

知 3PAR P7000 battery firmware

固件驱动

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组网及说明

3PAR

问题描述

3PAR P7000 battery failed, 反复更换现象一样, 依然 failed.

过程分析

Report the battery status for a given battery

**** Battery 0 status ****

serial number : BCC0974242G5GXM
part number : 0979814-05
firmware version : 06.29
temp sensor 0 : 27.097
temp sensor 1 : Not Supported
charge level : 7%
current capacity : 49.9 WHrs
essential for Metis : FALSE
EOL status : FALSE
fail bit status : FALSE
battery status : protecting
fuse is ok
charge status : idle
charge circuit : on
error event status : no errors detected
fg chemistry id : 0x0440
fg update status : up-to date

**** Battery 1 status ****

serial number : BCC0974242G6B1J
part number : 0979814-05
firmware version : 06.30
temp sensor 0 : 27.898
temp sensor 1 : Not Supported
charge level : 98%
current capacity : 48.5 WHrs
essential for Metis : TRUE
EOL status : FALSE
fail bit status : FALSE
battery status : protecting
fuse is ok
charge status : idle
charge circuit : on
error event status : no errors detected
fg chemistry id : 0x0440
fg update status : up-to date

看电池状态都正常, 没报错.

Canister firmware : 4.0.0.120
Canister firmware date : Oct 27 2016 11:05:04
Revision control hash : fef2ae901063147a4ce50d97cfb7ec5cd07b50ba
Product build type : sbb_sas-hp
Canister bootloader : 5.07
Canister config CRC : 0x13A78499
Canister VPD structure : 0x06
Canister VPD CRC : 0xB27F33D1
Canister CPLD : 0x16
Canister Power CPLD : 0x00167D4C
Canister chip : 0x80050002
Canister SDK : 3.06.01-B032
Midplane VPD structure : 0x0A

Midplane VPD CRC : 0x4348105D
Midplane CPLD : 0x10
PCM 0 firmware : 0.45|1.05
PCM 1 firmware : 0.39|1.05
PCM 0 VPD structure : 0x05
PCM 1 VPD structure : 0x05
PCM 0 VPD CRC : 0x41BEF99C
PCM 1 VPD CRC : 0x41BEF99C
Battery 0 firmware : 06.30
Battery 1 firmware : 06.29

只是 2块 电池的 firmware 版本不同, battery 0 firmware 06.30, battery 1 firmware 06.29, 使用
upgradecage 升级无效.

应该2块电池版本不同导致持续报错.

解决方法

后更换相同版本的battery解决问题.