



## Managing System Hardware

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This chapter provides details on monitoring the health of the switch. It includes the following sections:

- [Displaying Switch Hardware Inventory, page 5-2](#)
- [Displaying the Switch Serial Number, page 5-2](#)
- [Displaying Power Supply Status, page 5-3](#)
- [Displaying Environment Information, page 5-3](#)

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## Displaying Switch Hardware Inventory

Use the **show hardware** command to display switch hardware inventory details. (See [Example 5-1](#).)



Note

To display modules, see the “[Verifying the Status of the Switch](#)” section on page 3-10.

### Example 5-1 Displays the Hardware Information

```
switch# show hardware
Cisco MDS 9000 FabricWare
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Software
  system:      2.1(2)
  system compile time:  Thu Apr 21 12:48:49 2005

Hardware
  switch uptime is 2 days 4 hours 25 minute(s) 20 second(s)

  Last reset at 188720 usecs after Mon Apr 25 11:01:12 2005
  Reason: PowerUp

-----
Switch hardware ID information
-----

MDS Switch is booted up
  Model number is DS-C9020-20K9
  H/W version is -----
  Part Number is 74-3811-01
  Part Revision is A0
  Serial number is 0426a07855
  CLEI code is COMMM00ARA
```

## Displaying the Switch Serial Number

The serial number of your Cisco MDS 9020 Fabric Switch can be obtained by looking at the serial number label on the back of the switch or by executing the operating system **show sprom mgmt-module** command.

```
switch# show sprom mgmt-module
DISPLAY SAM sprom contents:
Common block:
OEM String       : Cisco Systems, Inc.
Product Number   : DS-C9020-20K9
Serial Number    : 0426a07855
Part Number      : 74-3811-01
Part Revision    : A0
Mfg Deviation    : 0
H/W Version      : -----
snmpOID          : 1.3.6.1.4.1.1663.1.1.1.1.26
CLEI Code        : COMMM00ARA
```

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```
VID           : V01
MAC Address   : 00-c0-dd-03-d4-e4
WWN          : 10:00:00:0d:ec:19:cb:0e
```

## Displaying Power Supply Status

Use the **show environment power** command to display the power supply status. (See [Example 5-2](#).)

### *Example 5-2 Displays Power Supply Status*

```
switch# show environment power
-----
PS      Status
-----
1       ok
```

## Displaying Environment Information

Use the **show environment** command to display all environment-related switch information. (See [Example 5-3](#).)

### *Example 5-3 Displays All Environment Information*

```
switch# show environment
Temperature:
-----
Module   CurTemp   Status
         (Celsius)
-----
1        36       ok

Power Supply:
-----
PS      Status
-----
1       ok
```

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