

# Netapp

## Exam NS0-510

**NCIE-Backup & Recovery Implementation Engineer Exam**

Version: 7.0

**[ Total Questions: 216 ]**

**Topic break down**

<b>Topic</b>	<b>No. of Questions</b>
<b>Topic 1: Volume A</b>	<b>100</b>
<b>Topic 2: Volume B</b>	<b>116</b>

**Topic 1, Volume A****Question No : 1 - (Topic 1)**

SnapVault is a disk-based backup solution that \_\_\_\_\_. (Choose three.)

- A. enables backup of heterogeneous primary storage systems to a NetApp secondary storage system
- B. enables restoration of data from a SnapVault secondary storage system, with minimum downtime and better reliability than tape-based backup and restore
- C. requires both NetApp primary and secondary storage systems
- D. enables data stored on multiple NetApp storage systems to be backed up to a central secondary system as read-only Snapshot copies

**Answer: B,C,D**

**Question No : 2 - (Topic 1)**

What is the advantage of performing A-SIS on NetApp NearStore storage systems?

- A. eliminates data corruption
- B. increases performance during de-duplication
- C. reduces backup time
- D. reduces storage space

**Answer: D**

**Question No : 3 - (Topic 1)**

Tape backups are widely used because they are considered the most secure form of media backup.

- A. True
- B. False

**Answer: B**

**Question No : 4 - (Topic 1)**

Without the nearstore\_option license installed, what are the total concurrent SnapVault transfer streams for the FAS3020/3050?

- A. 16 for FC drives and 8 for SATA drives
- B. 8 for FC drives and 16 for SATA drives
- C. 32 for FC drives and 16 for SATA drives
- D. 16 for FC drives and 32 for SATA drives

**Answer: A**

**Question No : 5 - (Topic 1)**

From which three platforms does Open Systems SnapVault support backup and restore? (Choose three.)

- A. IBM AIX
- B. SunOS
- C. HP HP-UX
- D. Linux
- E. Windows NT, Windows 2000, and Windows Server 2003
- F. SGI IRIX

**Answer: A,C,D**

**Question No : 6 - (Topic 1)**

Which four pieces of critical information should be identified during the discovery phase of a SnapVault-based implementation project to enable proper solution design? (Choose four.)

- A. datasets that are backup candidates and their sizes
- B. frequency of backups for each dataset

- C. tape library model and compatibility
- D. change rate of each dataset
- E. backup window and available network bandwidth

**Answer: A,B,D,E**

**Question No : 7 - (Topic 1)**

A storage pool is used by a NearStore VTL to \_\_\_\_\_.

- A. segregate backups onto different disk drives
- B. provide additional disk space to backups
- C. provide redundant storage space (data mirroring)
- D. create a staging area for physical tape creation

**Answer: A**

**Question No : 8 - (Topic 1)**

In a traditional file-based backup environment, a small change in a file results in only the changed blocks being backed up during a Differential Backup.

- A. True
- B. False

**Answer: B**

**Question No : 9 - (Topic 1)**

Which two technologies serve as the basis for SnapVault-based backups? (Choose two.)

- A. QSM
- B. VSM
- C. SyncMirror
- D. Snapshot

**Answer: A,D**

**Question No : 10 - (Topic 1)**

In a SnapVault and Open Systems SnapVault implementation, performance can be negatively impacted if \_\_\_\_\_.

- A. the dataset is database-related data
- B. the dataset in the relationship has a large number of small files
- C. the dataset in the relationship has a small number of large files
- D. the secondary storage system contains more directories than the primary storage system

**Answer: B**

**Question No : 11 - (Topic 1)**

What is a benefit of deploying SnapVault for backups?

- A. transfers data over Fibre Channel
- B. performs incremental forever backups
- C. no need to perform an initial full backup
- D. improves tape restore performance

**Answer: B**

**Question No : 12 - (Topic 1)**

What is the maximum number of simultaneously active virtual tape drives supported on aNearStore VTL 700 running VTLOS 5.2.x?

- A. 16
- B. 32
- C. 64
- D. 128

**Answer: C**

**Question No : 13 - (Topic 1)**

A customer's current backup application is important to know for Open Systems SnapVault deployments.

- A. True
- B. False

**Answer: B**

**Question No : 14 - (Topic 1)**

What are three accurate descriptions of RPO? (Choose three.)

- A. the length of time that the data are recoverable
- B. the time between the last available recoverable backup and the time a disruption could potentially occur
- C. a critical requirement for planning backup and recovery environments
- D. a point in time to which data must be restored in order to meet the Service Level Agreement

**Answer: B,C,D**

**Question No : 15 - (Topic 1)**

The terms RPO and RTO are relevant only for disaster recovery solutions.

- A. True
- B. False

**Answer: B**

**Question No : 16 - (Topic 1)**

Which statement is true when using Snapshot copies to take hot backups of an Oracle database?

- A. Users cannot access the database during the backup.
- B. Users may see a performance degradation during the backup.
- C. No interaction with the database is necessary.
- D. The database must be shut down for less than a minute.

**Answer: B**

**Question No : 17 - (Topic 1)**

Which NetApp backup and recovery solution is best for backing up remote office heterogeneous data storage?

- A. Snapshot copies
- B. SnapManager
- C. SnapVault
- D. Open System SnapVault

**Answer: D**

**Question No : 18 - (Topic 1)**

Which three factors influence secondary storage capacity planning for SnapVault-based backup and restore solutions? (Choose three.)

- A. size of the dataset
- B. rate of change of the dataset
- C. Snapshot schedule
- D. retention policy for Snapshot

**Answer: A,B,D**



**Question No : 19 - (Topic 1)**

What is RTO?

- A. the amount of time that an organization will NOT have access to lost data while the data is being recovered
- B. the amount of time that an organization will take to recover their data
- C. the time-out period for remote device access
- D. the recorded time of the data outage

**Answer: A**

**Question No : 20 - (Topic 1)**

It is not necessary to understand the backup application when designing a VTL solution.

- A. True
- B. False

**Answer: B**

**Question No : 21 - (Topic 1)**

Which three pieces of information must be obtained during the discovery phase of a backup and recovery solution? (Choose three.)

- A. network bandwidth
- B. datasets to be backed up
- C. offsite storage location
- D. backup window

**Answer: A,B,D**

**Question No : 22 - (Topic 1)**

Which NearStore VTL CLI command can be used to display the revision level of the VTLOS operating system?

- A. vtlos show version
- B. os version show
- C. vtl version show
- D. appliance version

**Answer: D**

**Question No : 23 - (Topic 1)**

SnapVault is a disk-based backup solution that \_\_\_\_\_. (Choose three.)

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**Answer: B,C,D**

**Question No : 24 - (Topic 1)**

A NetApp SnapVault solution requires a license on \_\_\_\_\_.

- A. the primary system only
- B. the secondary system only
- C. both the primary and secondary systems
- D. neither the primary nor secondary systems

**Answer: C**