

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

MEDIA MANAGER COMMANDS

Action	Command Line
Command directory path:	<code>install_path/volmgr/bin/</code>
Add volume with barcode AJU244 to TLD(0)	<code>vmadd -m AJU244 -mt dlt -b AJU244 -rt tld -rn 0</code>
Associate volume with another volume pool	<code>vmchange -p pool_number -m media_id</code>
Delete volume AJS144	<code>vmdelete -m AJS144</code>
Compare volumes in robot TLD(0) for mismatch	<code>vmcheckxxx -rt tld -rn 0</code>
Show contents of robot TLD(0)	<code>vmcheckxxx -rt tld -rn 0 -list</code>
Update volume configuration for robot TLD(0)	<code>vmupdate -rt tld -rn 0</code>
List all volume information for the volume database	<code>vmquery -a</code>
List all pools configured on the master server where the command is executed	<code>vmppool -listall -b</code>
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)	<code>tpclean -L</code>
Invoke <code>robtest</code> utility; Note: • Must run on media server • Exit <code>robtest</code> 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)	<code>robtest</code>

NETBACKUP COMMANDS

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