



# Readme for Cisco Nexus Series Package

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## Description

This version of Cisco Nexus Series Package adds Resource Manager Essentials (RME) support for the following device:

- Cisco Nexus 4000V Series Switches

## Whats New

Inventory, config and swim support are added for Nexus4000.

## Supported Devices

**Table 1** Supported Devices in Cisco Nexus Series Package

Device Type	Devices/ Modules Supported	sysObjectID	Inven- tory Manager	Syslog Analyzer	Con- fig. Mgmt.	Soft- ware Mgmt.	Minimum Soft- ware
Data Center Switches	Cisco Nexus 1000V Series Switches	1.3.6.1.4.1.9.12.3.1.3.840	Yes	Yes	Yes	Yes	12.2(50)SE1
Data Center Switches	Cisco Nexus 4000V Series Switches	1.3.6.1.4.1.9.12.3.1.3.903	Yes	Yes	Yes	Yes	12.2(50)SE1
Data Center Switches	Cisco Nexus 4000V Series Switches	1.3.6.1.4.1.9.12.3.1.3.930	Yes	Yes	Yes	Yes	12.2(50)SE1

## Hardware and Software Requirements

Hardware and software requirements are the same as those needed for Resource Manager Essentials 4.3.1 installation.



### Note

You must install Resource Manager Essentials 4.3.1 and MDF 1.31 before installing the device package.

For a detailed list of requirements, as well as instructions for installing Resource Manager Essentials 4.3.1, go to Cisco.com.

For documentation on Resource Manager Essentials, see:

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

## Package Dependencies

To install the Cisco Nexus Series Package, you must install the following dependent packages:

- SharedDemaSS.RME431.v2-2.zip
- SharedInventoryMDS.RME431.v1-5-1.zip

- SharedSwimMDS9000.RME431.v1-6-1.zip
- SharedNetshowSS.RME431.v1-1.zip

## Downloading Resource Manager Essentials 4.3.1

To download Resource Manager Essentials updates:

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- Step 1** Click <http://www.cisco.com/public/sw-center/index.shtml>.  
You must be a registered Cisco.com user to access this Software Download site. The site prompts you to enter your Cisco.com username and password in the login screen, if you have not logged in already.
  - Step 2** Select the **Software Product Category** as **Network Management**.
  - Step 3** Select **Routing and Switching Management > CiscoWorks LAN Management Solution Bundle > CiscoWorks Resource Manager Essentials > CiscoWorks Resource Manager Essentials 4.3.1** from the product tree.
  - Step 4** Select the product software type as **CiscoWorks Resource Manager Essentials Device Package Updates**.
  - Step 5** Select a product release version from the Latest Releases folder.  
The device packages corresponding to the selected product version display at the right of the web page.
  - Step 6** Locate the device package update files which you want to download.
  - Step 7** Click the **Download Now** button to download and save the device package file to any local directory on CiscoWorks Server.
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## Installing the Package

You can install the device package by either:

- [Installing From Cisco.com Using CiscoWorks GUI](#)

Or

- [Installing From a Local Directory on CiscoWorks Server](#)



**Note**

You can choose to install other Resource Manager Essentials device packages along with this device package.

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## Installing From Cisco.com Using CiscoWorks GUI

To install the Cisco Nexus Series Package from CiscoWorks GUI:

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- Step 1** Go to the CiscoWorks Homepage and select **Common Services > Software Center > Device Update**.
  - Step 2** Check the Resource Manager Essentials check box, and click **Check for Updates**.
  - Step 3** Go to the Source Location page, select **Cisco.com** and click **Next**.

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.

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 4** Enter the required credentials and click **Next**.

**Step 5** Select **Nexus** from the list of Available Device Packages and click **Next**.



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**Note** You can choose either to install directly or download to a local directory. If you choose to download, you can install the package later.

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**Step 6** Select **Install Device Packages** and click **Next**.

The installation summary appears.

**Step 7** Click **Finish** to confirm your inputs for installation.

A window with warnings and installation details appears informing you that all the daemons will be restarted.

**Step 8** Click **OK** to start the installation.

Any one of the following messages appears during installation:

- Page Cannot be Displayed
- Page Not Found
- Cannot Find Server or DNS
- Document contains no data

This behavior is normal for Software Center when the daemon manager restarts. This may take a few minutes.

**Step 9** Close the browser window and log into CiscoWorks again.

You can check the installation status from the CiscoWorks Homepage by selecting **Common Services > Software Center > Activity Log > Event Log**.

To ensure that the installation is successful, go to **Common Services > Software Center > Device Update**. Click **Resource Manager Essentials** and ensure that the device package you installed is listed.

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## Installing From a Local Directory on CiscoWorks Server

You can install the Cisco Nexus Series Package from a local directory by either:

- [Using CiscoWorks GUI](#)

Or

- [Using PSU CLI](#)

## Using CiscoWorks GUI

To install the Cisco Nexus Series Package using CiscoWorks Graphical User Interface (GUI):

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- Step 1** Go to **Common Services > Software Center > Device Update** from the CiscoWorks homepage.
- Step 2** Check the Resource Manager Essentials check box and click **Check for Updates**.
- Step 3** Go to the Source Location page and select **Enter Server Path**.
- Step 4** Enter the path where the device package file is stored in the local directory and click **Next**.
- Step 5** Select **Nexus** from the list of Available Device Packages and click **Next**.
- Step 6** Select **Install Device Packages** and click **Next**.
- The Installation summary appears with details of the selected device packages.
- Step 7** Click **Finish**.
- A window with warnings and installation details appears informing you that all the daemons will be restarted.
- Step 8** Click **OK** to start the installation.
- Any one of the following messages appears during installation:
- Page Cannot be Displayed
  - Page Not Found
  - Cannot Find Server or DNS
  - Document contains no data
- This behavior is normal for Software Center when the daemon manager restarts. This may take a few minutes.
- Step 9** Close the browser window and log into CiscoWorks again.
- You can check the installation status from the Cisco.com, by selecting **Common Services > Software Center > Activity Log > Event Log**.
- To ensure that the installation is successful, go to **Common Services > Software Center > Device Update**. Click **Resource Manager Essentials** and ensure that the device package you installed is listed.
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## Using PSU CLI

To install the Cisco Nexus Series Package using Package Support Updater Command Line Interface (PSU CLI):

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- Step 1** Download the package to a local directory on CiscoWorks server.
- Step 2** Enter the following commands to install the package.
- On Solaris:
 

```
NMSROOT/bin/PSUcli.sh -p rme -install -src local directory Nexus
```
  - On Windows:
 

```
NMSROOT\bin\PSUcli -p rme -install -src local directory Nexus
```

Replace *NMSROOT* with the actual path of the CiscoWorks installation directory.

The following are the default locations of *NMSROOT* on Solaris and Windows:

- On Solaris: /opt/CSCOpX/
  - On Windows: C:\Progra~1\CSCOpX
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For more details on using Software Center to install new packages, see:

[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)

## Verifying Installation

To check whether the Cisco Nexus Series Package is installed successfully:

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- Step 1** Log into CiscoWorks.
- Step 2** Go to **Common Services > Software Center > Device Update**.  
The Device Updates page appears.
- Step 3** Click **Resource Manager Essentials** in the Device Updates page.  
The Package Map for Resource Manager Essentials appears.
- Step 4** Locate **Nexus** in the Package Map, and check its version.  
If the version is 2.2, the installation is successful.
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## Uninstalling the Package

To uninstall the Cisco Nexus Series Package:

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- Step 1** Go to **Common Services > Software Center > Device Update** from the CiscoWorks Homepage.
- Step 2** Check the Resource Manager Essentials check box and click **Delete Packages**.  
The list of installed packages appear.
- Step 3** Select **Nexus** and click **Next**.  
The summary details of the device packages selected for uninstallation appear.
- Step 4** Click **Finish**.

Any one of the following messages appears during the uninstallation:

- Page Cannot be Displayed
- Page Not Found
- Cannot Find Server or DNS
- Document contains no data

This behavior is normal for Software Center when the Daemon Manager restarts. This may take a few minutes.

**Step 5** Close the browser window and log into CiscoWorks again.

You can check the uninstallation status from the CiscoWorks Homepage, by selecting **Common Services > Software Center > Activity Log > Event Log**.

To ensure that the uninstallation is successful, go to **Common Services > Software Center > Device Update**. Click **Resource Manager Essentials** and ensure that the device package you uninstalled is removed.

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## Uninstalling Using PSU CLI

You can also uninstall the Cisco Nexus Series Package using the following PSU CLI command:

```
PSUCLI.sh -p rme -u Nexus
```

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