

Basic VxVM Commands

DISK OPERATIONS

Action	Command Line
Initialize a disk	<code>vxdisksetup -i device</code>
List disks owned by local and remote hosts	<code>vxdisk -o alldgs list</code>
List disk header	<code>vxdisk list diskname device</code>
Evacuate a disk	<code>vxevac -g diskgroup from_disk to_disk</code>
Rename a disk	<code>vxedit -g diskgroup rename oldname newname</code>
Set spare, no hot relocation, or reserved space on a disk	<code>vxedit -g diskgroup set {spare nohotuse reserve}=on off diskname</code>
Unrelocate a disk	<code>vxunreloc -g diskgroup original_diskname</code>

DISK GROUP OPERATIONS

Action	Command Line
Create a disk group	<code>vxdg init diskgroup diskname=device</code>
Add a disk to disk group	<code>vxdg -g diskgroup adddisk diskname=device</code>
Remove a disk from disk group	<code>vxdg -g diskgroup rmdisk diskname</code>
Deport, import or destroy a disk group	<code>vxdg {deport import destroy} diskgroup</code>
List disk groups	<code>vxdg list [diskgroup]</code>
Show free/spare space pool	<code>vxdg -g diskgroup {free spare}</code>
Upgrade disk group version	<code>vxdg [-T version] upgrade diskgroup</code>
Rewrite disk headers, configuration copies, and kernel log copies in a disk group.	<code>vxdg flush diskgroup targetdg object...</code> or <code>vxdctl enable (for all disk groups)</code>
Move an object between disk groups	<code>vxdg move sourcedg targetdg object...</code>
Split objects between disk groups	<code>vxdg split sourcedg targetdg object...</code>
Join disk groups	<code>vxdg join sourcedg targetdg</code>
List objects affected by a disk group move operation	<code>vxdg listmove sourcedg targetdg object...</code>

VOLUME OPERATIONS

Action	Command Line
Create a volume	<code>vxassist -g diskgroup make vol_name size layout=format diskname</code>
Remove a volume	<code>vxedit -g diskgroup -rf rm vol_name</code> or <code>vxassist -g diskgroup remove volume vol_name</code>
Display a volume	<code>vxprint -g diskgroup -vt vol_name</code> <code>vxprint -g diskgroup -l vol_name</code>
Change volume read policy	<code>vxvol -g diskgroup rdpol round vol_name</code> <code>vxvol -g diskgroup rdpol prefer vol_name preferred_plex_name</code> <code>vxvol -g diskgroup rdpol select vol_name</code>
Mirror an existing plex	<code>vxassist -g diskgroup mirror vol_name</code>
Create a snapshot volume	<code>vxassist -g diskgroup -b snapstart vol_name</code> <code>vxassist -g diskgroup snapshot vol_name new_volume</code>
Abort a snapshot	<code>vxassist -g diskgroup snapabort orig_vol_name</code>
Reassociate a snapshot	<code>vxassist -g diskgroup snapback snapshot_vol</code>
Dissociate a snapshot	<code>vxassist -g diskgroup snapclear snapshot_vol</code>
Print snapshot information	<code>vxassist -g diskgroup snapprint vol_name</code>
Relayout a volume	<code>vxassist -g diskgroup relayout vol_name layout=new_layout [attributes...]</code>
Convert to or from a layered layout	<code>vxassist -g diskgroup convert vol_name layout=new_layout [attributes...]</code>
Add a log to a volume	<code>vxassist -g diskgroup addlog vol_name</code>