

Advanced NetBackup 4.5 for Windows Reference Card

TROUBLESHOOTING

Problem	Solution
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.
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.
Jobs complete with status code 96, 213 or 219	Verify that Media Type = Drive type = Storage Unit Robot Type

COMMAND LINE REFERENCE

Action	Command Line
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>vmpool -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>
Report robot status. - must run on media server - exit when finished	<code>robtest m s2 d1 (move media from slot2 to drive1)</code> <code>robtest s d 1 (displays the status of drive 1)</code> <code>robtest s s (displays the status of all slots)</code>
Kill all NBU/MMGR processes & services	<code>bpdown</code>

Start all NBU/MMGR processes & services	<code>bpup</code>
User archive of all files in the test directory	<code>bparchive c:\test*.*</code>
User backup of all files in the test directory	<code>bpbackup c:\test*.*</code>
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 D:\WS_FTP.LOG	<code>bplist -l -R D:\WS_FTP.LOG</code>
Restore the D: drive on the Windows client \\train01 back to \\train01 and use the progress log c:\kwc\bkup.log	<code>bprestore -C train01 -D train01 -t 13 -L c:\kwc\bkup.log D:\</code>
Use an alternate media called CAT003 to backup the NetBackup Catalogs	<code>bpbackupdb -rv 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 logs 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>
Expire all images on specified volume	<code><Install_dir>\netbackup\bin\admincmd\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>
Change media state; can be also be used with -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>