

ssaccli

Source: [HPE Storage Controller Management \(ssaccli\)](#)

```
ssaccli controller slot=2 show
ssaccli controller slot=2 show config
ssaccli ctrl all show status

# Show all physical drives
ssaccli ctrl slot=2 pd all show
ssaccli ctrl slot=2 pd all show detail

# Show all logical drives
ssaccli ctrl slot=2 ld all show
ssaccli ctrl slot=2 ld all show detail

# Show arrays
ssaccli ctrl slot=2 array all show detail
```

rescan for new drives

```
ssaccli rescan
```

cache ratio

Default cache ratio is: Cache Ratio: 10% Read / 90% Write

To set new cache ratio (read/write): `ssaccli ctrl slot=2 modify cacheratio=50/50`

disable physical drive write cache

```
ssaccli ctrl slot=2 modify dwc=disable
```

rebuild priority

Set high rebuild priority: `ssaccli ctrl slot=2 modify rp=high`

Show rebuild priority: `ssaccli ctrl slot=2 modify rp=?`

switch to HBA mode

```
ssacli ctrl slot=2 ld all delete
ssacli controller slot=2 modify hbamode=on
```

RAID5

```
# Create
ssacli ctrl slot=2 create type=ld drives=5I:1:4,5I:1:9,5I:1:12 raid=5
stripsize=1024

# Add 2 more drivers:
ssacli ctrl slot=2 ld all show
ssacli ctrl slot=2 pd all show
ssacli ctrl slot=2 ld 2 add drives=5I:1:7,5I:1:10

ssacli ctrl slot=2 array B show detail

# Resize ld 2 to max size
ssacli ctrl slot=2 ld 2 modify size=max
ssacli ctrl slot=2 array B show detail

# Force Linux to detect size change:
echo 1 > /sys/class/scsi_disk/0\:1\:0\:1/device/rescan

# echo 1 > /sys/block/sdb/device/rescan
# partprobe /dev/sdb
```

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