5.1 applications later,

WARNING: you must reinstall CiscoWorks LMS 2.6 Update

WARNING: after installing these applications.

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

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## Verifying the LMS 2.6 Update Installation

After you install the CiscoWorks LMS 2.6 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:

| <b>Product Name</b>              | <b>Version With Patch Level</b> |
|----------------------------------|---------------------------------|
| CiscoWorks Common Services       | 3.0.5                           |
| Campus Manager                   | 4.0.6                           |
| CiscoView                        | 6.1.5                           |
| Device Fault Manager             | 2.0.6                           |
| Resource Manager Essentials      | 4.0.5                           |
| Internetwork Performance Monitor | 2.6                             |
| Integration Utility              | 1.6                             |

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

| <b>Product Name</b>        | <b>Version With Patch Level</b> |
|----------------------------|---------------------------------|
| CiscoWorks Common Services | 3.0.5                           |
| Remote Syslog Collector    | 4.0.5                           |

## Installing CiscoWorks LMS 2.6 Update for Missing LMS 2.5.1 Applications

If you install any of the LMS 2.5.1 applications after installing the LMS 2.6 Update, you must reinstall the LMS 2.6 Update once again.

To install this update, login as root on the system on which you installed the LMS 2.5.1 applications. You must have superuser privileges on the system being updated.

The following sections describe the procedures for:

- [Installing the Single Large File Update for Missing LMS 2.5.1 Applications, page 16](#)
- [Installing the Multiple Small Files Update for Missing LMS 2.5.1 Applications, page 19](#)

## Installing the Single Large File Update for Missing LMS 2.5.1 Applications

To install the Single Large File update for missing LMS 2.5.1 applications:

- 
- Step 1** Navigate to the location on your system where you have downloaded all the LMS 2.6 Update files.
- Step 2** Unzip the `lms26_update_sol_k9.zip` file by entering:
- ```
# unzip lms26_update_sol_k9.zip
```
- The files are extracted under the `lms26_update_sol_k9` directory.
- Step 3** Change the directory to `lms26_update_sol_k9` by entering:
- ```
# cd lms26_update_sol_k9
```
- 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 2.5.1 installation, the new updates are listed.

The following message appears:

```
LMS 2.6 update
=====
New Updates to be installed :
Device Fault Manager 2.0.6 update
Campus Manager 4.0.6 update
=====
Updates already installed :
CiscoWorks Common Services 3.0.5 update
CiscoView 6.1.5 update
Resource Manager Essentials 4.0.5 update

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

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

To continue with the installation, 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:

```
Do you want to tune RME to better utilize the available system
resources, and improve performance ?

Select Yes, to tune the performance parameters of RME towards the end
of installation.

Select No, to continue running RME using the existing default
performance parameters.

If you select No, you can tune the parameters later by running the
rmeptt CLI utility.

See the "Performance Tuning Tool" section of RME User Guide for
details.
```

The above message appears only if you have installed the update for RME, have a minimum of 4 GB RAM, and dual CPU.

**Step 8** Enter **y** to accept the new product profile or **n** if you do not want to apply the new product profile.

The following message appears:

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

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

**Step 9** Enter **y**.

During the installation, the following messages appear:

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

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

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

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

```
WARNING: To ensure that you have up-to-date device support,
WARNING: install the latest Service Pack (SP) from Cisco.com, at
WARNING: http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm.
WARNING: For installation details, refer to the DFM Installation and
Setup Guide.
```

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

```
WARNING: If you plan to install any of the LMS 2.5.1 applications
later,
```

```
WARNING: you must reinstall CiscoWorks LMS 2.6 Update
```

```
WARNING: 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 2.5.1 Applications

To install the Multiple Small Files update for missing LMS 2.5.1 applications:

- Step 1** Navigate to the location on your system where you downloaded the LMS 2.6 Update files.
- Step 2** Run this shell script by entering the command:
- ```
# sh lms26_update_sol_installer.sh
```
- If you have not downloaded all 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 the Multiple Small Files. See the [“Multiple Small Files” section on page 8](#) for the list of files.
  - If you have downloaded all 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 2.5.1 installation the new updates are listed.

The following message appears:

```
LMS 2.6 update
=====
New Updates to be installed :
Device Fault Manager 2.0.6 update
Campus Manager 4.0.6 update
=====
```

```
Updates already installed :
CiscoWorks Common Services 3.0.5 update
CiscoView 6.1.5 update
Resource Manager Essentials 4.0.5 update
```

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

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

To continue with the installation, 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:

```
Do you want to tune RME to better utilize the available system
resources, and improve performance ?
```

```
Select Yes, to tune the performance parameters of RME towards the end
of installation.
```

```
Select No, to continue running RME using the existing default
performance parameters.
```

```
If you select No, you can tune the parameters later by running the
rmeptt CLI utility.
```

```
See the "Performance Tuning Tool" section of RME User Guide for
details.
```

The above message appears only if you have installed the update for RME, have a minimum of 4 GB RAM, and dual CPU.

**Step 6** Enter **y** to accept the new product profile or **n** if you do not want to apply the new product profile.

The following message appears:

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

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

**Step 7** Enter `y`.

During the installation, the following messages appear:

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

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

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

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

```
WARNING: To ensure that you have up-to-date device support,  
WARNING: install the latest Service Pack (SP) from Cisco.com, at  
WARNING: http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-dfm.  
WARNING: For installation details, refer to the DFM Installation and  
Setup Guide.
```

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

```
WARNING: If you plan to install any of the LMS 2.5.1 applications  
later,  
WARNING: you must reinstall CiscoWorks LMS 2.6 Update  
WARNING: after installing these applications.
```

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

---

## Reinstalling CiscoWorks LMS 2.6 Update

To reinstall CiscoWorks LMS 2.6 Update, follow the instructions in the section, [Installing CiscoWorks LMS 2.6 Update on Solaris, page 8](#).

# Known and Resolved Problems

Table 1 contains the known problems for LMS 2.6 Update.

To review all the known and resolved problems, see the LMS 2.6 application Releases Notes.

- *Release Notes for CiscoWorks Common Services 3.0.5 (Includes CiscoView 6.1.5) on Solaris*  
[http://www.cisco.com/en/US/products/sw/cscowork/ps3996/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps3996/prod_release_notes_list.html)
- *Release Notes for Resource Manager Essentials 4.0.5 on Solaris*  
[http://www.cisco.com/en/US/products/sw/cscowork/ps2073/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2073/prod_release_notes_list.html)
- *Release Notes for Campus Manager 4.0.6 on Solaris*  
[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)
- *Release Notes for Device Fault Manager 2.0.6 on Solaris*  
[http://www.cisco.com/en/US/products/sw/cscowork/ps2421/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2421/prod_release_notes_list.html)
- *Release Notes for Internetwork Performance Monitor 2.6*  
[http://www.cisco.com/en/US/products/sw/cscowork/ps1008/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps1008/prod_release_notes_list.html)

**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 2.6 Update Known Problems**

| Bug ID                    | Summary                                                           | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CSCsf11765<br>(RME 4.0.5) | Previous selection is not reflected in CS.                        | <p>This problem occurs when you:</p> <ol style="list-style-type: none"> <li>1. Enable All Application Groups from CS &gt; Device and Credentials &gt; Device Selector Settings &gt; Group Customization.</li> <li>2. Go to RME and select devices for some operation. For example, config fetch.</li> <li>3. Navigate to CS &gt; Device Management &gt; RME &gt; Previous Selection.</li> </ol> <p>No device is listed under the Previous Selection group.</p> <p>Workaround:<br/>None.</p> |
| CSCse84009<br>(DFM 2.0.6) | Active alerts in AAD do not show the events associated with them. | <p>After upgrading to LMS 2.6 from LMS 2.5.1, no event information is displayed when you click any of the alert IDs in DFM.</p> <p>Workaround:<br/>None.</p>                                                                                                                                                                                                                                                                                                                                |

# 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 2.6**

The following are the available user documents for LAN Management Solution 2.6:

- *Quick Start Guide for LAN Management Solution 2.6*
- *Quick Start Guide for LAN Management Solution 2.6 (Maintenance Kit)*
- *Data Migration Guide for LAN Management Solution 2.6*

The above documents are available in the LMS 2.6 product package and also on Cisco.com at this URL:

[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)

- *Cisco LAN Management Solution 2.5 Deployment Guide:*  
[http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod\\_white\\_papers\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod_white_papers_list.html)
- Cisco LAN Management Solution Data Sheets, White Papers, etc:  
<http://www.cisco.com/en/US/products/sw/cscowork/ps2425/index.html>

**Common Services 3.0.5**

The following are the available user documents for Common Services 3.0.5:

- *Release Notes for CiscoWorks Common Services 3.0.5 (Includes CiscoView 6.1.5) on Solaris*
- *Installation and Setup Guide for CiscoWorks Common Services 3.0.5 on Solaris*
- *User Guide for CiscoWorks Common Services 3.0.5*
- *User Guide for CiscoWorks Integration Utility 1.6*

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

[http://www.cisco.com/en/US/products/sw/cscowork/ps3996/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/cscowork/ps3996/tsd_products_support_series_home.html)

### **Resource Manager Essentials 4.0.5**

The following are the available user documents for RME 4.0.5:

- *Release Notes for Resource Manager Essentials 4.0.5 on Solaris*
- *Installation and Setup Guide for Resource Manager Essentials 4.0.5 on Solaris*
- *User Guide for Resource Manager Essentials 4.0.5*
- *Supported Device Table for Resource Manager Essentials 4.0.5*

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

[http://cisco.com/en/US/products/sw/cscowork/ps2073/tsd\\_products\\_support\\_series\\_home.html](http://cisco.com/en/US/products/sw/cscowork/ps2073/tsd_products_support_series_home.html)

The RME Troubleshooting Tips and FAQs is available at this URL:

[http://cisco.com/en/US/products/sw/cscowork/ps2073/prod\\_troubleshooting\\_guide09186a008036dff2.html](http://cisco.com/en/US/products/sw/cscowork/ps2073/prod_troubleshooting_guide09186a008036dff2.html)

### **Campus Manager 4.0.6**

The following are the available user documents for Campus Manager 4.0.6:

- *Release Notes for Campus Manager 4.0.6 on Solaris*
- *Installation and Setup Guide for Campus Manager 4.0.6 on Solaris*
- *User Guide for Campus Manager 4.0.6*
- *Supported Devices Table for Campus Manager 4.0.6*

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

[http://cisco.com/en/US/products/sw/cscowork/ps563/tsd\\_products\\_support\\_series\\_home.html](http://cisco.com/en/US/products/sw/cscowork/ps563/tsd_products_support_series_home.html)

**Device Fault Manager 2.0.6**

The following are the available user documents for DFM 2.0.6:

- *Release Notes for Device Fault Manager 2.0.6 on Solaris*
- *Installation and Setup Guide for Device Fault Manager 2.0.6 on Solaris*
- *User Guide for Device Fault Manager 2.0.6*
- *Supported Devices Table for Device Fault Manager 2.0.6*

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

[http://www.cisco.com/en/US/products/sw/cscowork/ps2421/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2421/tsd_products_support_series_home.html)

**CiscoView 6.1.5**

*User Guide for CiscoView 6.1.5*

This document is available on Cisco.com at this URL:

[http://www.cisco.com/en/US/products/sw/cscowork/ps4565/products\\_user\\_guide\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps4565/products_user_guide_list.html)

**Internetwork Performance Monitor 2.6**

The following are the available user documents for IPM 2.6:

- *Release Notes for Internetwork Performance Monitor 2.6*
- *Installation Guide for Internetwork Performance Monitor 2.6*
- *User Guide for Internetwork Performance Monitor 2.6*

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

[http://www.cisco.com/en/US/products/sw/cscowork/ps1008/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/cscowork/ps1008/tsd_products_support_series_home.html)

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