

## Installing the AS5200 Manager

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The AS5200 Manager application will be available on CD-ROM in the near future. Until then, you must download this application as described in this chapter. This chapter includes the following:

- System requirements
- Instructions for downloading the Cisco AS5200 tar file from Cisco Customer Connection Online (CCO) on the world wide WEB
- Instructions for downloading the Cisco AS5200 tar file by using the anonymous FTP service

The tar file (\*.tar) includes the AS5200 Manager application, which is an electronic network management package file (\*.pkg). This file enables you to view and manage the Cisco AS5200 hardware device using CiscoView.

### System Requirements

Before installing the Cisco AS5200 package file onto CiscoView, make sure that CiscoView Release 3.1 is properly installed, and make sure your UNIX system meets the CiscoView requirements listed in Table 2-1 and Table 2-2.

**Table 2-1 Typical CiscoView System Requirements**

Operating System	Available Disk Space	RAM
SunOS 4.1.3 (Solaris 1.x), SunOS 4.1.3_U1, or SunOS 4.1.4	45 MB	32 MB

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**Table 2-2 Hardware and Software Requirements and Compatible Software**

Sun Workstation	
<b>Hardware</b>	Sun SPARCstation Color monitor
<b>Software</b>	
Windowing system	X11R4 or X11R5 OpenWindows 3.0 or 3.3, and Motif 1.2
Network management software (not required)	SunNet Manager 2.2.2 or HP OpenView 3.3

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**Note** For details about CiscoView requirements and installation, see the *CiscoView CD Installation Instructions* included with the CiscoView CD-ROM.

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Additional requirements follow:

- You must have a valid X server (as listed in Table 2-2) from which to perform the installation.
- If you are installing on a Network File System- (NFS) mounted drive, you need root authority on the NFS partition.

## Downloading from Customer Connection Online (CCO)

Cisco Customer Connection Online (CCO), formerly Cisco Information Online (CIO), is the Cisco online support channel. This section describes how to download from CCO.

All of the following steps must be completed to properly download from CCO:

**Step 1** Make sure you are running CiscoView 3.1 or later.

**Step 2** Create a *cv\_pkgs* directory in the *install\_directory* on your workstation.

**Step 3** Change the default directory to *cv\_pkgs*.

**Step 4** Access CCO.

**Step 5** Download the tar file onto your workstation.

**Step 6** Untar the tar file.

**Step 7** Install the package file onto CiscoView.

**Step 8** Check the *cvinstall.log* file.

Details about the above steps follow.

## Make Sure You Are Running CiscoView 3.1 or Later

Follow these steps to make sure you are running CiscoView 3.1 or later:

**Step 1** From any directory on your workstation, open CiscoView 3.1 by entering **nmcview**.

**Step 2** Select **Help**, then **About CiscoView** to check the version number.

**Step 3** Proceed to the next section.

## Create a *cv\_pkgs* Directory in the *Install\_Directory* on Your Workstation

Follow these steps to create a *cv\_pkgs* directory:

**Step 1** Change to the directory containing the CiscoView application files. This guide refers to this directory as the *install\_directory*. Example: `/usr/nms`.

**Step 2** Create a *cv\_pkgs* subdirectory by entering a command similar to the following:

**mkdir cv\_pkgs**

This *cv\_pkgs* subdirectory is the target directory used when downloading the tar file from CCO.

**Step 3** Proceed to the next section.

## Change the Default Directory to *cv\_pkgs*

Follow these steps to change the default directory to *cv\_pkgs*:

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**Step 1** Enter a command similar to the following at the command line prompt of your workstation:

**cd cv\_pkgs**

**Step 2** Proceed to the next section.

## Access CCO

Depending on the type of network access you have, you can log in as either of the following:

- A guest user of CCO
- A registered user of CCO

Log in as either a guest or registered user as described next.

## Logging in as a Guest User of CCO and Downloading the Tar File

If you are not registered on CCO, you can be granted a special access code to access the AS5200 tar file. Follow these steps to log in as a guest and download the tar file:

**Step 1** From a WEB browser, access CCO by entering the following URL:

**<http://www.cisco.com>**

**Step 2** Select **Cisco Enterprise Guest**.

**Step 3** Select **Software Library**.

**Step 4** Scroll down to **Other Software Products**.

**Step 5** Select **Special Files**.

A prompt for your special access code appears. To access this window directly, enter this URL (however, this URL might change without notice):

**[http://www.cisco.com/public/library/spc\\_req.shtml](http://www.cisco.com/public/library/spc_req.shtml)**

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**Step 6** To get a special access code, contact the Cisco Technical Assistance Center (TAC):

- 800 553-2447
- 408 526-7209

When you call, select the telephone menu option for Technical Support. TAC is part of Technical Support. Ask to be forwarded to the CiscoView support team. You can also send email to [tac@cisco.com](mailto:tac@cisco.com) or [cco-team@cisco.com](mailto:cco-team@cisco.com). Ask for a special access code for downloading the AS5200 CiscoView network management tar file.

**Step 7** After obtaining a special access code, at the prompt, enter your special access code.

**Step 8** Press **OK** to pass the security warning message.

**Step 9** Click the selection button to the left of the AS5200 tar file.

The tar file contains the package file (\*.pkg) and associated ReadMe file.

**Step 10** Click **Execute**.

**Step 11** Follow the instructions on the screen to confirm the transfer; select the CCO server from which to download: **United States (San Jose)** or **European**.

**Step 12** Depending on your browser, you might be prompted to save the file to your workstation. Again, depending on your browser, a Filter window might appear with Directories, Files, and Selection sections.

By default, your home directory is selected as the target directory for the tar file download. We recommend that you download the tar file to the *cv\_pkgs* directory on your workstation.

**Step 13** If the Filter window appears, complete this step. In the Selection section of the Filter window, enter the complete destination path and filename of the tar file to be downloaded. Example:

```
/usr/nms/cv_pkgs/AS5200.cv311.P1-0.tar
```

**Step 14** After the file is downloaded, close the WEB browser window.

**Step 15** Proceed to the section “Untar the Tar File.”

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### Logging in as a Registered User of CCO

Follow these steps to log in as a registered user:

- Step 1** From a WEB browser, access CCO by entering the following URL:  
**`http://www.cisco.com`**
- Step 2** To access the Software Image Library directly, enter the following URL:  
**`http://www.cisco.com/kobayashi/Library_root.shtml`**
- Step 3** At the prompts, enter your CCO userid and password.
- Step 4** Proceed to the next section.

### Download the Tar File

This section applies to only registered users. To download the tar file onto your workstation, use Method A or B described next.

#### Method A: Downloading the Tar File from the CCO Software Library

This section applies to only registered users. Follow these steps to download the tar file from the CCO software library:

- Step 1** Access the CCO Software Image Library as described in the previous “Logging in as a Registered User of CCO” section.
- Step 2** Scroll down to the **Enterprise Network Management Products** section.
- Step 3** Select **CiscoView 3.1.1 Software Update Packages**.
- Step 4** Click the selection button to the left of **AS5200.cv311.Px-x.tar**.  

The *x-x* is the version number of the tar file. The tar file contains the package file (\*.pkg) and associated ReadMe file.
- Step 5** Click **Execute**.
- Step 6** Select the CCO server from which to download: **United States (San Jose)** or **European**.
- Step 7** At the prompt, reenter your password.

**Step 8** Depending on your browser, you might be prompted to save the file to your workstation, with a message like “Choose How to Handle,” or “Save As.” You might need to select the **File** menu, then **Save As**.

Again, depending on your browser, a Filter window might appear, with Directories, Files, and Selection sections.

By default, your home directory is selected as the target directory for the tar file download. We recommend that you download the tar file to the *cv\_pkgs* directory on your workstation.

**Step 9** If the Filter window appears, complete this step. In the Selection section of the Filter window, enter the complete destination path and filename of the tar file to be downloaded. Example:

```
/usr/nms/cv_pkgs/AS5200.cv311.P1-0.tar
```

**Step 10** After the file is downloaded, close the WEB browser window.

**Step 11** Proceed to the section “Untar the Tar File.”

### Method B: Downloading the Tar File from the CIO FTP Server

This section applies to only registered users. Follow these steps to download the tar file from the CIO FTP server:

**Step 1** Access CCO as described in the previous “Logging in as a Registered User of CCO” section.

**Step 2** Enter the following in the URL field to go to the CIO FTP server:

```
ftp://www.cisco.com/cisco/netmgmt/ciscoview/3.1.1/packages
```

**Step 3** Select the file that begins with **AS5200.cv311...**

Depending on your browser, you might be prompted to save the file to your workstation, with a message like “Choose How to Handle” or “Save As.” You might need to select the **File** menu, then **Save As**.

Again, depending on your browser, a Filter window might appear, with Directories, Files, and Selection sections.

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By default, your home directory is selected as the target directory for the tar file download. We recommend that you download the tar file to the *cv\_pkgs* directory on your workstation.

**Step 4** If the Filter window appears, complete this step. In the Selection section of the Filter window, enter the complete destination path and filename of the tar file to be downloaded. Example:

```
/usr/nms/cv_pkgs/AS5200.cv311.P1-0.tar
```

**Step 5** After the file is downloaded, close the WEB browser window.

**Step 6** Proceed to the next section.

## Untar the Tar File

Follow these steps to untar the tar file:

**Step 1** Enter the following in the *cv\_pkgs* directory on your workstation:

```
tar -xvf tar_file_name
```

*tar\_file\_name* is the name of your tar file.

Example:

```
tar -xvf AS5200.cv311.P1-0.tar
```

The package file (\*.pkg) and the associated ReadMe file are untarred.

**Step 2** Proceed to the next section.

## Install the Package File onto CiscoView

Follow these steps to install the package file (\*.pkg) onto CiscoView:

**Step 1** Check the environment variable by entering the following from any directory:

```
env
```

The reply should include NMSROOT.



**Step 2** If NMSROOT does not appear in the reply, set the NMSROOT environment variable by entering the following from any directory:

**setenv NMSROOT *install\_directory***

*install\_directory* is the directory containing the recommended *cv\_pkgs* subdirectory and the CiscoView application files. Example: */usr/nms*.

**Step 3** Login as root. One way to do this is to enter the following:

**su root**

A prompt for your password appears; enter the root password.

To check that you are properly logged in, enter the following:

**whoami**

If the response is *root*, you are logged in as root, and you are a superuser.

**Step 4** Install the package file onto CiscoView by entering the following in the *cv\_pkgs* directory:

**\$NMSROOT/bin/cvinstall *AS5200.pkg***

*AS5200.pkg* is the name of the package file.

This *cvinstall* install script installs the Cisco AS5200 package file from the *cv\_pkgs* directory.

You are finished with the installation. Optionally, you can check the log file as follows.

## Check the *cvinstall.log* File

If problems occur during the installation, you can check the log file (*cvinstall.log*) in your *install\_directory*, which contains the CiscoView application files. Example: */usr/nms*.

After you check the log file, go to Chapter 3, “Getting Started,” for launching information.

# Using Anonymous FTP to Download the Tar File

This section describes another way to download the tar file, using the anonymous FTP service. Customers with a SmartNet contract can download the tar file using the Cisco anonymous FTP service from the UNIX command line.

All of the following steps must be completed to properly download using the FTP service:

- Step 1** Make sure you are running CiscoView 3.1 or later.
- Step 2** Create a *cv\_pkgs* directory in the *install\_directory* on your workstation.
- Step 3** Change the default directory to *cv\_pkgs*.
- Step 4** Download the tar file into the *cv\_pkgs* directory on your workstation.
- Step 5** Untar the tar file.
- Step 6** Install the package file onto CiscoView.
- Step 7** Check the *cvinstall.log* file.

Details about the above steps follow.

## Make Sure You Are Running CiscoView 3.1 or Later

Follow these steps to make sure you are running CiscoView 3.1 or later:

- Step 1** From any directory on your workstation, open CiscoView 3.1 by entering **nmcview**.
- Step 2** Select **Help**, then **About CiscoView** to check the version number.
- Step 3** Proceed to the next section.

## Create a *cv\_pkgs* Directory in the *Install\_Directory* on Your Workstation

Follow these steps to create a *cv\_pkgs* directory:

- Step 1** Change to the directory containing the CiscoView application files. This guide refers to this directory as the *install\_directory*. Example: `/usr/nms`.

**Step 2** Create a *cv\_pkgs* subdirectory by entering a command similar to the following:

**mkdir cv\_pkgs**

This *cv\_pkgs* subdirectory is the target directory used when downloading the tar file from CCO.

**Step 3** Proceed to the next section.

### Change the Default Directory to *cv\_pkgs*

Follow these steps to change the default directory to *cv\_pkgs*:

**Step 1** Enter a command similar to the following at the command line prompt of your workstation:

**cd cv\_pkgs**

**Step 2** Proceed to the next section.

### Download the Tar File

Follow these steps to download the tar file:

**Step 1** Enter the following command line:

**ftp www.cisco.com**

(If you are installing from within Cisco, enter **pftp www.cisco.com**.)

**Step 2** When prompted for *Name*, enter your user ID, which is typically your name. Your user ID is associated with your SmartNet contract.

If you do not have a user ID, are not registered on CCO, and do not have a SmartNet contract, you need to get a special access code. Customers can be granted a special access code by contacting the Cisco Technical Assistance Center (TAC):

- 800 553-2447
- 408 526-7209

## Using Anonymous FTP to Download the Tar File

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When you call, select the telephone menu option 1. TAC is part of Technical Support (option 1). Ask to be forwarded to the CiscoView support team. You can also send email to [tac@cisco.com](mailto:tac@cisco.com).

After obtaining a special access code, enter it when prompted.

**Step 3** When prompted for your password, enter your e-mail address as the password.  
The `ftp>` prompt appears.

**Step 4** Enter the following command line to go to the tar file location:

**`cd cisco/netmgmt/ciscoview/3.1.1/packages`**

**Step 5** Enter `ls` to list the files in the directory.

A typical filename is *AS5200.cv311.Px-x.tar*. The *x-x* is the version number of the tar file. The tar file contains the package file (\*.pkg) and associated ReadMe file.

**Step 6** Enter the following **get** command line to download the tar file to your UNIX workstation. Example:

`get AS5200.cv311.P1-0.tar`

**Step 7** To quit the FTP application and return to the UNIX prompt, enter the following:  
**`quit`**

**Step 8** Proceed to the next section.

## Untar the Tar File

Follow these steps to untar the tar file:

**Step 1** Enter the following in the *cv\_pkgs* directory on your workstation:

**`tar -xvf tar_file_name`**

*tar\_file\_name* is the name of your tar file.

Example:

`tar -xvf AS5200.cv311.P1-0.tar`

The package file (\*.pkg) and associated ReadMe file are untarred.

**Step 2** Proceed to the next section.

## Install the Package File onto CiscoView

Follow these steps to install the package file (\*.pkg) onto CiscoView:

**Step 1** Check the environment variable by entering the following from any directory:

**env**

The reply should include NMSROOT.

**Step 2** If NMSROOT does not appear in the reply, set the NMSROOT environment variable by entering the following from any directory:

**setenv NMSROOT *install\_directory***

*install\_directory* is the directory containing the recommended *cv\_pkgs* subdirectory and the CiscoView application files. Example: */usr/nms*.

**Step 3** Login as root. One way to do this is to enter the following:

**su root**

A prompt for your password appears; enter the root password.

To check that you are properly logged in, enter the following:

**whoami**

If the response is *root*, you are logged in as root, and you are a superuser.

**Step 4** Install the package file onto CiscoView by entering the following in the *cv\_pkgs* directory:

**\$NMSROOT/bin/cvinstall *AS5200.pkg***

*AS5200.pkg* is the name of the package file.

This *cvinstall* install script installs the Cisco AS5200 package file from the *cv\_pkgs* directory.

You are finished with the installation. Optionally, you can check the log file as follows.

## Reinstalling the Cisco AS5200 Package File

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### Check the cvinstall.log File

If problems occur during the installation, you can check the log file (*cvinstall.log*) in your *install\_directory*, which contains the CiscoView application files. Example: `/usr/nms`.

After you check the log file, go to Chapter 3, “Getting Started,” for launching information.

## Reinstalling the Cisco AS5200 Package File

You can rerun the `cvinstall` script at any time to reinstall the Cisco AS5200 package file.