



Changing the Application Software on a Network Module

If you have a network module that is operating with WAFS 3.0.5 software, you can replace the software with the following ACNS software versions:

- ACNS 5.0.x
- ACNS 5.1.x
- ACNS 5.2.x
- ACNS 5.3.5
- ACNS 5.4.x



Caution

You cannot operate both WAFS software and ACNS software on the same network module. Installing ACNS software automatically removes the WAFS software functionality that is currently running on the network module.

When you install ACNS software on a network module that is operating with WAFS software, the ACNS file systems (sysfs, cfs, mediafs, and cdnfs) are installed in addition to the WAFS file system on the disk. (The ACNS file system does not replace the WAFS file system.)

When you reboot the network module with ACNS software installed, ACNS software fails to recognize the WAFS file system, and you get an error message about an unknown partition on the disk. The workaround to resolve this problem involves erasing all the file systems on the disk and reinstalling the software.

To replace the WAFS 3.0.5 software on a network module with ACNS software and to resolve the disk error, follow these steps:

Step 1 Install any supported ACNS software file by using the **copy ftp install EXEC** command or the **copy http install EXEC** command.

Follow the procedure in [Chapter 3, “Upgrading Software for Standalone Content Engines.”](#)

Step 2 Reboot the network module.

When you log in to the console after rebooting the network module, you can expect to see warning messages similar to the following:

```
Cisco Content Engine Console
```

```
Username: admin  
Password:
```

```

No directory /local/local1/./!
Logging in with home = "/".
System Initialization Finished.
System running with no functional system disk (usually disk00).
Most applications will not run correctly!
Disk based software not installed.
Some applications may not run correctly!

```

If you are already logged into the console and you have syslog running, you can expect to see a warning message similar to the following:

```

May 16 21:02:53 (none) ruby_disk: %CE-DISK-0-200015: First disk disk00 has problems. You
need to check cable or replace it, then run "disk recover" command from CLI and re-install
software.

```

Ignore these warning messages, and proceed to the next step.

- Step 3** Enter the **disk recover-disk00 EXEC** command.
- This command erases everything on disk00, including the the system image. To recover the system image, you must reinstall the ACNS software.
- Step 4** Install the ACNS software again using the **copy ftp install EXEC** command or the **copy http install EXEC** command.
- Step 5** Reboot the network module a second time.

The ACNS software should initialize with ACNS file systems properly formatted on the disk. To configure disk space for ACNS services, see [Chapter 11, “Disk Configuration and Maintenance.”](#)

For information about installing WAFS software on a network module that is operating with ACNS software, see the *Cisco WAFS User Guide, Release 3.0*, Chapter 7, “Maintenance.”