

# Veritas Certified Specialist

1. An administrator has a MS-Windows type policy that has failed for a Microsoft Windows NetBackup client. The policy uses the ALL\_LOCAL DRIVES backup selection. See the extract from the end of the job details below:

```
12/21/2016 19:28:28 - Error bpbrm (pid=32680) from client client1: ERR - failure reading file: C:\Program Files (x86)
the file specified. )
12/21/2016 19:28:29 - Error bpbrm (pid=32680) from client client1: ERR - Snapshot Error while reading file: GLOBALR
10.0\Reader\Locale\nb_NO\Acroform.NOR
12/21/2016 19:28:29 - Critical bpbrm (pid=32680) from client client1: FTL - Backup operation aborted!
12/21/2016 19:28:29 - Info bpbkar (pid=54308) accelerator sent 6220537344 bytes out of 6173181440 bytes to server,
12/21/2016 19:28:32 - Error bptm (pid=32683) media manager terminated by parent process
12/21/2016 19:28:34 - Info Media02 (pid=32683) StorageServer=PureDisk:Media02; Report=PDDO Stats for (Media02): sca
disabled
12/21/2016 19:28:35 - Info bpbkar (pid=54308) done. status: 156: snapshot error encountered
12/21/2016 19:28:35 - end writing; write time: 0:14:05
12/21/2016 19:28:37 - Info bpbrm (pid=38719) Starting delete snapshot processing
12/21/2016 19:28:41 - Info bpfis (pid=57120) Backup started
12/21/2016 19:28:41 - Critical bpbrm (pid=38719) from client client1: cannot open C:\Program Files\Veritas\NetBacku
12/21/2016 19:28:41 - Info bpfis (pid=57120) done. status: 1542
12/21/2016 19:28:41 - Info bpfis (pid=57120) done. status: 1542: An existing snapshot is no longer valid and cannot
snapshot error encountered (156)
```

Which two logs will provide the most relevant information for troubleshooting and resolving the error?  
(Choose two.)

A. Operating system logs on the client

B. NetBackup bpbrm logs on the media server

C. NetBackup bptm logs on the media server

D. NetBackup bpfis logs on the media server

E. NetBackup bpfis logs on the client

**Answer(s):** D E

2. An administrator has a job that has failed. Upon reviewing the Detailed Status tab for the job, the administrator sees the following information:

```
05/23/2016 03:58:45 - Info nbjm (pid=84600) starting backup job (jobid=74455) for client CLIENT-01, policy POLICY-01
05/23/2016 03:58:45 - Info nbjm (pid=84600) requesting STANDARD_RESOURCE resources from RB for backup job (jobid=74455)
05/23/2016 03:58:45 - requesting resource MEDIA-SERVER-01
05/23/2016 03:58:45 - requesting resource MASTER-01.NBU_CLIENT.MAXJOBS.CLIENT-01
05/23/2016 03:58:45 - requesting resource MASTER-01.NBU_POLICY.MAXJOBS.POLICY-01
05/23/2016 03:58:45 - Info nbrb (pid=84544) Limit has been reached for the logical resource MASTER-01.NBU_POLICY.MA
client backup was not attempted because backup window closed (196)
```

Which setting value prevented the job from running during the backup window?

A. the "Maximum concurrent jobs" storage unit setting

B. the Global Attributes > "Maximum jobs per client" primary server host property

C. the Timeouts > "Client read timeout" primary server host property

D. the "Limit jobs per policy" policy setting

**Answer(s):** D

3. An administrator views the following errors from the Detailed Status tab of a failed job in the Activity Monitor.

```

03/01/2016 11:54:25 - Info bpbrm (pid=7220) connect failed STATUS (18) CONNECT_FAILED
03/01/2016 11:54:25 - Info bpbrm (pid=7220) status: FAILED, (24) BAD_VERSION; system: (10036) A blocking opera
pbx
03/01/2016 11:54:25 - Info bpbrm (pid=7220) status: FAILED, (42) CONNECT_REFUSED; system: (10061) No connectio
CLIENTNAME 192.168.10.251 bpcd VIA vnetd
03/01/2016 11:54:25 - Info bpbrm (pid=7220) status: FAILED, (42) CONNECT_REFUSED; system: (10061) No connectio
CLIENTNAME 192.168.10.251 bpcd
03/01/2016 11:54:25 - Error bpbrm (pid=7220) Cannot connect to CLIENTNAME
03/01/2016 11:54:25 - Info bpbkar32 (pid=0) done. status: 58: can't connect to client
03/01/2016 11:54:25 - end writing
can't connect to client (58)

```

Which command should the administrator perform to test the communication between the primary server and the client based on the output?

- A. nbdb\_ping
- B. bpcIntcmd -self
- C. bptestbpcd
- D. bptestnetconn -s

**Answer(s): C**

4. Refer to the exhibit.

A backup job configured with a retention level of 2 and "Policy volume pool" set to the "server\_tapes" is failing due to status code 96: Unable to allocate new media for backup. See the output of the available\_media command below:

media ID	media type	robot type	robot #	robot slot	side/face	ret level	size KBytes	status/multiplexed
-----NetBackup pool								
E02002	HCART2	TLD	0	2	-	2	819552	ACTIVE
E02003	HCART2	TLD	0	3	-	-	-	AVAILABLE
None pool								
C11201	HC_CLN	TLD	0	22	-	-	-	AVAILABLE
scratch_pool pool								
server_tapes pool								
E02007	HCART2	TLD	0	7	-	1	16416	ACTIVE
E02008	HCART2	TLD	0	8	-	3	819552	ACTIVE
E02006	HCART2	TLD	0	6	-	1	606496	FROZEN
E02005	HCART2	TLD	0	5	-	1	4081344	FULL
E02004	HCART2	TLD	0	4	-	2	4081344	FULL/FROZEN

Which task in the NetBackup Administration Console should the administrator perform to resolve the status code 96 error?

- A. change volume C11201 to the "scratch\_pool" volume pool
- B. change volume E02002 to the "scratch\_pool" volume pool
- C. change volume E02003 to the "scratch\_pool" volume pool
- D. unfreeze volume E02004 in the "server\_tapes" volume pool

**Answer(s): C**

5. A restore has failed with the following job details:

```

1/7/2017 4:02:23 PM - Info tar32(pid=48292) Restore started.
1/7/2017 4:02:23 PM - connected; connect time: 00:00:08
1/7/2017 4:17:33 PM - Error bptm(pid=5112) error requesting media, TpErrno = Robot operation failed
1/7/2017 4:17:35 PM - current media A12345 complete, requesting next resource IBM.ULTRIUM-TD4.019:NetBackup:A12345
1/7/2017 4:17:41 PM - awaiting resource IBM.ULTRIUM-TD4.019:NetBackup:A12345 A pending request has been generated
Operator action may be required. Pending Action: All drives down.,
Media ID: A12345, Barcode: A12345L4, Density: hcart, Access Mode: Read,
Action Drive Name: N/A, Action media server: Media-02, Robot Number: 1, Robot Type: TLD,
Volume Group: 000_00001_TLD, Action Acs: N/A, Action Lsm: N/A

```

Which two resources should the administrator use to troubleshoot this issue? (Choose two.)

A. the logs from the NetBackup bpbkar process

B. the nbdevcontig command

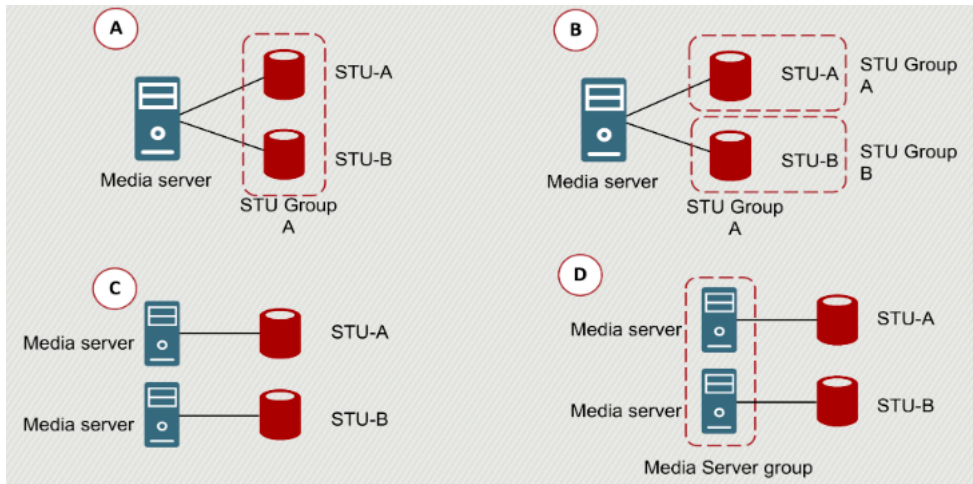
C. the operating system logs

D. the bpmedia command

E. the robtest command

**Answer(s): C E**

6. Refer to the exhibit.



Which diagram is supported for backups spanning BasicDisk storage?

A. A

B. B

C. C

D. D

**Answer(s): A**

7. An administrator has two offices in different cities with Auto Image Replication (AIR) implemented to replicate the backups from one office location to the other location using Storage Lifecycle Policy (SLP). Multiple small servers are backed up daily, which results in many replication jobs in the environment. The Storage Lifecycle Policy (SLP) parameters are:

```
SLP.MIN_SIZE_PER_REPLICATION_JOB = 20 GB  
SLP.MAX_TIME_TIL_FORCE_SMALL_REPLICATION_JOB = 60 MINUTES
```

After modifying the SLP parameters, three backup jobs are completed and the size of each backup job is 5 GB.

A backup window has closed, and no new backup jobs will occur.

When does the next replication job start?

A. 75 minutes after the backup jobs have finished

B. when the force interval for small replication jobs time is reached

C. immediately after the backup jobs have finished

D. when the replication job batch size is 20 GB

**Answer(s): B**

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8. The primary server catalog is being recovered to a new server. The administrator receives the message displayed below:

```
Please insert the following media and run the volume configuration wizard
or the vmupdate command to update the NetBackup database.
Host - train1
MediaID - GBP847
Barcode - GBP847S1
```

In the NetBackup Administration Console, barcode GBP847S1 is associated with media ID P847S1. How should the administrator proceed?

- A. delete the tape > set the barcode rule accordingly > re-inventory the library > run recovery
- B. use bplabel to change the media ID > re-inventory the library > perform recovery
- C. use nbdelete to remove the media id > use vmadd to re-add the media id > re-inventory the library > perform recovery
- D. delete the tape > set the media ID generation rule accordingly > re-inventory the library > run recovery

**Answer(s): B**

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9. An administrator is adding a new media server appliance to an existing NetBackup appliance primary server.

What is the correct sequence to configure the new appliance in the NetBackup domain?

- A. configure the new media server, the configuration process automatically adds the new server to the primary server
- B. configure the new media server, then manually add the new media server to the primary server's bp.conf
- C. add the new media server to the primary server in the web console under > Host properties > Media Servers > Configure Media Server, then configure the media server with a reissue token
- D. add the new media server to the primary server in the Web console under Manage > Additional Servers, then configure the new media server

**Answer(s): D**

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10. What happens if the "Maximum data streams" property is enabled in the General tab of Client Attributes for a particular client?

- A. The "Limit jobs per policy" parameter is ignored and either the "Maximum data streams" or "Maximum jobs per client" parameter is used, whichever is lowest.
- B. The "Maximum jobs per client" parameter is ignored and either the "Maximum data streams" or "Limit jobs per policy" parameters are used, whichever is lowest.
- C. The "Maximum concurrent jobs" parameter per storage unit is ignored and either the "Limit jobs per policy" or the "Maximum data streams" parameters are used, whichever is lowest.
- D. The "Maximum concurrent jobs" parameter per storage unit is ignored and either the "Maximum jobs per client" or the "Limit jobs per policy" parameters are used, whichever is lowest.

**Answer(s): B**

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11. Weekly full backups run for clientA on primary1 using a storage unit that belongs to media1. The administrator is required to retain clientA's full backups for a period of four months. When the administrator

modifies the full schedule, an option for 4 months is missing from the Retention drop-down list. How can the administrator add a four-month retention?

- A. add a new retention period in the media server host properties, under Retention Periods
- B. set "allow multiple retentions per media" in primary server host properties, under Retention Periods
- C. select "400" in the primary server host properties, under Retention Periods
- D. modify an existing retention level in the primary server host properties, under Retention Periods

**Answer(s): D**

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**12.** A NetBackup policy containing five (5) servers, each with three (3) local drives, is launched in an environment with the NetBackup settings listed below:

Disk Pool Settings

Maximum I/O Streams = 20

Storage Unit Settings

Maximum concurrent jobs = 15

Policy Settings

Multiple Data Streams = Enabled

Backup Selection List = ALL\_LOCAL\_DRIVES

All other settings remain at their default values. Ten (10) client restores are launched immediately after the backup policy executes.

Excluding parent jobs, how many jobs will be concurrently active?

- A. 15 backup jobs, 5 restore jobs
- B. 5 backup jobs, 10 restore jobs
- C. 15 backup jobs, 10 restore jobs
- D. 10 backup jobs, 10 restore jobs

**Answer(s): D**

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**13.** A Windows policy protects over 100 servers using the directive ALL\_LOCAL\_DRIVES. The backup window for this policy is a two-hour window that is unused by any other policy. When the jobs run, each server has no more than ten paths, and the overall performance of the disk storage unit is degraded. Which setting should the administrator modify to ensure only ten jobs write concurrently to the disk storage unit during the backup window?

- A. enable the "Limit Jobs per policy" attribute
- B. set the "Maximum jobs per client" host property to 10
- C. enable multiplexing for the storage unit and set the value
- D. disable the "Allow multiple data streams" policy attribute

**Answer(s): D**

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**14.** Some NetBackup jobs are affected by the failure of a disk in an AdvancedDisk pool, but the jobs are unavailable to view in the Activity Monitor. In which two places can the administrator view NetBackup jobs affected by the disk failure? (Choose two.)

- A. NetBackup Management > Reports > Status of Backups

B. NetBackup Management > Reports > Disk Reports > Disk Storage Unit Status

C. Media and Device Management > Device Monitor > Disk Pool

D. NetBackup Management > Reports > All Log Entries

E. NetBackup Management > Reports > Disk Reports > Disk Pool Status

**Answer(s):** C E

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**15.** An administrator needs to store secure tape copies of protected data to an offsite location. How can the administrator automatically eject tape media daily and create detailed reports?

A. enable the encryption attribute on the vault policy to perform automated ejects and create reports

B. use tape drives that support hardware encryption and use a storage lifecycle policy to perform automated ejects and create reports

C. use tape drives that support hardware encryption and use a vault policy to perform automated ejects and create reports

D. encrypt the tapes using hardware encryption and use a bstart\_notify scripts to perform automatic ejects and create reports

**Answer(s):** C

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**16.** Upon arriving at work on a Monday, an administrator sees several replication jobs that have failed with the following error message: no images were successfully processed  
Which two reasons may be the cause for the error code? (Choose two.)

A. There is insufficient storage space on the target storage server.

B. There are insufficient tapes in the replication volume pool.

C. The checkpoint restart is disabled for the replication jobs.

D. There are network connectivity issues between the source and target domains.

E. The Import SLP on the target domain is de-activated.

**Answer(s):** A D

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**17.** An administrator has an environment that runs over one thousand jobs a night. Some nights, there are hundreds of jobs queued waiting for a resource. Which action should the administrator take in the event that specific queued jobs need to run when a resource next becomes available during that evening's backup session?

A. change the job priority for the job in the policy

B. suspend the job and resume the job after changing the policy job priority

C. increment the job priority in the Activity Monitor for the job

D. change the job order in the job hierarchy

**Answer(s): C**

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**18.** A NetBackup primary server has many backups running each night to an MSDP pool that take a long time to complete. While these backups are running, replication jobs are queued. Which action should the administrator perform to ensure replications can occur without waiting for the backups to complete?

- A. increase the "Maximum I/O Streams" for the disk pool
- B. increase "Maximum concurrent jobs" for the disk storage unit
- C. increase "Priority for secondary operations" in the storage lifecycle policy
- D. increase "Maximum concurrent jobs" in the storage server properties

**Answer(s): C**

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**19.** A NetBackup policy is configured to back up the following paths for a client:

D:\stage

E:\data

E:\home

F:\production

Multi-streaming is enabled for the backups, and multiplexing is set to 4. Backup streams are running slowly. Which step should the administrator consider to improve backup performance?

- A. disable multistreaming
- B. increase the multiplexing level
- C. back up only one stream from each physical device on the client
- D. increase the number of data buffers

**Answer(s): C**

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**20.** An administrator has a backup for client Linux1 using the LinuxClients policy complete successfully. Even though the policy Backup Selections are NOT modified, the backup job fails the next day with the following status code:

Error 71: none of the files in the file list exist.

What is a possible reason the job failed?

- A. The "Enable granular recovery" option was unset.
- B. The client was temporarily shut down.
- C. The client was added to another backup policy.
- D. The file systems have been unmounted on the client.

**Answer(s): D**

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