

CVM和UVM硬件错误汇总

Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[Conventions](#)

[CVM卡错误汇总](#)

[CVM卡故障代码](#)

[UVM卡错误汇总](#)

[UVM类别的06卡故障代码](#)

[dspcderr命令输出的示例](#)

[Related Information](#)

[Introduction](#)

在本文讨论的硬件错误代码在Cisco IGX交换机的信道化语音模块(CVM)和通用语音模块(UVM)卡能发生。当您发出`dspcderrs slot-num`命令时，他们显示。

[Prerequisites](#)

[Requirements](#)

本文的读者应该对此题目熟悉。

- Cisco IGX硬件与软件。

[Components Used](#)

This document is not restricted to specific software and hardware versions.

[Conventions](#)

有关文档规则的详细信息，请参阅 [Cisco 技术提示规则](#)。

[CVM卡错误汇总](#)

Byte 2 - Error function code
Byte 3 - Error category
 01 - Download Failure
 02 - Powerup Failure
 03 - Selftest Failure
 04 - Memory test failure
 05 - Boot PROM failure
 06 - Non Boot PROM (Firmware) failure
Byte 4 - Slot Number
Byte 5 - Processor
Byte 6 - a. Selftest # in case of Error Category 03
 b. Failure Code in case of Error Category 06
Byte 7-10 - Sub Category

CVM卡故障代码

Byte 1 - Function code
Byte 2 - Error function code
Byte 3 - Error category
 01 - Download Failure
 02 - Powerup Failure
 03 - Selftest Failure
 04 - Memory test failure
 05 - Boot PROM failure
 06 - Non Boot PROM (Firmware) failure
Byte 4 - Slot Number
Byte 5 - Processor
Byte 6 - a. Selftest # in case of Error Category 03
 b. Failure Code in case of Error Category 06
Byte 7-10 - Sub Category

UVM卡错误汇总

Byte 1 - Function code
 Byte 2 - Error function code
 Byte 3 - Error category
 01 - Download Failure
 02 - Powerup Failure
 03 - Selftest Failure
 04 - Memory test failure
 05 - Boot PROM failure
 06 - Non Boot PROM (Firmware) failure
 07 - Admin Watchdog failure
Byte 4 - MSB = 1, Next 7 bits contain card type (UVM == 0x28)
 Therefore, this byte will contain A8 always.
Byte 5 - Processor
Byte 6 - a. Selftest # in case of Error Category 03
 b. Failure Code in case of Error Category 06
Byte 7-10 - Sub Category

UVM类别的06卡故障代码

Byte 1 - Function code
 Byte 2 - Error function code
 Byte 3 - Error category
 01 - Download Failure

02 - Powerup Failure
03 - Selftest Failure
04 - Memory test failure
05 - Boot PROM failure
06 - Non Boot PROM (Firmware) failure
07 - Admin Watchdog failure
Byte 4 - MSB = 1, Next 7 bits contain card type (UVM == 0x28)
Therefore, this byte will contain A8 always.
Byte 5 - Processor
Byte 6 - a. Selftest # in case of Error Category 03
b. Failure Code in case of Error Category 06
Byte 7-10 - Sub Category

dspcderr命令输出的示例

```
UVM in Slot 21 : 440659 Rev EPH
-----
Failure Type: Hardware Error
Failure Time: March 12 2003 16:04:31 GMT

Hardware Error Event:
Hardware Error Event:
0B 00 06 A8 01 26 0D
|_____|_____|____| DSP watchdog error

Error Fcode: Unknown
Failure Type: Internal
Processor Number: 01
```

```
UVM in Slot 21 : 440659 Rev EPH
-----
Failure Type: Hardware Error
Failure Time: March 12 2003 16:16:31 GMT

Hardware Error Event:
0B 00 06 A8 01 07
|_____|_____|____| UVI download failure

Error Fcode: Unknown
Failure Type: Internal
Processor Number: 01
```

Related Information

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