

volume

Usage

```
create volume    [label=]<volname> disk=<device> [size=<size>[kKmMgGtT]]
create volume    [label=]<volname> vg=<vg-name>|snapshotof=<volname>
                  disk=<device>size=<size>[kKmMgGtT] [options=<lvopts>]
create volume    [label=]<thinpoolname> thinpool=1 vg=<vg-name> size=<size>[kKmMgGtT]
create volume    [label=]<volname> thinpool=<thinpoolname> size=<size>[kKmMgGtT]
create volume    [label=]<volname> filesystem=xfs|ext4|zfs pathname=<fs-path> [disk=<disk-name>] [zp=<pool-name>]
delete volume    [label=]<volname>
set volume       <volname> [size|capacity=<size>[kKmMgGtT]]
                  [readAheadEnabled=boolean] [readAheadMulti=integer-val]
                  [readCacheEnabled=boolean] [writeCacheEnabled=boolean]
                  [cacheFlushDelay=integer] [varyioEnabled=boolean]
                  [readOnly|writeProtect=boolean]
show volume      [[label=][user-label]]
```

Examples

```
mayaccli create volume testvol disk=/dev/sda
mayaccli create volume testvol vg=vgtest size=200G
mayaccli create volume snap_test snapshotof=testvol size=20G
mayaccli create volume vmppool_thin thinpool=1 vg=vgtest size=200G
mayaccli create volume vmdisk_thin thinpool=vmppool size=1T
mayaccli create volume export1 filesystem=xfs pathname=/vault/projects options='*(rw, sync)''
```

Output

```
mayaccli show vol
Configured Volumes:
Type: id = Individual Disk, bd = Block Device, flex = Flexible Volume,
      snap = Snapshot Volume, rg = Raid Group, vg = Volume Group,
      tape = Virtual Tape Volume, vtape = Virtual Tape Drive,
      vtl = Virtual Tape Library, crypt = Block level encrypted volume

Volume      Type    Size    Device
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rhel         vg       9.00G  /dev/rhel
testvg1      vg     223.57G /dev/testvg1
test_thinpool thinpool 100.00G /dev/testvg1/test_thinpool
thinvol1     flex    15.00G /dev/testvg1/thinvol1
thinvol2     flex    20.00G /dev/testvg1/thinvol2
thickvol1    flex    50.00G /dev/testvg1/thickvol1
thinvol3     flex    20.00G /dev/testvg1/thinvol3
testzpool1   zpool   222.00G /dev/testzpool1
zvol1        flex    10.00G /dev/testzpool1/zvol1
zvol2        flex   100.00G /dev/testzpool1/zvol2
nvmevol1     block   953.87G /dev/nvme0n1
```