

# How to Collect Logs from RAID Controller UCSC-PSAS12GHBA?

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## Introduction

This document describes how to collect logs from RAID controller UCSC-PSAS12GHBA?

## Prerequisites

## Requirements

There are no specific requirements for this document.

## Components Used

- Controller PID: UCSC-PSAS12GHBA
- Vendor : PMC-Sierra (Microsemi)
- Driver: aacraid

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Background Information

UCSC-PSAS12GHBA (Microsemi PMC-Sierra HBA) is the only NON-LSI HBA controller used on C240 M4 server; unlike LSI RAID controllers, Storage Deamon “storaged” in CIMC does not store logs for this HBA Card.

## How to View Logs

Example Logs from UCS server: messages /

"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
```

## Solution

There is a CLI tool for this HBA controller (Just like storcli for LSI controllers),  
Adaptec ARCCONF Command Line Utility v2.01.22270

[https://storage.microsemi.com/en-us/speed/raid/storage\\_manager/arccconf\\_v2\\_01\\_22270\\_zip.php](https://storage.microsemi.com/en-us/speed/raid/storage_manager/arccconf_v2_01_22270_zip.php)

User Guide:

[http://download.adaptec.com/pdfs/user\\_guides/cli\\_arc\\_v2\\_01\\_22270\\_users\\_guide.pdf](http://download.adaptec.com/pdfs/user_guides/cli_arc_v2_01_22270_users_guide.pdf)

## Related Information

To get driver details for this controller:

```
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
```