Netapp

Exam NS0-510

NCIE-Backup & Recovery Implementation Engineer Exam

Version: 7.0

[Total Questions: 216]

Topic break down

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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

CERTKILL

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

CERTKILL

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