CHAPTER 6

Maintaining the Cisco Unified MeetingPlace Audio Server System

This chapter describes how to maintain—not repair—the Cisco Unified MeetingPlace Audio Server system and contains the following sections:

(For information about repairing the Cisco Unified MeetingPlace Audio Server system, contact Cisco TAC. See the "Obtaining Documentation, Obtaining Support, and Security Guidelines" section on page x.)

Replacing the Filter in the Power Supply Unit Fan (Cisco Unified MeetingPlace 8112 Only)

Note The maintenance procedures in this section are for the Cisco Unified MeetingPlace 8112 only. The Cisco Unified MeetingPlace 8106 does not have a filter for the fan in the power supply unit.

You need to replace the filter in the power supply unit fan on a regular basis. The frequency of the replacement depends on how much dust is in the air. On average, you should replace the filter once a year.

In addition, if you see any of the following alarms, immediately check the power supply unit fan and its filter:

- 0x70034 (MAJOR) Temperature out of range.
- 0x700BB (MINOR) Power supply fan N is failing.
- 0x700C6 (MINOR) Power supply N cooling failure.

This section contains three procedures. Do them in the order listed to replace the filter.

Do not touch any of the exposed leads, terminals, or components. Hazardous voltages, capable of causing death, may be present in this product.

Note CLI commands are case sensitive. For CLI command information, refer to the "Command-Line Interface Reference" appendix of the *Configuration Guide for Cisco Unified MeetingPlace Audio Server* at http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_installation_and_configuration_guides_list.html.

To Remove the Old Filter in the Power Supply Unit Fan (Cisco Unified MeetingPlace 8112 Only)

Step 1 Pull out the top edge of the filter frame by using the metal tab in the top left corner of the filter.

Step 2 Pull the filter frame up at a slight angle to remove it by sliding it in between the power supply unit and the power supply unit handle.

Step 3 Remove the filter from the frame.

To Install a New Filter in the Power Supply Unit Fan (Cisco Unified MeetingPlace 8112 Only)

Step 1 Slide the new filter into the filter frame of the power supply unit fan.

Step 2 Place the filter frame between the power supply unit and the power supply unit handle. The correct orientation is when the metal tab on the filter frame is in the top left corner.

Step 3 Gently push the filter frame so that it stays in place. There is no lock position.

To Test the Filter in the Power Supply Unit Fan (Cisco Unified MeetingPlace 8112 Only)

Step 1 Log in to the CLI as a technician. The tech$ prompt appears.

Step 2 Log your terminal session. (For information on logging, see the "Logging Your HyperTerminal Session" section on page 3-3.)

Step 3 Enter **hwconfig**.

Step 4 Confirm that the output for the power supply units and their fans is like lines 9 to 12 (the lines in bold) in Example 6-1.

Note The floppy drive and CD-ROM drive do not appear in the hwconfig command output, even when they are installed and running.

Example 6-1 Testing the Power Supply Unit Fan Filter

```
meetingplace:tech$ hwconfig
Cabinet:                Motorola CPX8216T
Bus architecture:       CompactPCI
Processor card:         CPV5370 S/N=5129443
    Processor:          Pentium III, Model 8, 700 MHz
    Memory:             512 MB
    Temperature:        31C
    Voltages:           3.32V, 5.02V, 12.06V
Power Supplies:
    PS1:                OK, fan is OK
```

```
    PS2:                OK, fan is OK
    PS3:                OK, fan is OK
SCSI Adapter:           NCR 810
    DISK 1:             36000MB (SEAGATE  ST336704LW       REV=0004)
    DISK 2:             36000MB (SEAGATE  ST336704LW       REV=0004)
    Solid State Disk:   IMPERIAL "MG-35/400 ULTRA" S/N=0128 REV=B403
                        Battery: usage = 307 days, charge is OK
Ethernet:               Intel 8225x PCI 10/100 (0001af03c05e)
Modem:                  Absent or unrecognized
Smart Blades:
    Slot 16:            NMS CG6000C S/N=20363257 REV=5894-B2 MSC0 PRC0
    Slot 15:            NMS CG6000C S/N=20363261 REV=5894-B2 MSC1 PRC1
```

Enabling Server Disk Capacity Monitoring

You can monitor the disk use of the Cisco Unified MeetingPlace Audio Server system. The Cisco Unified MeetingPlace system raises an alarm when it reaches or exceeds a specified use threshold.

Threshold values denote the percentage of a particular file system that is currently being used. In general, 90 percent is a good value for a threshold. You can use a number lower than 90 to get an earlier warning, but you may get an alarm for a normal condition. We recommend using 90.

To Enable Server Disk Capacity Monitoring

Step 1 Log in to the CLI as a technician. The tech$ prompt appears.

Step 2 Log your terminal session. (For information on logging, see the "Logging Your HyperTerminal Session" section on page 3-3.)

Step 3 Enter **configdiskcap**.

Step 4 Enter the number of the file whose use threshold capacity you want to modify. In Example 6-2, we want to modify the use threshold capacity for the /lat/db file (file 2), so enter **2**.

Step 5 Enter the new use threshold value for this file. In Example 6-2, we want the use threshold capacity to be 95 percent, so enter **95**.

Step 6 Save your changes and exit the **configdiskcap** command by entering **s**.

Example 6-2 Enabling Server Disk Capacity Monitoring

```
meetingplace:tech$ configdiskcap
++++++++++++++++++++++++++++++++++
Disk Capacity Monitor Configuration
++++++++++++++++++++++++++++++++++
Capacity values are utilization percentage thresholds.
A major alarm will be raised if a threshold is exceeded.

Select a file system threshold to modify when prompted.

Values must be between 60 and 99; a capacity
of 0 disables checking for that file system.

    CAP% FILESYSTEM
    ==== ==========
1)  0    /
2)  0    /lat/db
```

```
3) 0     /tmp
4) 0     /lat/fs.1
5) 0     /lat/fs.2
6) 0     /lat/fs.3

Select an item to modify, s to save and exit,
or q to quit without saving: 2
enter new value for /lat/db: 95

    CAP% FILESYSTEM
    ==== ==========
1) 0     /
2) 95    /lat/db
3) 0     /tmp
4) 0     /lat/fs.1
5) 0     /lat/fs.2
6) 0     /lat/fs.3

Select an item to modify, s to save and exit,
or q to quit without saving: s
```