



Troubleshooting the Installation

This appendix provides troubleshooting information for CD One installation. It contains:

- [Checking Processes After Installation](#)
- [Viewing and Changing Process Status](#)
- [Calling the Technical Assistance Center \(TAC\)](#)
- [Understanding Installation Messages](#)
- [Setting Up the Browser](#)

Checking Processes After Installation

You can run a self test or view process failures from the CiscoWorks2000 Server. To run a self test, select **Server Configuration > Diagnostics > Self Test** from the navigation tree.

To view process failures, select **Server Configuration > Diagnostics > Process Failures** from the navigation tree.

Viewing and Changing Process Status

This section explains how to view process status through menu or command line options.

Any CiscoWorks2000 user can view the status of any process by selecting **Server Configuration > Administration > Process Management > Process Status** from the CiscoWorks2000 navigation tree.



Note

From the browser, only users with administrator privileges can start and stop processes.

From the server, only users with local administrator privileges can start and stop processes.

To stop processes from the browser:

Step 1 Select **Server Configuration > Administration > Process Management > Stop Process**

Step 2 From the dialog box, select System, to stop all processes, or select a specific process to stop only those processes.



Note If you select specific processes, the process dependencies will also be stopped. If you select System, all processes except WebServer and JRunProxy Server will be stopped.

To start processes from the browser:

Step 1 Select **Server Configuration > Administration > Process Management > Start Process**

Step 2 From the dialog box, select System, to start all processes, or select specific process to start only those processes.



Note If you select specific processes, the process dependencies will not be started automatically.

To stop all processes from the server, enter:

```
/etc/init.d/dmgttd stop
```

To all start processes from the server, enter:

```
/etc/init.d/dmgttd start
```



Caution

Do not start the daemon manager immediately after you stop it. It will take some time for the ports to get released, after the daemon manager is stopped.

Calling the Technical Assistance Center (TAC)

If you had problems while installing CD One, before calling TAC:

- Make sure the system hardware and software requirements are met.
- Make sure the disk space is not full (/ (root), /opt, and /var partitions).
- Make sure the CD-ROM drive is not defective: mount the CD-ROM remotely on a different machine and retry installation.

If the above conditions are met, and you are still having problems installing CD One, contact your Technical Assistance Center.



Tip

Create a report and email the generated report to TAC. From the CiscoWorks2000 Server navigation tree, select **Server Configuration > Diagnostics > Collect Server Info**.

TAC representatives may ask you to send them the installation log file, /var/tmp/ciscoininstall.log.

Understanding Installation Messages

[Table A-1](#) shows messages that might occur during installation and describes the reasons.

Table A-1 Installation Messages

Message	Reason for Message	User Action
Access problem with <directory>.	Installation program cannot access product <directory> that you specified.	Check permissions on directory <directory>.
Bad installation root dir.	You are trying to install product in an unusable directory.	Install product on a different directory.
Base package did not install. Exiting.	Installation program cannot install a required package.	Contact your technical support representative.

Table A-1 Installation Messages (continued)

Message	Reason for Message	User Action
Cannot backup /etc/services, no change will be made.	Installation program could not copy /etc/services before modifying it.	Make sure there is enough space in /tmp.
Cannot become owner of file in directory <directory>.	You cannot become file owner in directory you specified as product root.	Check permissions on specified directory.
Cannot change ownership of library. Exiting.	Installation program could not write to product root directory.	Check permissions on specified directory.
Cannot create <directory>.	Installation program could not write to directory you specified.	Check permissions on specified directory.
Cannot create symlink: ln -s <root> /opt/CSCOpX.	Installation program cannot create link from /opt/CSCOpX to product root directory you specified.	Contact your technical support representative.
Cannot determine the CD One version.	Installation disk is corrupted.	Contact your technical support representative.
Cannot determine the version of <product>.	Installation program was unable to determine product version.	Contact your technical support representative.
Cannot make list of packages for installation.	Installation suffered a major failure.	Contact your technical support representative.
Cannot make root dir.	You do not have permission to make product directory you gave the program.	Check the permissions on the root.
Cannot upgrade.	Upgrade failed.	Contact your technical support representative.
Copy <setupdir> to <nmsroot> failed.	Installation program could not write to product root directory.	Check permissions on root.
Daemon Manager could not start. The port is in use.	The operating system has not reallocated the port.	Make sure all CiscoWorks2000 processes are terminated (/usr/ucb/ps -ef grep CSCO). Wait five to ten minutes, then try to restart the daemon manager.

Table A-1 Installation Messages (continued)

Message	Reason for Message	User Action
Installation in progress.	You are already running an installation on this machine.	Run only one installation program at a time.
Missing file <i><file></i> .	Installation program could not find <i><file></i> file.	Contact your technical support representative.
mkdir -p <i><root></i> failed. Exiting.	Installation program was not able to create root specified.	Check permissions on root.
No syslog facility is available.	No available syslog facilities for CD One.	Make one of the facilities available.
Not enough disk space: <i><root></i> .	You picked a product root in a file system with insufficient space to load our product.	Make at least 2 GB of disk space available on partition on which you install product.
OS version less than recommended or supported.	Operating system is not a supported version of Solaris.	Make sure you are running Solaris 2.7 or Solaris 2.8.
Package verification failed: <i><pkg></i> aborting.	While our packages were being loaded, one loaded incorrectly.	Make sure the package in CD is proper using the command <code>pkgchk -d <disk>/packages <packagename></code> Or There may be a network problem, if you are installing over the network using a remotely mounted CD.
Required JRE patches are unavailable on the system <i><patch></i> . Product will fail without these patches.	Installation program could not find required JRE patches.	Continue installation and install patches after CD One product is installed. Or stop product installation and install required patches before installing CD One.
Some files cannot get backed up, datafile missing.	During product upgrade, key files were not found and cannot be restored.	Check other directories for the missing files.

Table A-1 Installation Messages (continued)

Message	Reason for Message	User Action
Syslog is not running.	Installation program was unable to start syslogd on this machine.	Restart syslogd.
The components have dependency errors.	Installation suffered a major failure.	Contact your technical support representative.
There is no table of contents file.	Installation disk is corrupted.	Contact your technical support representative.
You must be logged in as root to install or uninstall this product.	You must be logged in as root.	Log in as root and enter correct password.
Current administration requires that a unique instance of the <CSCOPkg> package be created. However, the maximum number of instances of the package that may be supported at one time on the same system has already been met.	Upgrading from previous CD One editions.	If this happens, change the property pair to instance=overwrite in the following file: /var/sadm/install/admin/default.
The installer has discovered a problem with the DNS resolution. The DNS must resolve within 10 seconds for the CiscoWorks2000 product to work properly.	The DNS is not being resolved or is not resolving properly.	Continue the installation as usual, then correct the DNS resolution problem.
/etc/hosts should be readable by all	/etc/hosts should have read permission for all	Continue with the installation. Correct the permissions of /etc/hosts after install
/tmp permission should be 777	/tmp should have read/write permission for all	Install will quit. Change /tmp permission and restart installation.
This is not a supported architecture. The product cannot be installed on this server	The server architecture should be 32-bit compatible	The user has to install the product on a 32-bit compatible server.

Table A-1 Installation Messages (continued)

Message	Reason for Message	User Action
Setup has detected the following product on the destination server. CiscoWorks 2000 Integration Utility - Standalone	CiscoWorks2000 and SNMIM cannot co-exist	Uninstall SNMIM from this machine and restart Setup
Permission of /usr/bin/at is <\$PERMS> The minimum permission required is 4755	Jobs cannot be scheduled if you do not have 4755 permissions for /usr/bin/at	The minimum permission required is 4755. Please change it after installation is complete.

Setting Up the Browser

If you have problems using the desktop, make sure the browser is configured correctly:

1. If the desktop buttons do not work, Java and JavaScript are not enabled. Make sure to enable Java and JavaScript as described in the “[Preparing to Use CD One](#)” chapter, “[Configuring Server Systems](#)” section on page 3-2.



Note

If you are using Netscape Navigator, install it first and then install Java Plugin.



Caution

Uncheck **Edit > Preferences > Advanced > Enable Java Plugin** for Netscape Navigator 4.77, 4.78 and 4.79.

2. Make sure your cache is *not* set to zero. If you have browser problems, increase your cache settings as explained in the “[Preparing to Use CD One](#)” chapter, “[Configuring Server Systems](#)” section on page 3-2.
3. Do not resize the browser window while the desktop or main page is still loading. This can cause a Java error.

■ Setting Up the Browser