

VERITAS Volume Manager for Windows Commands

NAMING CONVENTIONS

- Physical disk name *diskname* Example: Harddisk0
- Disk group name *dgname* Example: sqldg
- Assigned drive letter *DriveLetter* Example: s:
- Volume name *volname* Example: myvol
- Length in MB *length* Example: 100

VOLUME OPERATIONS

Action	Command Line
Create a volume	<code>vxassist -gdgname make volname length [type={mirror raid5 stripe} [,log]] [Mirror=M] [Column=N] [StripeUnit=width] [DriveLetter=DriveLetter] [diskname...]</code>
Example:	<code>vxassist -gmydg make myvol 100 type=stripe,log Mirror=2 Column=3 DriveLetter=s</code>
Resize a volume	<code>vxassist growby DriveLetter length</code>
Remove a volume	<code>vxassist remove volume DriveLetter</code>
Display volume properties	<code>vxvol [-v] volinfo DriveLetter</code>

DISK GROUP OPERATIONS

Action	Command Line
List all visible disk groups	<code>vx dg list</code>
Get disk group details	<code>vx dg -gdgname dginfo</code>
Create a disk group	<code>vx dg -gdgname init diskname diskname...</code>
Import a disk group	<code>vx dg -gdgname import</code>
Deport a disk group	<code>vx dg -gdgname deport</code>
Add a disk to a disk group	<code>vx dg -gdgname adddisk diskname</code>
Remove disk from a disk group	<code>vx dg rmdisk diskname</code>
Split objects between disk groups	<code>vx dg -gsourcedg -ntargetdg split objects</code>
Split all snapshots to a new target disk group	<code>vx dg -gsourcedg -ntargetdg -s split</code>
Join disk groups	<code>vx dg -gsourcedg -ntargetdg join</code>

PLEX AND SNAPSHOT OPERATIONS

Action	Command Line
Add a mirror	<code>vxassist mirror DriveLetter [Mirror=M]</code>
Remove a mirror	<code>vxassist remove mirror DriveLetter [plex=PlexName]</code>
Add a log	<code>vxassist addlog DriveLetter</code>
Remove a log	<code>vxassist remove log DriveLetter</code>
Create a snapshot	<code>vxassist snapstart DriveLetter vxassist snapshot DriveLetter DriveLetter=NewDriveLetter [NewVolumeName]</code>
Abort a snapshot	<code>vxassist snapabort DriveLetter</code>
Reassociate a snapshot	<code>vxassist [-o resyncfromreplica] [-b] snapback snapvolname DriveLetter</code>

DISK OPERATIONS

Action	Command Line
Add signature to a disk	<code>vx disk sig diskname</code>
Replace a failed disk	<code>vx dg repldisk diskname=diskname</code>
Example:	<code>vx dg repldisk "Missing Disk (Disk4)"=Harddisk5</code>
Reactivate a disk	<code>vx disk reactivate diskname</code>
Unrelocate subdisks back to a disk	<code>vxunreloc [-nnewdiskname] diskname</code>
Refresh local VM database	<code>vxassist refresh</code>
Rescan SCSI bus	<code>vxassist rescan</code>
Send SCSI bus resets	<code>vxassist resetbus</code>

GUI EQUIVALENTS

All operations listed here can be performed from VERITAS Enterprise Administrator (VEA) by right-clicking on the specific object. For example, right-click on a disk group to import or deport the disk group.