



## Mounting and Unmounting on Solaris

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This appendix describes how to mount the CiscoWorks Common Services CD-ROM on a Solaris system. It includes general information only. For more information, consult your Sun documentation.

You can install CiscoWorks Common Services from a CD-ROM mounted on the CiscoWorks Common Services server system or from a CD-ROM mounted on a remote Solaris system.

This appendix contains:

- [Mounting a Local CD-ROM Drive](#)
- [Mounting a Remote CD-ROM Drive](#)
- [Unmounting the CD-ROM Drive](#)

### Mounting a Local CD-ROM Drive

Insert the CiscoWorks Common Services CD-ROM into the CD-ROM drive and do the following:

- Step 1** Become the superuser by entering the command **su** and the root password at the command prompt, or log in as root. The command prompt changes to the pound sign (#).

If the `/cdrom` directory does not already exist, enter the following command to create it:

```
# mkdir /cdrom
```

**Step 2** Mount the CD-ROM drive.



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**Note** The vold process manages the CD-ROM device and performs the mounting. The CD-ROM might automatically mount onto the /cdrom/cdrom0 directory.

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If you are running File Manager, a separate File Manager window displays the contents of the CD-ROM. From the File Manager, double click on setup.sh file. The Action: Run box appears. Click **OK** to continue installation.

If the /cdrom/cdrom0 directory is empty because the CD-ROM was not mounted, or if File Manager did not open a window displaying the contents of the CD-ROM, verify the vold daemon is running by entering:

```
# ps -ef | grep vold | grep -v grep
```

If vold is running, the system displays the process identification number of vold. If the system does not display anything, restart the daemon by entering:

```
# /usr/sbin/vold &
```

If the vold daemon is running but did not mount the CD-ROM, stop the vold daemon and then restart it. To stop the vold process, you must know the process identification number. If you do not know the process identification number, you can get it by entering:

```
# ps -ef | grep vold | grep -v grep
```

**Step 3** Stop the vold process by entering:

```
# kill -15 process_ID_number
```

**Step 4** Restart the vold process by entering:

```
# /usr/sbin/vold &
```

If you have problems using the vold daemon, enter the following command to mount the CD-ROM:

```
# mount -F hsfs -r ro /dev/dsk/cxyd0sz /cdrom/cdrom0
```

where  $x$  is the CD-ROM drive controller number,  $y$  is the CD-ROM drive SCSI ID number, and  $z$  is the slice of the partition on which the CD-ROM is located.

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You have now mounted the CD-ROM drive. See the [“Installing CiscoWorks Common Services”](#) chapter for instructions on installation.

## Mounting a Remote CD-ROM Drive

Insert the CD One CD-ROM into the CD-ROM drive of the remote system and perform Steps 1 through 12 only on the remote system.

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**Step 1** Log in as root. The command prompt changes to the pound sign (#).

**Step 2** If the /cdrom directory does not already exist, enter:

```
# mkdir /cdrom
```

**Step 3** Mount the CD-ROM drive.



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**Note** The vold daemon process manages the CD-ROM device and performs the mounting. The CD-ROM might automatically mount onto the /cdrom/cdrom0 directory.

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If you are running File Manager, a separate File Manager window displays the contents of the CD-ROM. From the File Manager, double click on setup.sh file. The Action: Run box appears. Click **OK** to continue installation.

If the `/cdrom/cdrom0` directory is empty because the CD-ROM was not mounted, or if File Manager did not open a window displaying the contents of the CD-ROM, verify that the `vold` daemon is running by entering:

```
# ps -ef | grep vold | grep -v grep
```

If `vold` is running, the system displays `/usr/sbin/vold`. If the system does not display anything, restart the daemon by entering:

```
# /usr/sbin/vold &
```

If the `vold` daemon is running but did not mount the CD-ROM, stop the `vold` daemon and then restart it. To stop the `vold` process, you must know the process identification number. If you do not know the process identification number, you can get it by entering:

```
# ps -ef | grep vold | grep -v grep
```

**Step 4** Stop the `vold` process by entering:

```
# kill -15 process_ID_number
```

**Step 5** Restart the `vold` process by entering:

```
# /usr/sbin/vold &
```

If you have problems using the `vold` daemon, enter the following to mount the CD-ROM:

```
# mount -F hsfs -r ro /dev/dsk/ctyd0sz /cdrom/cdrom0
```

where *x* is the CD-ROM drive controller number, *y* is the CD-ROM drive SCSI ID number, and *z* is the slice of the partition on which the CD-ROM is located.

**Step 6** Use a text editor to create an `/etc/dfs/dfstab` file, if one does not exist.

**Step 7** Add the following line to the `/etc/dfs/dfstab` file:

```
share -F nfs -o ro /cdrom/cdrom0
```

**Step 8** Make sure your remote system is enabled as an NFS server by entering:

```
# ps -ef | grep nfs | grep -v grep
```

The output of this command shows whether the `/usr/lib/nfs/nfsd` and `/usr/lib/nfs/mountd` daemons are running. If they are not running, enable your system as an NFS server by entering:

```
# /etc/init.d/nfs.server start
```

If your system is enabled as an NFS server, enter one of the following:

```
# share
```

or

```
# shareall
```

**Step 9** Go to the system where you want to install CiscoWorks Common Services.

**Step 10** Log on as superuser by entering the command `su` and the root password, or log in as root.

**Step 11** Create a `/cdrom` directory, if one does not already exist, by entering:

```
# mkdir -p /cdrom/cwcs
```

**Step 12** To mount the CD-ROM drive, enter:

```
# /usr/sbin/mount -r remote_system_name:/cdrom/cdrom0 /cdrom/cwcs
```

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You have now mounted the CD-ROM drive. See the [“Installing CiscoWorks Common Services”](#) chapter for installation instructions.

# Unmounting the CD-ROM Drive

After you complete the CiscoWorks Common Services installation, you must unmount the CD-ROM drive.

## Unmounting a Local CD-ROM Drive

To unmount a local CD-ROM drive:

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**Step 1** As root, enter:

```
# cd
# umount /cdrom/cdrom0
# eject
```

**Step 2** Remove the CD-ROM and store it in a safe place.

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## Unmounting a Remote CD-ROM Drive

To unmount a remote CD-ROM drive:

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**Step 1** As root, enter the following on the local system:

```
# umount /cdrom/cwcs
```

**Step 2** As root, enter the following on the remote system:

```
# umount /cdrom/cdrom0
```

**Step 3** Remove the CD-ROM and store it in a safe place.

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