HPE Gen12 服务器 MR 系列阵列卡 Windows/Linux/VMware 系统下 StorCLI 配置阵列

目录

一. 适用范围与注意事项

- 本文档旨在说明 HPE Gen12 系列服务器 MR 系列阵列卡不同系统下使用 MegaRAID Storage Administrator StorCLI 工具配置阵列的方法，并以 DL360 Gen12 服务器为例进行配置步骤说明。
  MR 系列阵列卡包含如下型号：
  - HPE MR416i-p Gen12
  - HPE MR416i-o Gen12
  - HPE MR216i-p Gen12
  - HPE MR216i-o Gen12
  - HPE MR408i-o Gen12
  - HPE MR408i-p Gen12
- 实际情况是否适用本文档，请通过下面导航链接进行确认：
  https://zhiliao.h3c.com/Theme/details/218271
- 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设置请以实际为准。
  本文档不定期更新维护，请以发布的最新版本为准。

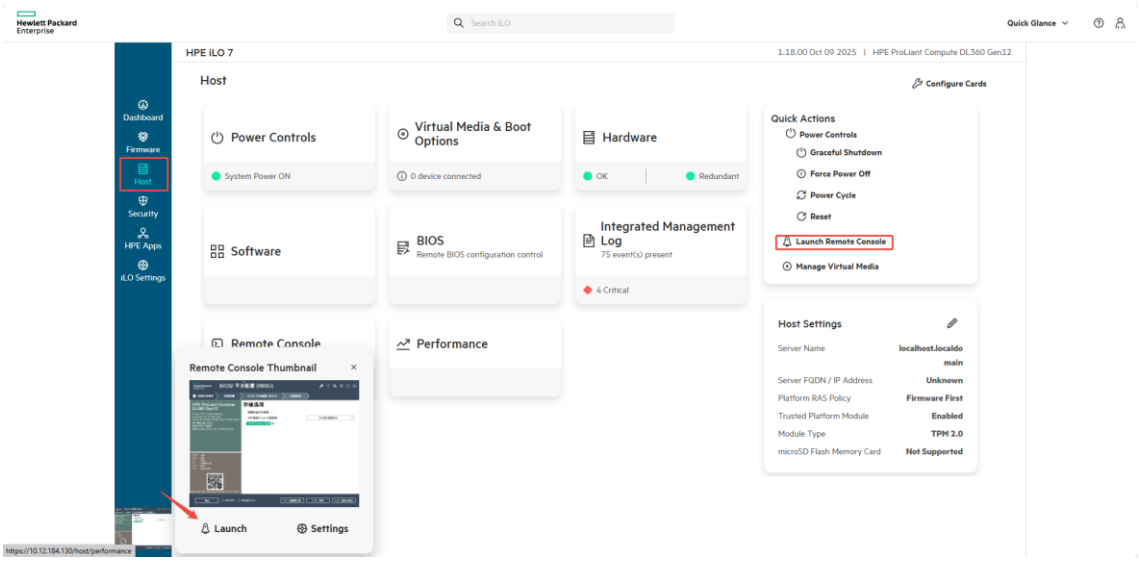
二. 配置准备

1. 下载 MegaRAID Storage Administrator StorCLI 工具
   - Windows 下载链接：HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers) | HPE Support Center
   - Linux 下载链接：HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers) | HPE Support
   - VMware 下载链接：
     - ESXi 8.0：HPE MegaRAID Storage Administrator StorCLI for VMware8.0 (For Gen10P and Gen11 Controllers) | HPE Support
     - ESXi 9.0：HPE MegaRAID Storage Administrator StorCLI for VMware9.0 (For Gen10P and Gen11 Controllers) | HPE Support
2. 连接 iLO 与启用远程控制台
   具体方法请参考：https://zhiliao.h3c.com/theme/details/233627

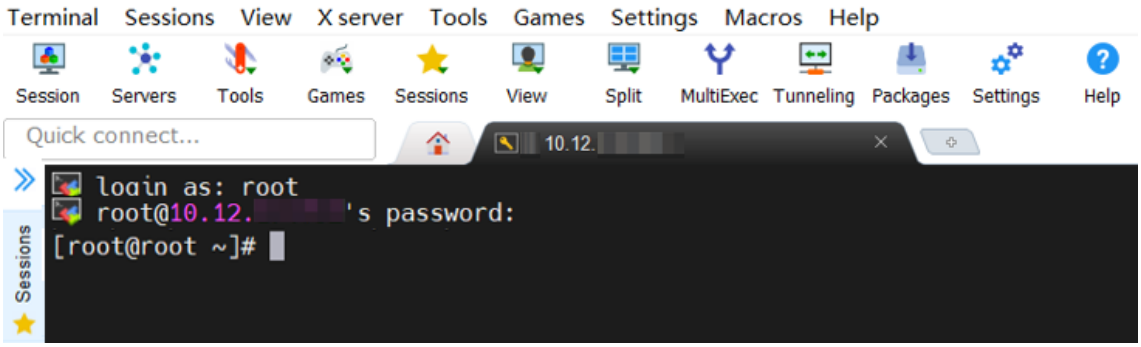
三. 配置步骤

1. 访问系统
   1.1 通过 iLO 启用远程控制台访问系统（Windows Server，Linux，VMware ESXi）
   通过 iLO7 页面 **Dashboard - Virtual Media & Remote Console** 选项，或 **Host - Remote**

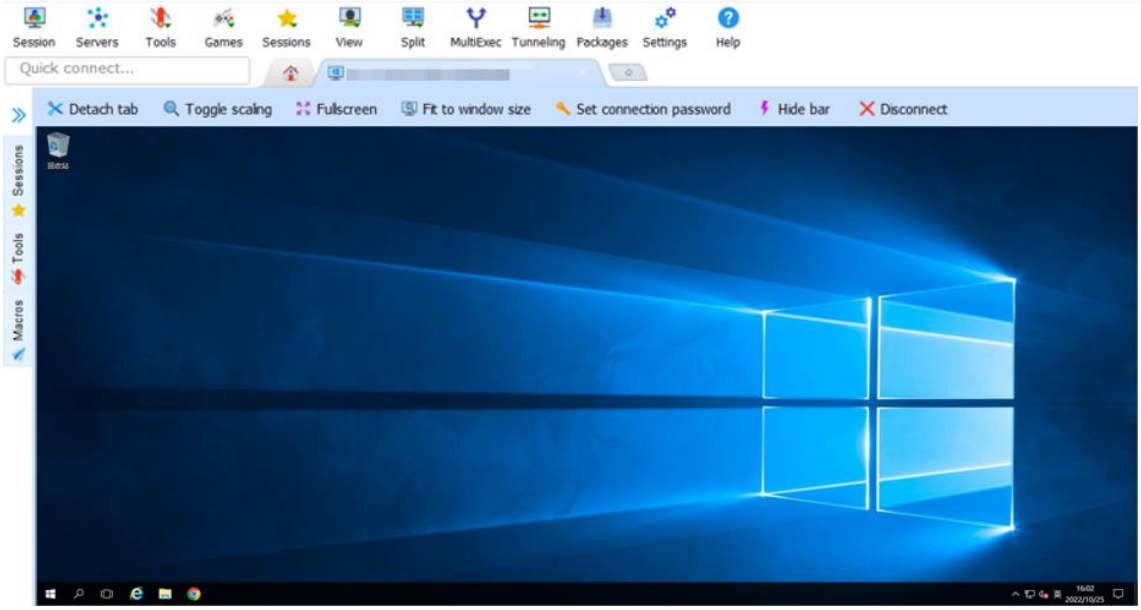
Console 页面，或页面左下方 Remote Console 选区可直接启用远程控制台；也可在上方搜索栏直接搜索 Remote Console 进行选择。本文以 HTML5 远程控制台为例。



1.2 通过第三方 SSH 工具访问系统（Linux，VMware ESXi）



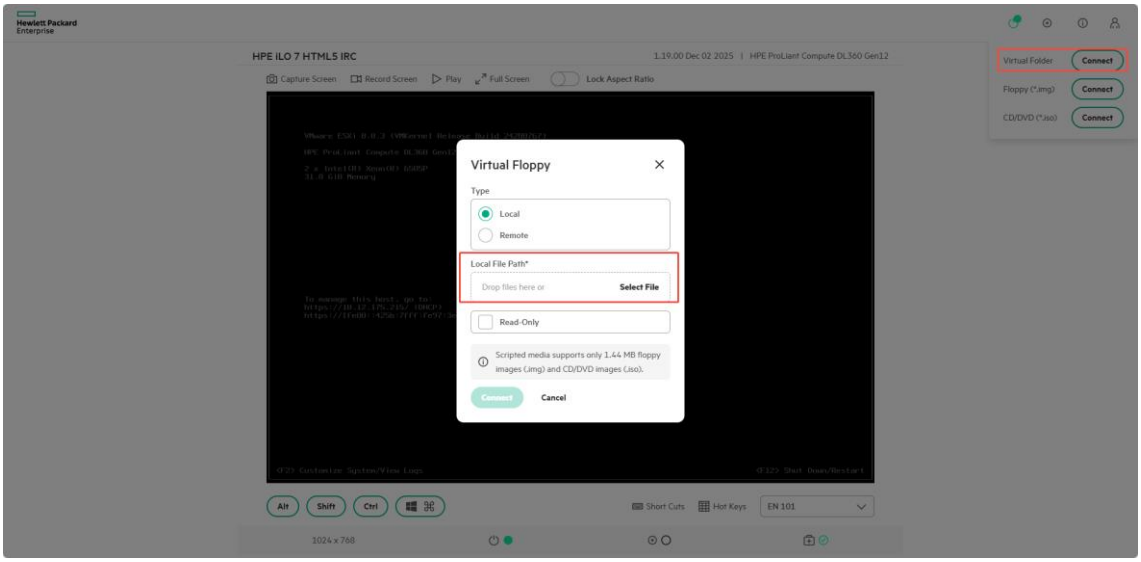
1.3 通过远程桌面或第三方 RDP 工具访问系统（Windows Server）



2. 将 MegaRAID Storage Administrator StorCLI 工具保存到系统下

2.1 Windows Server

2.1.1 通过 iLO 启用远程控制台将工具挂载到系统下



2.1.2 通过 U 盘将文件挂载到系统下

U 盘接入服务器后，在系统下直接访问挂载点。

2.2 Linux

2.2.1 通过 iLO 启用远程控制台将工具挂载到系统下

```
[root@localhost ~]# lsblk
NAME            MAJ:MIN RM   SIZE RO TYPE MOUNTPOINT
sda               8:0    0 837.9G  0 disk
├─sda1            8:1    0   200M  0 part /boot/efi
├─sda2            8:2    0     1G  0 part /boot
└─sda3            8:3    0 836.7G  0 part
  ├─rhel-root   253:0    0    50G  0 lvm  /
  ├─rhel-swap   253:1    0     4G  0 lvm  [SWAP]
  └─rhel-home   253:5    0 782.7G  0 lvm  /home
sdc               8:32   1    16M  1 disk /run/media/root/iLO FOLDER
nvme0n1         259:0    0 372.6G  0 disk
├─nvme0n1p1     259:2    0   200M  0 part
├─nvme0n1p2     259:3    0     1G  0 part
└─nvme0n1p3     259:4    0 371.4G  0 part
  ├─rhel00-swap 253:2    0     4G  0 lvm
  ├─rhel00-home 253:3    0 317.4G  0 lvm
  └─rhel00-root 253:4    0    50G  0 lvm
nvme1n1         259:1    0 372.6G  0 disk
[root@localhost ~]# mount /dev/sdc /mnt
mount: /dev/sdc is write-protected, mounting read-only
[root@localhost ~]# cd /mnt
[root@localhost mnt]# ls
storcli-007.1616.0000.0000-1.x86_64.rpm
```

2.2.2 通过 U 盘将文件挂载到系统下

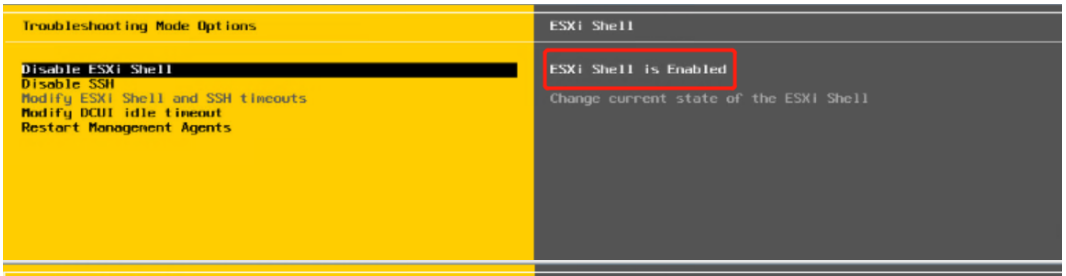
U 盘接入服务器后，在系统下通过 mount 命令挂载。

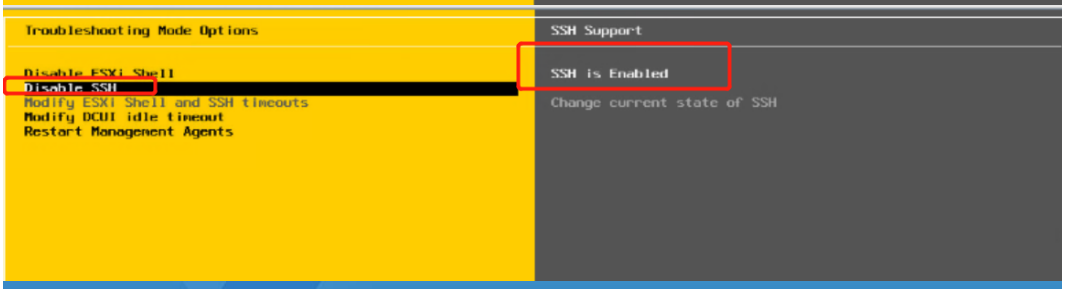
2.2.3 通过第三方 SSH 工具将文件保存到系统下

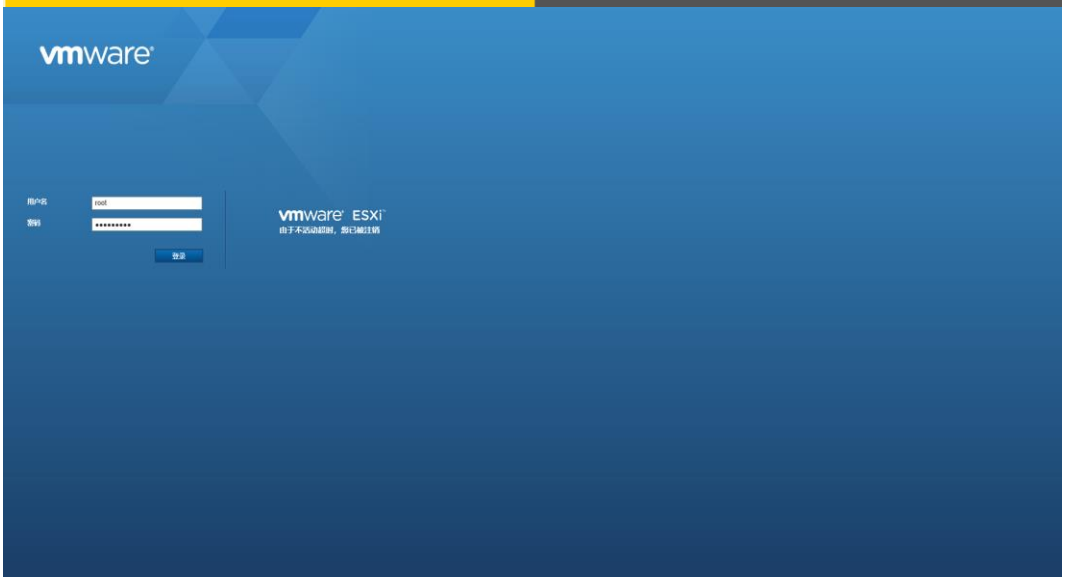
参考第三方工具使用说明。

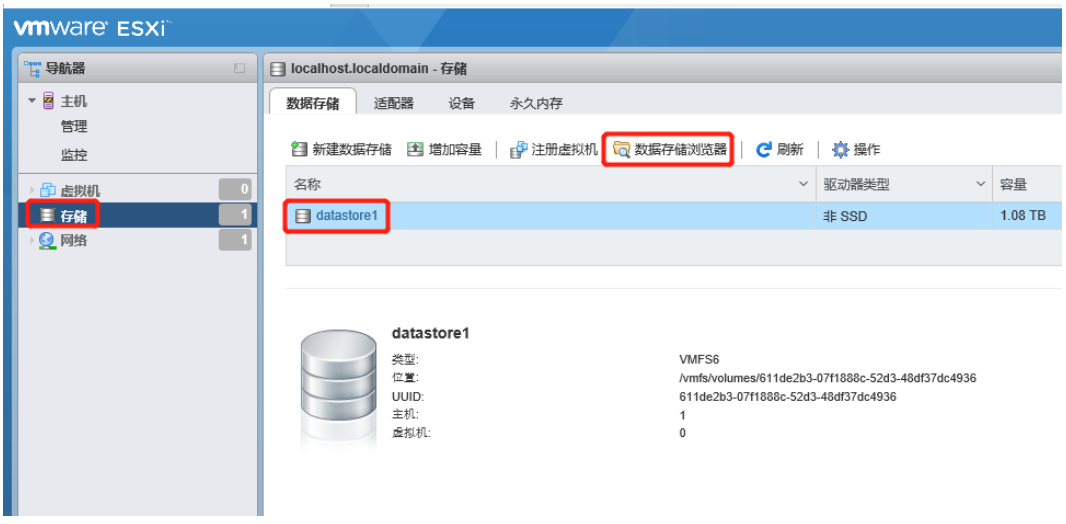
2.3 VMware ESXi

2.3.1 启用 Shell 并通过 Web Client 将文件保存到系统下


Troubleshooting Mode Options
Disable ESXi Shell
Disable SSH
Modify ESXi Shell and SSH timeouts
Modify DCUI idle timeout
Restart Management Agents
ESXi Shell
ESXi Shell is Enabled
Change current state of the ESXi Shell


Troubleshooting Mode Options
Disable ESXi Shell
Disable SSH
Modify ESXi Shell and SSH timeouts
Modify DCUI idle timeout
Restart Management Agents
SSH Support
SSH is Enabled
Change current state of SSH


vmware
vmware ESXi


vmware ESXi
导航器
主机
管理
监控
虚拟机
存储
网络
localhost.localdomain - 存储
数据存储
适配器
设备
永久内存
新建数据存储
增加容量
注册虚拟机
数据存储浏览器
刷新
操作
名称
驱动器类型
容量
datastore1
非 SSD
1.08 TB
datastore1
类型: VMFS6
位置: /vmfs/volumes/611de2b3-07f1888c-52d3-48df37dc4936
UUID: 611de2b3-07f1888c-52d3-48df37dc4936
主机: 1
虚拟机: 0

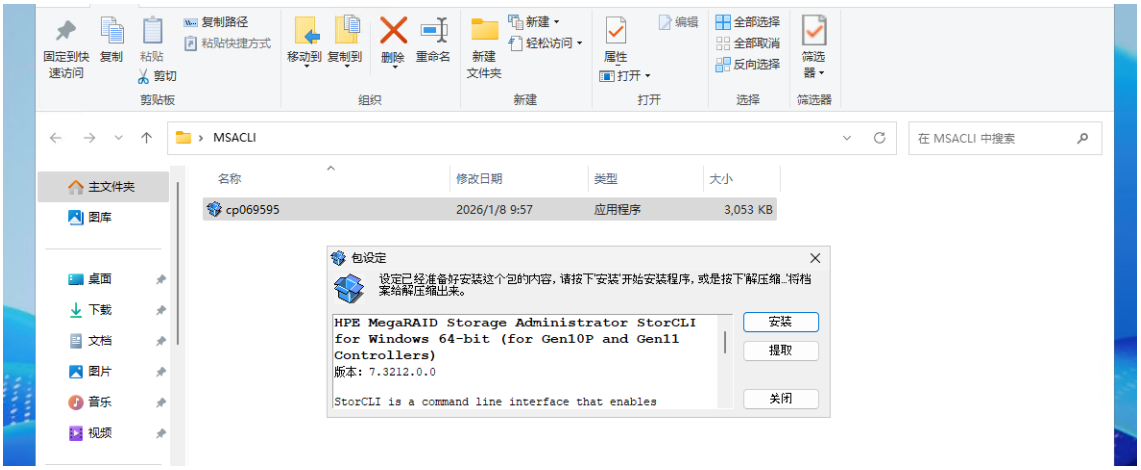
2.3.2 通过第三方 SSH 工具将文件保存到系统下

参考第三方工具使用说明。

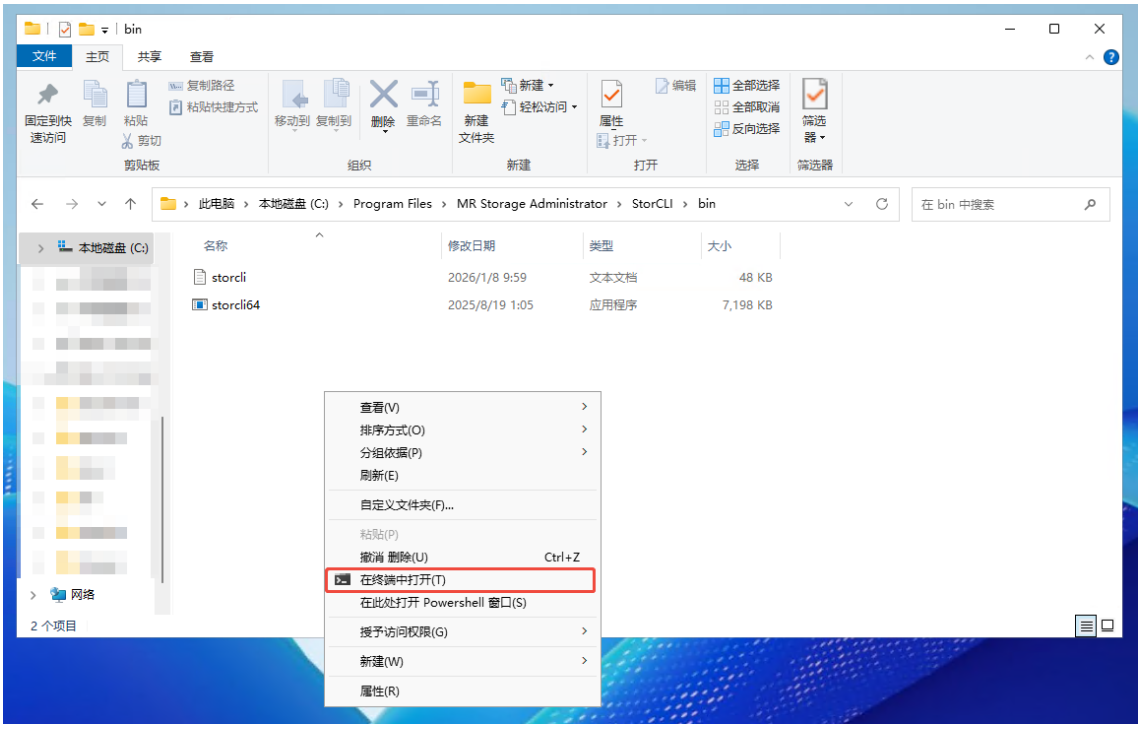
3. 安装 MegaRAID Storage Administrator StorCLI

3.1 Windows Server

1) 双击运行开始安装 Storcli 工具。



2) 找到 storcli 工具所在位置，按住 shift 键，然后鼠标右键点击空白处，打开命令窗口。



3) **.\strocli64.exe**，即可运行 storcli 工具。

```
PS C:\Program Files\MR Storage Administrator\StorCLI\bin> .\storcli64.exe show all
CLI Version = 007.3212.0000.0000 Apr 16, 2025
Operating system = Windows Server 2025
Status Code = 0
Status = Success
Description = None

Number of Controllers = 1
Host Name = WIN-BMFCFVDM2A4
Operating System  = Windows Server 2025
StoreLib IT Version = 07.3300.0200.0300
StoreLib IR3 Version = 16.16-0

System Overview :
===============

-------------------------------------------------------------------------------
Ctl Model            Ports PDs DGs DNOpt VDs VNOpt BBU sPR DS EHS ASOs Hlth
-------------------------------------------------------------------------------
  0 HPEMR416i-oGen11    16  10   3     0   3     0 Opt On  -  N      4 Opt
-------------------------------------------------------------------------------
```

3.2 Linux

1) **rpm -ivh** 安装 storcli 工具。

```
[root@localhost mnt]# rpm -ivh storcli-007.3212.0000.0000-1.noarch.rpm
警告：storcli-007.3212.0000.0000-1.noarch.rpm: 头 V4 RSA/SHA384 Signature, 密钥 ID 74c3a4a2: NOKEY
Verifying...                          ################################# [100%]
准备中...                             ################################# [100%]
正在升级/安装...
   1:storcli-007.3212.0000.0000-1     ################################# [100%]
egrep: warning: egrep is obsolescent; using grep -E
```

工具默认安装在/opt/hpe/storcli 目录下，./storcli64 命令运行。

```
[root@localhost storcli]# ./storcli64 show all
CLI Version = 007.3212.0000.0000 Apr 16, 2025
Operating system = Linux 6.12.0-55.9.1.el10_0.x86_64
Status Code = 0
Status = Success
Description = None

Number of Controllers = 1
Host Name = localhost.localdomain
Operating System  = Linux 6.12.0-55.9.1.el10_0.x86_64

System Overview :
===============

-------------------------------------------------------------------------------
Ctl Model            Ports PDs DGs DNOpt VDs VNOpt BBU sPR DS EHS ASOs Hlth
-------------------------------------------------------------------------------
  0 HPEMR416i-oGen11    16  10   3     0   3     0 Opt On  -  N      4 Opt
-------------------------------------------------------------------------------
```

3.3 VMware ESXi

1) 进入文件所在位置，使用 **unzip + xxx.zip** 解压，得到.vib 文件。

```
[root@localhost:/tmp] ls
cp067756.zip      stagingdirectory  vmware-root       vmware-uid_0
[root@localhost:/tmp] unzip cp067756.zip
Archive:  cp067756.zip
  inflating: BCM-storcli_007.3212.0000.0000-02.zip
  inflating: BCM_bootbank_storcli_007.3212.0000.0000-02.vib
  inflating: cp067756.xml
```

2) 使用 **esxcli software vib install -v [软件包所在的绝对路径] [.vib 文件名]** 进行安装。安装完成后若提示需要重启，重启后在路径下可以看到对应工具。

```
[root@localhost:/tmp] esxcli software vib install -v /tmp/BCM_bootbank_storcli_007.32
12.0000.0000-02.vib --no-sig-check
Installation Result
   Message: The update completed successfully, but the system needs to be rebooted fo
r the changes to be effective.
   VIBs Installed: BCM_bootbank_storcli_007.3212.0000.0000-02
   VIBs Removed:
   VIBs Skipped:
   Reboot Required: true
   DPU Results:
```

3) 工具默认安装在/opt/storcli/bin 目录下，使用 **cd /opt/storcli/bin** 进入此目录。不同系统版本可能路径不同，若有差异，可自行在 opt 目录下查找，示例为 VMware 8.0 U3

```
[root@localhost:/opt/storcli/bin] ls
storcli64
```

4. 获取阵列卡编号、逻辑盘编号和物理盘编号（命令通用，以 Linux 系统为例）

1) **./storcli64 show all** 查看当前阵列卡型号及编号：MR416 i-o 阵列卡 编号：C0。

```
[root@localhost storcli]# ./storcli64 show all
CLI Version = 007.3212.0000.0000 Apr 16, 2025
Operating system = Linux 6.12.0-55.9.1.el10_0.x86_64
Status Code = 0
Status = Success
Description = None

Number of Controllers = 1
Host Name = localhost.localdomain
Operating System  = Linux 6.12.0-55.9.1.el10_0.x86_64

System Overview :
===============

-----------------------------------------------------------------------------
Ctl Model            Ports PDs DGs DNOpt VDs VNOpt BBU sPR DS EHS ASOs Hlth
-----------------------------------------------------------------------------
  0 HPEMR416i-oGen11    16  10   3     0   3     0 Opt On  -  N      4 Opt
-----------------------------------------------------------------------------
```

2) **./storcli64 /c0 show all** 显示控制器列表和控制器相关信息。

```
[root@localhost storcli]# ./storcli64 /c0 show all
Generating detailed summary of the adapter, it may take a while to complete.

CLI Version = 007.3212.0000.0000 Apr 16, 2025
Operating system = Linux 6.12.0-55.9.1.el10_0.x86_64
Controller = 0
Status = Success
Description = None
```

3) **./storcli64 /c0/vall show** 查看逻辑盘信息：一个逻辑卷，级别为 raid 5。

```
Virtual Drives = 1

VD LIST :
=======

--------------------------------------------------------------
DG/VD TYPE  State Access Consist Cache Cac sCC      Size Name
--------------------------------------------------------------
0/239 RAID5 Optl  RW     Yes     NRWTD -   ON  1.745 TiB LDName_00
--------------------------------------------------------------

DG=Arrays|VD=Virtual Drive/Logical Drive|Rec=Recovery
Cac=CacheCade|OfLn=OffLine|Pdgd=Partially Degraded|Dgrd=Degraded
Optl=Optimal|dflt=Default|RO=Read Only|RW=Read Write|HD=Hidden|TRANS=TransportReady
B=Blocked|Consist=Consistent|R=Read Ahead Always|NR=No Read Ahead|WB=WriteBack
AWB=Always WriteBack|WT=WriteThrough|C=Cached IO|D=Direct IO|sCC=Scheduled
Check Consistency
```

4) **./storcli64 /c0/eall/sall show** 查看物理盘信息：共 4 块物理盘，252：2 为 JBOD 模式。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 Onln   0 960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  -
252:2     0 Onln   - 960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  JBOD
252:3     2 Onln   0 960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  -
252:4     3 Onln   0 960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  -
-----------------------------------------------------------------------------------------------------
```

5. 创建与删除阵列

5.1 创建阵列

1）**./storcli64 /c0 show all** 确认目标物理硬盘的 EID：Slt 信息。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  JBOD
252:3     2 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  -
252:4     3 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                   U  -
-----------------------------------------------------------------------------------------------------
```

2）**./storcli64 /c0 add vd type=raid1 size=all name=A1 drives=252:3,252:4** 创建阵列。

注：add vd 添加逻辑卷，type=raid1 阵列级别为 raid1，size=all 使用全部空间创建 name=A1 阵列名称为 A1，drives= 252:3,252:4 使用 EID：Slt 信息为 252:3,252:4 的硬盘创建阵列。

```
[root@localhost storcli]# ./storcli64 /c0 add vd type=raid1 size=all name=A1 drives=252:3,252:4
CLI Version = 007.1616.0000.0000 Dec 24, 2020
Operating system = Linux 4.18.0-240.el8.x86_64
Controller = 0
Status = Success
Description = Add LD Succeeded.
```

3）**./storcli64 /c0 show all** 查看逻辑卷信息，阵列 A1 创建成功。

```
Virtual Drives = 1

VD LIST :
=======

--------------------------------------------------------------
DG/VD TYPE  State Access Consist Cache Cac sCC        Size Name
--------------------------------------------------------------
0/239 RAID1 Optl  RW     No      NRWBD -   ON  893.750 GiB A1
--------------------------------------------------------------
```

4）查看物理盘信息，阵列中的硬盘状态变为 online 状态。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  JBOD
252:3     2 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:4     3 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
-----------------------------------------------------------------------------------------------------
```

5.2 删除阵列

1）**./storcli64 /c0 show all** 确认目标逻辑卷的 VD 值，如下图所示为 239。

```
Virtual Drives = 1

VD LIST :
=======

--------------------------------------------------------------
DG/VD TYPE  State Access Consist Cache Cac sCC      Size Name
--------------------------------------------------------------
0/239 RAID5 Optl  RW     Yes     NRWTD -   ON  1.745 TiB LDName_00
--------------------------------------------------------------
```

2）**./storcli64 /c0/v239 delete** 删除阵列卡 c0 下的逻辑卷 v239。

```
[root@localhost storcli]# ./storcli64 /c0/v239 delete
CLI Version = 007.1616.0000.0000 Dec 24, 2020
Operating system = Linux 4.18.0-240.el8.x86_64
Controller = 0
Status = Success
Description = Delete LD succeeded
```

6. 创建与删除热备

6.1 创建热备

6.1.1 创建专用热备

1）**./storcli64 /c0 show all** 确认目标逻辑盘的 DG 信息为 0。

```
Virtual Drives = 1

VD LIST :
=======

--------------------------------------------------------------
DG/VD TYPE  State Access Consist Cache Cac sCC        Size Name
--------------------------------------------------------------
0/239 RAID1 Optl  RW     No      NRWBD -   ON  893.750 GiB A1
--------------------------------------------------------------
```

2）**./storcli64 /c0/e252/s1 add hotsparedrive dgs=0** 为 DG 信息为 0 的阵列配置专属热备为 EID:Slt 信息为 252 : 1 的硬盘。

```
[root@localhost storcli]# ./storcli64 /c0/e252/s1 add  hotsparedrive dgs=0
CLI Version = 007.1616.0000.0000 Dec 24, 2020
Operating system = Linux 4.18.0-240.el8.x86_64
Controller = 0
Status = Success
Description = Add Spare Succeeded.
```

3）**./storcli64 /c0 show all** 可看到目标硬盘的状态变为 DHS：专属热备盘。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 DHS   0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  JBOD
252:3     2 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:4     3 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
-----------------------------------------------------------------------------------------------------
```

6.1.2 创建全局热备

1）**./storcli64 /c0 show all** 确认目标物理硬盘的 EID : Slt 信息。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  JBOD
252:3     2 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:4     3 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
-----------------------------------------------------------------------------------------------------
```

2）**./storcli64 /c0/e252/s1 add hotsparedrive** 将 EID : Slt 信息为 252 : 1 的硬盘设置为热备盘。

```
[root@localhost storcli]# ./storcli64 /c0/e252/s1 add hotsparedrive
CLI Version = 007.1616.0000.0000 Dec 24, 2020
Operating system = Linux 4.18.0-240.el8.x86_64
Controller = 0
Status = Success
Description = Add Spare Succeeded.
```

3）**./storcli64 /c0 show all** 可看到物理盘状态变为 GHS（全局热备）。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 GHS   -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  JBOD
252:3     2 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:4     3 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
-----------------------------------------------------------------------------------------------------
```

6.2 删除热备

1）**./storcli64 /c0/e252/s1 delete hotsparedrive** 删除 EID：Slt 信息为 252：1 硬盘。

```
[root@localhost storcli]# ./storcli64 /c0/e252/s1 delete hotsparedrive
CLI Version = 007.1616.0000.0000 Dec 24, 2020
Operating system = Linux 4.18.0-240.el8.x86_64
Controller = 0
Status = Success
Description = Delete Spare Succeeded.
```

1）**./storcli64 /c0 show all** 查看物理盘状态变为 UGood：未配置的正常硬盘。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  JBOD
252:3     2 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:4     3 Onln  0  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
-----------------------------------------------------------------------------------------------------
```

7. 设置与取消直通盘

1）**./storcli64 /c0 show all** 确认目标硬盘 EID：Slt 信息，状态。

```
Physical Drives = 4

PD LIST :
=======

-----------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
-----------------------------------------------------------------------------------------------------
252:1     1 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  JBOD
252:3     2 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
252:4     3 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                    U  -
-----------------------------------------------------------------------------------------------------
```

2）**./storcli64 /c0/e252/s1 set JBOD** 将 EID：Slt 信息为 252：1 的硬盘设置为 JBOD 模式。

```
[root@localhost storcli]# ./storcli64 /c0/e252/s1 set JBOD
CLI Version = 007.1616.0000.0000 Dec 24, 2020
Operating system = Linux 4.18.0-240.el8.x86_64
Controller = 0
Status = Success
Description = Set Drive JBOD Succeeded.
```

3）**./storcli64 /c0 show all** 目标硬盘状态已成功设置为 JBOD 模式。

```
PD LIST :
=======

--------------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
--------------------------------------------------------------------------------------------------------
252:1     1 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  JBOD
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  JBOD
252:3     2 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  -
252:4     3 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  -
--------------------------------------------------------------------------------------------------------
```

4）**./storcli64 /c0/e252/s1 set good** 取消 JBOD，将硬盘恢复为 UGood 状态。如果无法恢复可能是因为刚创建直通盘，需要在 good 后添加 force。

```
[root@localhost storcli]# ./storcli64 /c0/e252/s1 set good
CLI Version = 007.1616.0000.0000 Dec 24, 2020
Operating system = Linux 4.18.0-240.el8.x86_64
Controller = 0
Status = Success
Description = Set Drive Good Succeeded.
```

5）**./storcli64 /c0 show all** 目标硬盘状态已恢复 UGood 模式。

```
Physical Drives = 4

PD LIST :
=======

--------------------------------------------------------------------------------------------------------
EID:Slt DID State DG      Size Intf Med SED PI SeSz Model                                  Sp Type
--------------------------------------------------------------------------------------------------------
252:1     1 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  -
252:2     0 Onln  -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  JBOD
252:3     2 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  -
252:4     3 UGood -  960.00 GB NVMe SSD N   N  512B MZXLR960HBHQ-000H3                     U  -
--------------------------------------------------------------------------------------------------------
```