

H3C 鲲鹏服务器 Linux 系统下通过 StorCLI 工具 收集 Avago 系列阵列卡日志

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一. 适用范围与注意事项

- 本文档旨在说明 H3C 鲲鹏服务器通过 StorCLI 工具收集 Avago 系列阵列卡日志方法。
- 如文中方法不适用或阵列卡型号不匹配，可以通过下面导航链接查找适用文档：
<https://zhiliao.h3c.com/Theme/details/208104>
- 提示：
 - 本文档中的信息（包括产品，软件版本和设置参数）仅作参考示例，具体操作与目标需求请以实际为准。
 - 本文档不定期更新维护，请以发布的最新版本为准。

二. 操作准备

1. 阵列卡工具 Storcli 获取

具体方法请参考：<https://zhiliao.h3c.com/theme/details/229961>

2. 连接 HDM-KP 与启用虚拟控制台

具体方法请参考: <https://zhiliao.h3c.com/theme/details/223857>

三. 操作步骤

1. 访问系统

1.1 通过 HDM-KP 启用 JAVA KVM/H5 KVM 访问系统

The screenshot shows the HDM-KP management interface. On the left, there is a summary card for 'UniServer R4960 G3(VD)' with details like product serial number (210231), system serial number (21023), and various system parameters. To the right, there are sections for '资源' (Resources) showing processor, memory, storage, network adapters, power, and fans; '系统监控' (System Monitoring) with circular gauges for disk usage, CPU usage, memory usage, and fan temperature; and a '虚拟控制台' (Virtual Console) window showing a terminal session with a red box highlighting the '启动虚拟控制台' (Start Virtual Console) button. The bottom right corner shows the HDM-KP time as 2024-01-02 10:24 (UTC+00:00).

1.2 通过第三方 SSH 工具访问系统

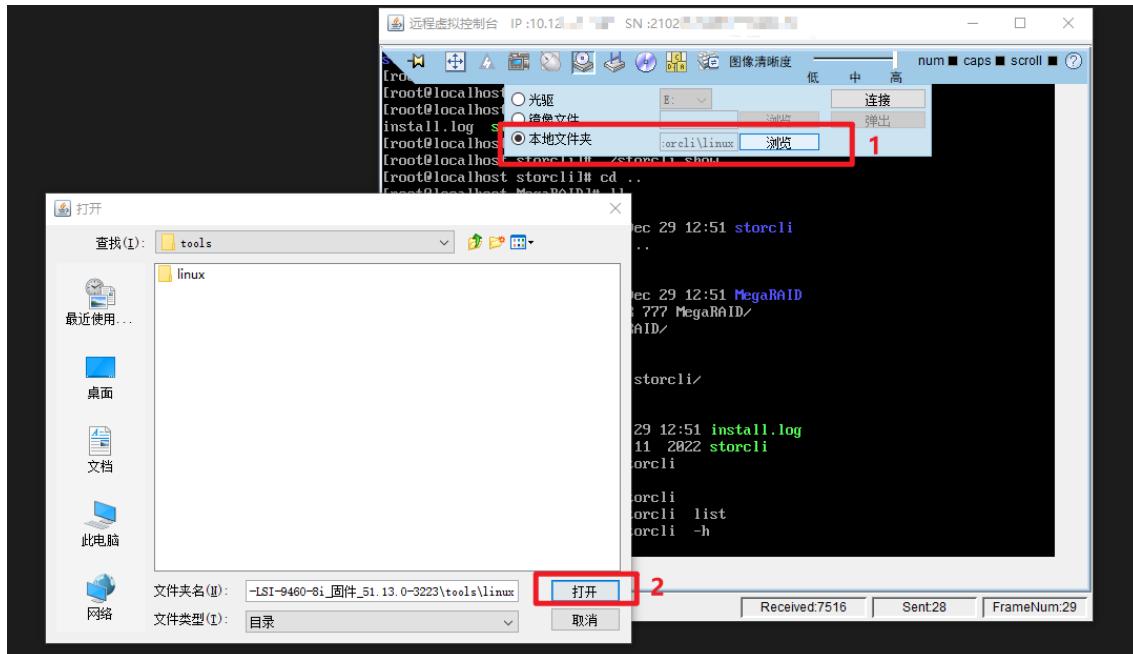
The screenshot shows a terminal session in MobaXterm. The user has connected via SSH to the system at 10.12. [REDACTED]. The session shows the user's password being entered and the message 'Warning: Permanently added '10.12. [REDACTED]' (ED [REDACTED]) to the list of known hosts.' The user then logs in with the command 'ssh root@10.12. [REDACTED]' and is prompted for their password. The terminal then displays system information, including the system load (0.22), processes (796), memory usage (1.1%), swap usage (0%), and usage on (3%). It also shows the IP address (10.12. [REDACTED]), users online (2), and the last login (Tue Jan 2 09:25:22 2024). The session ends with the command '[root@localhost ~]#'. The bottom of the window shows a registration notice: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

2. 将阵列卡工具保存到系统下

LSI 阵列卡工具为 storcli64_arm。

2.1 通过 HDM 启用 KVM 将文件挂载到系统下

远程控制台“连接”后，在系统下通过 mount 命令挂载。



2.2 通过 U 盘将文件挂载到系统下

U 盘接入服务器后，在系统下通过 mount 命令挂载。

2.3 通过第三方 SSH 工具将文件保存到系统下

参考第三方工具使用说明。

3. 安装阵列卡工具

将 storcli64_arm 工具上传至 linux 系统中，给工具添加可执行权限。

```
[root@localhost ~]# ll | grep storcli64_arm
-rwxr-xr-x. 1 root root 6747504 9月 18 2022 storcli64_arm
[root@localhost ~]# chmod a+x storcli64_arm
[root@localhost ~]#
```

4. 收集阵列卡日志

分别执行以下命令收集日志：

- storcli64_arm /call show all > /tmp/showall.txt
- storcli64_arm /call/vall show all > /tmp/vallshowall.txt
- storcli64_arm /call show events > /tmp/events.txt
- storcli64_arm /call show alilog > /tmp/alilog.txt
- storcli64_arm /call show termlog > /tmp/termlog.txt

```
[root@localhost ~]# ./storcli64_arm /call show all > /tmp/all.txt
[root@localhost ~]# ./storcli64_arm /call show events > /tmp/events.txt
[root@localhost ~]# ./storcli64_arm /call show alilog > /tmp/alilog.txt
[root@localhost ~]# ./storcli64_arm /call show termlog > /tmp/termlog.txt
```

注：以上命令将/tmp 设置为日志存放路径，请在/tmp 下查找日志。

```
[root@localhost ~]# ll /tmp
总用量 13892
-rw-r--r--. 1 root root 4070436 1月 2 09:33 alilog.txt
-rw-r--r--. 1 root root 14671 1月 2 09:32 all.txt
-rw-r--r--. 1 root root 9201437 1月 2 09:33 events.txt
-rw-r--r--. 1 root root 930978 1月 2 09:33 termlog.txt
[root@localhost ~]#
```