

如何從RAID控制器UCSC-PSAS12GHBA收集日誌？

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簡介

本文檔介紹如何從RAID控制器UCSC-PSAS12GHBA收集日誌？

必要條件

需求

本文件沒有特定需求。

採用元件

- 控制器PID:UCSC-PSAS12GHBA
- 供應商：PMC-Sierra(Microsemi)
- 驅動程式：aacraid

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

背景資訊

UCSC-PSAS12GHBA(Microsemi PMC-Sierra HBA)是C240 M4伺服器上使用的唯一非LSI HBA控制器；與LSI RAID控制器不同，CIMC中的「儲存」磁碟不儲存此HBA卡的日誌。

如何檢視日誌

來自UCS伺服器的日誌示例：消息/

```
"Event log fetch is not valid for this controller type"
```

```
723: 6:2017 Dec 20 00:50:14 EST:BMC:storaged:1628: handy_utils.c:46:==>>> ctrl 2 pd_list device_IDs:
0x0000000000000000 0x0000000000000000 0x0000000000000000 0x000000000000007f00
749: 6:2017 Dec 20 00:50:50 EST:BMC:storaged:1628: handy_utils.c:46:==>>> ctrl 2 occupied slots according to
pd_list: 0x0000000000000000 0x0000000000000000 0x0000000000000000 0x00000000000000fe
893: 5:2017 Dec 20 01:29:11 EST:BMC:storaged:1628: service.c:283:CMD: 'controller-type: ALL;controller: SLOT-
HBA;log: ;command: get-newest-entries;starting-entry: 1;entry-count: 500 '
894: 5:2017 Dec 20 01:29:11 EST:BMC:storaged:1628: service.c:333:Accepted request 'controller-type:
ALL;controller: SLOT-HBA;log: ;command: get-newest-entries;starting-entry: 1;entry-count: 500 '
895: 4:2017 Dec 20 01:29:11 EST:BMC:storaged:1628: service.c:169:CMD: write-status: Event log fetch is not valid
for this controller type
896: 5:2017 Dec 20 01:29:11 EST:BMC:storaged:1628: service.c:283:CMD: 'controller-type: RAID;controller: SLOT-
HBA;operation: get-tty-log;mode: compressed '
897: 5:2017 Dec 20 01:29:11 EST:BMC:storaged:1628: service.c:333:Accepted request 'controller-type:
RAID;controller: SLOT-HBA;operation: get-tty-log;mode: compressed '
898: 5:2017 Dec 20 01:29:11 EST:BMC:storaged:1628: service.c:283:CMD: 'controller-type: RAID;controller: SLOT-
HBA;operation: get-phy-errors '
899: 5:2017 Dec 20 01:29:11 EST:BMC:storaged:1628: service.c:333:Accepted request 'controller-type:
RAID;controller: SLOT-HBA;operation: get-phy-errors '
900: 4:2017 Dec 20 01:29:12 EST:BMC:storaged:1628: service.c:169:CMD: write-status: Invalid controller operation
```

解決方案

此HBA控制器有一個CLI工具（與LSI控制器的storcli一樣），
Adaptec ARCCONF命令列實用程式v2.01.22270

https://storage.microsemi.com/en-us/speed/raid/storage_manager/arconf_v2_01_22270_zip.php

使用者指南：

http://download.adaptec.com/pdfs/user_guides/cli_arc_v2_01_22270_users_guide.pdf

相關資訊

要獲取此控制器的驅動程式詳細資訊，請執行以下操作：

```
Linux:

$ modinfo aacraid
filename:          /lib/modules/2.6.32-696.6.3.el6.x86_64/kernel/drivers/scsi/aacraid/aacraid.ko
version:          1.2-0[30300]-ms
license:          GPL
description:      Dell PERC2, 2/Si, 3/Si, 3/Di, Adaptec Advanced Raid Products, HP NetRAID-4M, IBM ServeRAID & ICP
SCSI driver
author:           Red Hat Inc and Adaptec
VMWare:
```

```
vmkload_mod -s aacraid | grep Version
```