



Prerequisites

This chapter describes the factors that you must consider before installing CiscoWorks Common Services 3.0 (Common Services) on a Solaris system.

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Product Overview

CiscoWorks Common Services (Common Services) represents a common set of management services that are shared by CiscoWorks applications. CiscoWorks is a family of products based on Internet standards for managing networks and devices. All CiscoWorks products use and depend on Common Services.

Common Services provides a foundation for CiscoWorks applications to share a common model for data storage, login, user role definitions, access privileges, security protocols, as well as navigation. It creates a standard user experience for all management functions. It also provides the common framework for all basic

system level operations such as installation, data management including backup-restore and import-export, event and message handling, job and process management.

Common Services 3.0 provides a set of new features required to drive the CiscoWorks applications towards a common look and feel. The new CiscoWorks Homepage replaces the existing desktop.

Common Services 3.0 enables sharing of critical information among the various products. It provides a new framework for delivering timely support of new devices. It also supports new platforms, and provides enhanced security mechanisms.

The CD-ROM that contains CiscoWorks Common Services 3.0 also includes the following components:

- CiscoView 6.1—A graphical device management tool.
- Integration Utility 1.6—An integration module that supports third-party network management systems (NMS).

Common Services Upgrade Paths

[Table 1-1](#) describes the different local upgrade paths and results. See [Chapter 2, “Installing CiscoWorks Common Services,”](#) for installation instructions.

Table 1-1 *Upgrade Paths*

Existing Software	Results
New System	Common Services 3.0 is installed in the specified directory.
CiscoWorks Common Services 3.0	Reinstallation of Common Services 3.0 overwrites the previously installed Common Services components. All data is preserved.
CiscoWorks Common Services 2.2	Common Services 3.0 overwrites the previously installed Common Services components. All data is preserved.
CD One, 5th Edition	Common Services 3.0 overwrites the previously installed CD One, 5th Edition components. All data is preserved.

Server Requirements

Table 1-2 shows the minimum system requirements for installing Common Services.

Table 1-2 *Server System Requirements*¹

Requirement Type	Minimum Requirements
System hardware	<ul style="list-style-type: none"> • Sun UltraSPARC10². • Color monitor. • CD-ROM drive.
Memory (RAM)	512 MB (to install all Common Services components).
Available drive space	<ul style="list-style-type: none"> • 2 GB on the partition on which you install the product (The default is /opt). • Minimum 1024 MB Swap space.
System software	<p>Solaris 2.8 and Solaris 2.9.</p> <p>Common Services 3.0 supports only US-English and Japanese versions of Solaris Operating Systems. It does not support any other language version. Set the default locale to US-English for US-English version and Japanese for Japanese version.</p> <p>We recommend that you install the Solaris Operating System in entire distribution mode.</p>
Additional software (Optional)	<ul style="list-style-type: none"> • Netscape Navigator 7.0 (if you are using the desktop on the server system). • Mozilla 1.7.
Browsers	

1. Minimum requirements vary, depending on which components you choose to install:
Integration Utility alone requires 512 MB RAM and 50 MB disk space.
CiscoView alone requires 512 MB RAM and 175 MB disk space.
2. CiscoWorks Common Services supports Ultra SPARC II, Iii, and Iie and Ultra SPARC III and III Cu machines.



Caution

Do not use non standard java options through JAVA_OPTIONS environment variable.

To verify the amount of available disk space in each of the specified partitions and directories, enter:

```
# df -k directory
```

where *directory* is the partition or directory for which you want to check the available disk space.

Solaris Patches

Table 1-3 lists the required and recommended patches for Solaris 2.8 and 2.9. The required patches are mandatory for all Common Services features to function properly. The recommended patches are optional. Some of the Common Services features may not work if these patches are not installed on your system.

Table 1-3 *Solaris Patches*

Operating System	Required Server Patches	Required Client Patches	Recommended Server Patches	Recommended Client Patches
Solaris 2.8	111327-05	111626-03	110951-01	110951-05
	110945-08	108652-81	110662-02	110662-12
	110934-16	108921-21	110615-01	110615-11
	110898-09	108940-62	110286-02	108964-06
	109326-14			
	108827-40 108528-29			
Solaris 2.9	114224-01	112771-14	113326-01	112808-06
	113580-01	112661-06	112998-03	
	112839-04	113244-05	113713-14	
	112233-12		112964-07	
	114006-01		113575-05 112970-07	

Use `showrev -p` command to verify that these patches have been applied.

**Note**

Common Services was tested only with these patches. Later versions of these patches have not been tested since they were not released when Common Services was tested.

The following error and warning messages appear if you do not have any of the solaris patches installed on your system

If the required Server patches are missing:

```
This system does not have the following required Server patches
```

```
Installation can proceed without the required Server patches. However, you must install the required patches listed above before running CiscoWorks.
```

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

If the required Client patches are missing:

```
This system does not have the following required Client patches.
```

```
These patches are required if only this system is used as a CiscoWorks client.
```

If the recommended Server patches are missing:

```
This system does not have the following recommended Server patches
```

If the recommended Client patches are missing:

```
This system does not have the following recommended Client patches.
```

```
These patches are recommended if only this system is used as a CiscoWorks client.
```

We recommend you download and install the latest required and recommended patches from www.sunsolve.sun.com, before you run Common Services.

Client Requirements

Table 1-4 shows the minimum system requirements for a client system.

For information about configuring client systems, see [Chapter 3, “Preparing to Use CiscoWorks Common Services.”](#)

Table 1-4 *Client System Requirements*

Requirement Type	Minimum Requirements
System hardware and software	<ul style="list-style-type: none"> • Client system: <ul style="list-style-type: none"> – IBM PC-compatible system with at least a 300 MHz Pentium processor running Windows 2000 with Service Pack 3 and Service Pack 4 (Professional and Server), Windows XP SP1, Windows XP SP2, Windows 2003 Server and Enterprise Edition. – Sun UltraSPARC 10 running Solaris 2.8, Solaris 2.9. • Color monitor with video card set to 24 bits color depth.

Table 1-4 *Client System Requirements (continued)*

Requirement Type	Minimum Requirements
Memory (RAM)	256 MB.
Browser	<p>One of these browsers:</p> <p>On Windows and Windows XP clients:</p> <ul style="list-style-type: none"> • Microsoft Internet Explorer 6.0 (version 6.0.2600) or Internet Explorer 6.0 with Service Pack 1 (version 6.0.2800). • Java Virtual Machine (JVM) 5.0.0.3802 and later, and Java Plug-in version 1.4.2_04.(optional)¹ <p>To verify the JVM:</p> <ul style="list-style-type: none"> – From Internet Explorer, select Tools > Sun Java Console. – From Netscape Navigator, select Tools > Web Development > Java Console. – From Mozilla, select Tools > Web Development > Java Console. <p>CiscoWorks Common Services does not require JVM and Java Plug-in. However, some CiscoWorks applications may require these.</p> <ul style="list-style-type: none"> • Netscape Navigator 7.1 for Windows. • Mozilla 1.7. <p>On Solaris clients:</p> <ul style="list-style-type: none"> • Netscape Navigator 7.0 for Solaris 2.8 and 2.9. • Mozilla 1.7 for Solaris 2.8 and 2.9.

1. JVM and Java Plug-in are used only by some CiscoWorks applications.

Enabling Java Console

To enable Java Console in Microsoft Internet Explorer:

- Step 1** Select **Tools > Internet Options > Advanced**.
 - Step 2** Select the **Java Console** in the Microsoft VM section.
 - Step 3** Restart Internet Explorer.
-

To enable Java Console in Netscape Navigator:

- Step 1** Select **Edit > Preferences > Advanced**.
 - Step 2** Check Enable Java check box.
 - Step 3** Restart Netscape Navigator.
-

To enable Java Console in Mozilla:

- Step 1** Select **Edit > Preferences > Advanced**.
 - Step 2** Check Enable Java check box in the Advanced Preferences window.
 - Step 3** Restart Mozilla.
-

Supported Devices

CiscoView manages and configures different types of Cisco devices.

See *User Guide for CiscoView 6.1* for information on supported devices.

Supported Network Management Systems

Following are the Network Management Systems (NMS) supported for importing device information into the CiscoView application:

- HP Network Node Manager 6.4.
- HP Network Node Manager 7.0.
- HP Network Node Manager 7.0.1.
- NetView 7.1.

See *User Guide for CiscoWorks Common Services 3.0* and the Online help for information about importing devices.

The Integration Utility supported is 1.6. See *User Guide for CiscoWorks Integration Utility 1.6* for information about installing and using Integration Utility.

