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# **Q&A**

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**Exam** : **NS0-510**

**Title** : NCIE - Backup and  
Recovery Implementation  
Engineer Exam

**Version** : Demo

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

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

**Answer: AD**

2.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**

3.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: ACD**

4.What are three components of an Open Systems SnapVault (OSSV) installation? (Choose three.)

- A. Primary System
- B. Secondary System
- C. OSSV agent installed on the primary system
- D. OSSV agent installed on the secondary system
- E. NetApp primary system

**Answer: ABC**

5.The NearStore VTL provides a masking function to control Host access to virtual devices.

- A. True
- B. False

**Answer: A**

6.The SnapVault Secondary is configured for user access of qtrees via NAS. How do you restore a file?

- A. by using SnapRestore
- B. by using the SnapVault GUI
- C. by users with sufficient privileges
- D. by only storage administrators with sufficient privileges

**Answer: C**

7.A-SIS optimization can be configured at \_\_\_\_\_.

- A. the volume level only
- B. the aggregate level only
- C. both the aggregate and volume levels
- D. the qtree level

**Answer: A**

8.What are two applications that can manage Open Systems SnapVault-based backup environments via NDMP? (Choose two.)

- A. NetApp Protection Manager
- B. Legato Networker
- C. Symantec NetBackup
- D. Syncsort Backup Express

**Answer: AD**

9.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: BCD**

10.When a SnapVault Secondary requests an incremental backup from the primary, the SnapVault Primary creates a new snapshot and compares it to the most recent ONTAP-scheduled snapshot in order to identify the changed data blocks.

- A. True
- B. False

**Answer: B**

11.Which two events occur when a volume with qtrees is backed up using SnapVault from Primary to Secondary? (Choose two.)

- A. Qtrees in Primary are stored as qtrees on Secondary.
- B. Qtrees in Primary are stored as directories on Secondary.
- C. Restores of original volume from Secondary to Primary are done as a qtree.
- D. Restores of original volume from Secondary to Primary are done as a volume.

**Answer: BC**

12.What is the maximum number of concurrent A-SIS sessions on a NetApp controller?

- A. 2
- B. 4
- C. 8

D. 16

**Answer: C**

13. 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**

14. Which two NetApp products support heterogeneous storage environments? (Choose two.)

- A. NearStore VTL
- B. SnapVault
- C. OSSV
- D. StoreVault

**Answer: AC**

15. SnapVault supports a multi-vendor storage infrastructure environment.

- A. True
- B. False

**Answer: B**

16. In which two situations is Snapshot the preferred strategy for backup and recovery? (Choose two.)

- A. when file systems or raw partitions consist of a single LUN
- B. when file systems span multiple LUNs via Volume Manager Enterprise or a similar product
- C. when selective restoration of files within the LUN is a requirement
- D. when offloading the majority of backup overhead from the host system is a requirement

**Answer: AD**

17. SnapVault allows data to be \_\_\_\_\_.

- A. centralized for enterprise-wide data management and allows backup applications to control native backup and recovery facilities in NetApp storage systems
- B. recovered from a corrupted database, application, or damaged file system in less than a minute, regardless of the size of the volume being restored
- C. backed up via Snapshot and transferred on a scheduled basis to a destination NearStore appliance
- D. virtualized and tightly integrated with Microsoft NTFS, providing a layer of abstraction between application data and its physical storage

**Answer: C**

18. What are three NetApp backup and recovery solutions based on Snapshot technology? (Choose three.)

- A. SnapVault
- B. OSSV

- C. VTL
- D. SnapManager products

**Answer:** ABD

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

- A. True
- B. False

**Answer:** B

20. 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