

梅迪亚体验引擎3500 MegaRAID备用电池问题

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简介

本文描述问题梅迪亚体验引擎3500 (MXE 3500)在引导过程也许体验用备用电池单元(BBU) MegaRAID控制器。

问题

控制台显示此错误消息，当有与BBU的一问题：

```
The battery hardware is missing or malfunctioning, or the
battery is unplugged, or the battery could be fully
discharged. If you continue to boot the system, the
battery-backed cache will not function. If battery is
connected and has been allowed to charge for 30
minutes and this message continues to appear, then
contact technical support for assistance. Press 'D'
to disable this warning (if your controller does
not have a battery).
```

...

```
Press any key to continue, or 'C' to load the
configuration utility.
```

如果按任何键设备启动，但是不是确切，如果电池在一好状态。

解决方案

请参阅[设置CIMC关于UCS C系列服务器](#)关于如何配置思科集成管理控制器的信息(CIMC)。

Note:这些步骤要求CIMC正确地配置并且工作。

第一步将检查MXE 3500为了发现是否认可BBU。请使用一个安全壳SSH客户端连接到与CIMC管理地址的MXE 3500。输入在本例中的粗体显示的命令：

```
MXE-3500-1# scope chassis
```

MXE-3500-1 /chassis # show detail

Chassis:

Power: on
Serial Number: xxxxxxxxxxxx
Product Name:
PID : MXE-3500-V2-K9=
UUID: xxxxxxxxxxxx
Locator LED: off
Description:
Power Restore Policy: restore-last-state
Power Delay Type: fixed
Power Delay Value(sec): 0

MXE-3500-1 /chassis # show pci-adapter detail

Slot 6:

Vendor ID: 0x14e4
Device ID: 0x1639
SubVendor ID: 0x14e4
SubDevice ID: 0x1639
Product Name : Broadcom 5709 1 Gbps 2-or-4 port NIC

Slot 7:

Vendor ID: 0x1000
Device ID: 0x0079
SubVendor ID: 0x1000
SubDevice ID: 0x9260
Product Name : LSI 9260-4i MegaRAID SAS HBA

*## Note the slot number the MegaRAID controller is installed in.
This slot number is used in the next command.*

MXE-3500-1 /chassis # scope storageadapter SLOT-7

MXE-3500-1 /chassis/storageadapter # show detail

PCI Slot *SLOT-7*:

Info Valid: Yes
Info Invalid Cause:
Product Name: LSI MegaRAID SAS 9260-4i
Serial Number: xxxxxxxxxxxx
Firmware Package Build: 12.12.0-0087
Product ID: LSI Logic
Battery Status: charging
Cache Memory Size: 0 MB

MXE-3500-1 /chassis/storageadapter # show bbu detail

Controller *SLOT-7*:

Info Valid: Yes
Info Invalid Cause:
Battery Type: iBBBU08
Battery Present: true
Voltage: 4.086 V
Current: 0.000 A
Charge: 100%
Charging State: charging
Temperature: 32 degrees C
Voltage Low: false
Temperature High: false
Learn Cycle Requested: false
Learn Cycle Active: false
Learn Cycle Failed: false
Learn Cycle Timeout: false
I2C Errors Detected: false
Battery Replacement Required: false
Remaining Capacity Low: false

MXE-3500-1 /chassis/storageadapter #

在示例中您能看到BBU存在，充电，并且显示一种正常状态。

请完成这些步骤，如果收到错误消息，当您输入**detail**命令时显示的**bbu**或，如果电池现状是错误：

1. 重新启动MXE 3500。
2. 如果‘电池硬件是未命中或发生故障’消息继续显示，在每辆重新启动后，也许有BBU的硬件故障。请与进一步协助的Cisco技术支持中心(TAC)联系。
3. 如果设备启动，不用错误它也许已经是临时错误。进一步操作没有要求。