VERITAS®

Advanced NetBackup 4.5 for UNIX Reference Card

TROUBLESHOOTING

Issue	Action
To enable activity logging:	Create directories for each process to be logged, open Host Properties —> Logging tab to set the logging levels, then restart any services that are running.
If any jobs are stuck in Queue:	Check that the settings for the policy are correct; also ensure that the specified Storage Unit is set up properly.
If jobs complete with status code 96, 213, or 219:	Verify that Media Type = Drive type = Storage Unit Robot Type.

ADMINISTRATIVE COMMANDS

Action	Command Line
Command directory path:	`install_path/netbackup/bin/admincmd`
Expires all images on specified volume	`bpexpdate -m media_id -d 0`
Modify the expiration of the backup ID to retention level 2	`bpexpdate -recalculate -backupid backup_id -ret 2`
Changes media state; can also use the following options: -unsuspend -freeze -suspend	`bpmedia -unfreeze -m media_id [-h media_server]`
Write a NetBackup label on the specified volume	`bplabel -m media_id -d density -p volume_pool -o`

MEDIA MANAGER COMMANDS

Action	Command Line
Command directory path:	`install_path/volmgr/bin/`
Add volume with barcode AJU244 to TLD(0)	`vmadd -m AJU244 -mt dlt -b AJU244 -rt tld -rn 0`
Associate volume with another volume pool	`vmchange -p pool_number -m media_id`
Delete volume AJS144	`vmdelete -m AJS144`
Compare volumes in robot TLD(0) for mismatch	`vmcheckxxx -rt tld -rn 0`
Show contents of robot TLD(0)	`vmcheckxxx -rt tld -rn 0 -list`
Update volume configuration for robot TLD(0)	`vmupdate -rt tld -rn 0`
List all volume information for the volume database	`vmquery -a`
List all pools configured on the master server where the command is executed	`vmpool -listall -b`
List cleaning statistics; can also use the following options: -C drive_name (initiates cleaning) -M drive_name (resets mount time) -F drive_name (set cleaning frequency)	`tpclean -L`
Invoke robtest utility; Note: • Must run on media server • Exit robtest when finished • Common commands (with examples): m s2 d1 (Move media from slot2 to drive1) s d 1 (Display the status of drive 1) s s (Display the status of all slots)	`robtest`

NETBACKUP COMMANDS

Action	Command Line
Command directory path:	`install_path/netbackup/bin/`
Stop all NetBackup and Media Manager processes and services	`netbackup stop`
Start all NetBackup and Media Manager processes and services	`netbackup`
Invoke a user archive of all files in the test directory	`bparchive /test`
Invoke a user backup of all files in the test directory	`bpbackup /test`
Invoke a manual backup using the schedule full of the policy called test	`bpbackup -p test -s full -i -h pc211 -t 13`
List recursively, in long format, the files that were backed up for the /usr directory	`bplist -l -R /usr`
Restore the client train01 back to train01 and use the progress log /kwc/bkup.log and the /work file list	`bprestore -C train01 -D train01 -L /kwc/bkup.log /work`
Use an alternate media called CAT003 to back up the NetBackup catalogs	`bpbackupdb -m CAT003`
Duplicate all backups performed in the last 24 hours to the duplicates volume pool on storage unit stu3	`bpduplicate -hoursago 24 -dp duplicates -dstunit stu3`
Create volume catalog entries for media and log the progress in the import_log file	`bpimport -create_db_info -id A00000 -server train1 -L /tmp/import_log`
Import the images listed in the backupID file	`bpimport -Bidfile /tmp/import/images -L /tmp/import_log`
Verify all backups performed in the last 8 hours	`bpverify -hoursago 8`