

如何从RAID控制器UCSC-PSAS12GHBA收集日志？

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简介

本文档介绍如何从RAID控制器UCSC-PSAS12GHBA收集日志？

先决条件

要求

本文档没有任何特定的要求。

使用的组件

- 控制器PID:UCSC-PSAS12GHBA
- 供应商：PMC-Sierra（微半）
- 驱动程序：aacraid

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络处于活动状态，请确保您了解所有命令的潜在影响。

背景信息

UCSC-PSAS12GHBA(Microsemi PMC-Sierra HBA)是C240 M4服务器上唯一使用的非LSI HBA控制器；与LSI RAID控制器不同，CIMC中的存储删除“存储”不存储此HBA卡的日志。

如何查看日志

从UCS服务器发送的日志示例：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
```

解决方案

此HBA控制器有一个CLI工具（与LSI控制器的storcli类似），
Adaptec ARCCONF命令行实用程序v2.01.22270

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

用户指南：

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

相关信息

要获取此控制器的驱动程序详细信息，请执行以下操作：

```
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
```