

Vendor: Network Appliance

Exam Code: NS0-510

Exam Name: NCIE - Backup and Recovery
Implementation Engineer Exam

Version: Demo

QUESTION 1

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

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

Correct Answer: AD

QUESTION 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

Correct Answer: D

QUESTION 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

Correct Answer: ACD

QUESTION 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

Correct Answer: ABC

QUESTION 5

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

- A. True
- B. False

Correct Answer: A

QUESTION 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

Correct Answer: C

QUESTION 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

Correct Answer: A

QUESTION 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

Correct Answer: AD

QUESTION 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

Correct Answer: BCD

QUESTION 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

Correct Answer: B

QUESTION 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.

Correct Answer: BC

QUESTION 12

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

- A. 2
- B. 4
- C. 8
- D. 16

Correct Answer: C

QUESTION 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

Correct Answer: A

QUESTION 14

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

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

Correct Answer: AC

QUESTION 15

SnapVault supports a multi-vendor storage infrastructure environment.

- A. True
- B. False

Correct Answer: B

QUESTION 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

Correct Answer: AD

QUESTION 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

Correct Answer: C

QUESTION 18

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

- A. SnapVault
- B. OSSV
- C. VTL
- D. SnapManager products

Correct Answer: ABD

QUESTION 19

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

- A. True
- B. False

Correct Answer: B

QUESTION 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

Correct Answer: A

QUESTION 21

Which Open Systems SnapVault tool/command determines the amount of space required on the primary system for transfers?

- A. snapvault estimator
- B. svestimator
- C. svspace_estimator
- D. snapvault installcheck

Correct Answer: B

QUESTION 22

What percentage of the source volume does the destination volume need to be to ensure that there is enough storage space available on the destination volume to store the backup before the A-SIS deduplication process begins?

- A. 20%
- B. 50%
- C. 75%
- D. 100%

Correct Answer: D

QUESTION 23

Which Open Systems SnapVault(OSSV) command can be used to control which client hosts may back up to OSSV secondary storage?

- A. options snapvault.clients
- B. options snapvault.access
- C. ossv host.access
- D. options ossv.hosts

Correct Answer: B

QUESTION 24

When deploying a NearStore VTL into a NetBackup environment, why is it important to know the version of NetBackup being utilized?

- A. It determines the type of virtual library to be emulated.
- B. It determines whether a mapping file is required.
- C. It determines the disk compression ratio to be expected.
- D. It determines the maximum number of virtual tape drives that can be configured.

Correct Answer: B

QUESTION 25

When deploying a NearStore VTL, which two steps should be completed before configuring the VTL through the GUI? (Choose two.)

- A. connect the Fibre Channel cables according to the Installation and Setup Instructions Guide
- B. set the IP address and subnet mask
- C. configure a virtual library and virtual tape drives
- D. configure disk RAID groups
- E. delete this option

Correct Answer: AB

QUESTION 26

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

- A. True
- B. False

Correct Answer: B

QUESTION 27

What are two ways to restore data from a SnapVault for NetBackup volume? (Choose two.)

- A. use NetBackup Administration Console
- B. use the SnapVault restore command
- C. access the SnapVault for NetBackup volume through CIFS or NFS and copy the data
- D. run a restore command from CLI on the NetApp secondary storage system

Correct Answer: AC

QUESTION 28

Which NearStore VTL feature allows a backup to remain on the disks of the NearStore VTL even after the virtual tape has been ejected by the backup application?

- A. tape cloning

- B. deferred tape cloning
- C. shadow tapes
- D. virtual tape retention policy

Correct Answer: C

QUESTION 29

Which TCP ports should be open on a firewall to enable SnapVault backups and restores between Primary and Secondary with NDMP-based backup management?

- A. 10000 and 10001
- B. 10000 and 10566
- C. 10023 and 10566
- D. 12564 and 12565

Correct Answer: B

QUESTION 30

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

Correct Answer: A

QUESTION 31

Given the following:

Secondary> snapvault snap sched -x sec_vol sv_hourly 11@mon-fri@7-18 The -x parameter causes _____.

- A. SnapVault to create a new snapshot of the associated qtree on the secondary volume
- B. SnapVault to ensure that all qtrees on the Secondary are updated from their associated primary system qtrees before the snapshot is taken
- C. SnapVault to execute the "snapvault snap sched" command at a given schedule
- D. SnapVault-created snapshots to be deleted on the secondary volume

Correct Answer: B

QUESTION 32

Which command is used to alter the characteristics of a SnapVault relationship, including the transfer speed, the number of re-tries, and the primary and secondary paths?

- A. snapvault change
- B. snapvault modify
- C. snapvault alter
- D. snapvault initiate

Correct Answer: B

QUESTION 33

What is the final step to close out a SOW-based project?

- A. test the environment
- B. have the customer sign the acceptance form
- C. have the customer sign the Purchase Order form

D. have the customer sign the acceptance form and then create required documentation

Correct Answer: B

QUESTION 34

In SnapManager for Exchange, the best practice is to have at least one full database backup that is verified every _____ hours.

- A. 6
- B. 12
- C. 24
- D. 48

Correct Answer: C

QUESTION 35

Where are SnapVault logs located?

- A. /etc/logs/SnapVault
- B. /etc/SnapVault.log
- C. /etc/logs/snapmirror
- D. /etc/snapvault/logs

Correct Answer: C

QUESTION 36

Which Nearstore VTL CLI command can be used to obtain diagnostic information?

- A. diag show
- B. diag download
- C. display diag
- D. download diag

Correct Answer: A

QUESTION 37

NearStore VTL Tape Smart sizing is similar to Disk Compression.

- A. True
- B. False

Correct Answer: B

QUESTION 38

The Disk Compression attribute is automatically enabled on virtual tapes imported from physical tapes on NearStore VTL running on version 5.2.x.

- A. True
- B. False

Correct Answer: B

QUESTION 39

Which two are required to upgrade from NearStore VTL 300 to VTL 700? (Choose two.)

- A. license for ACSLS
- B. license for DTC
- C. disk HBA

D. recabling of disk shelves

Correct Answer: CD

QUESTION 40

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

Correct Answer: D

QUESTION 41

Which two statements are true about the use of NetBackup Shared Service Option (SSO) with a NearStore VTL? (Choose two.)

- A. It may cause a physical drive connected to a VTL to become unavailable to other hosts.
- B. It does not function with virtual tape drives.
- C. It requires a license at additional cost.
- D. It is not recommended, because a virtual tape drive can be assigned to each host.

Correct Answer: CD

QUESTION 42

Open Systems SnapVault allows for backups of data residing on _____. (Choose two.)

- A. volume mount points
- B. internal disks
- C. network shares
- D. SAN disks, both FCP and iSCSI

Correct Answer: BD

QUESTION 43

Which benefit do two compression cards provide?

- A. faster single stream throughput
- B. faster aggregated stream throughput
- C. double the compression ratio
- D. better tape smart-sizing

Correct Answer: B

QUESTION 44

Which two factors should be evaluated when determining the performance requirements of a VTL? (Choose two.)

- A. the amount of data to be backed up
- B. the amount of time in the backup window
- C. the number of backup servers
- D. the number of client hosts to be backed up

Correct Answer: AB

QUESTION 45

When using backup software to manage a tape device connected to an FAS controller, the tape device should be configured in the backup application as _____.

- A. a local tape device
- B. an NDMP tape device
- C. a remote-connected tape device
- D. a SCSI-attached tape device

Correct Answer: B

QUESTION 46

What are six key activities performed during the discovery phase for SnapVault-based backup recovery solution implementation? (Choose six.)

- A. review existing backup infrastructure and backup applications in use
- B. establish retention periods and backup schedules for each dataset
- C. configure and activate SnapVault
- D. record change rates for each dataset requiring backups (per day or hour)
- E. record existing network infrastructure and available network bandwidth for backups
- F. develop a design to meet the backup requirements
- G. acquire RPO granularity and RTO for each dataset for local and remote backups
- H. identify datasets for backup

Correct Answer: ABDEGH

QUESTION 47

A customer requirement to back up Windows 2000 Server and Windows 2003 Server operating systems can be implemented with Open Systems SnapVault.

- A. True
- B. False

Correct Answer: A

QUESTION 48

Which two statements are true about data retrieval from tape? (Choose two.)

- A. It is the slowest data recovery method.
- B. It is faster than restores from disk-based backups.
- C. Users are offline.
- D. It is the easiest and preferred method.

Correct Answer: AC

QUESTION 49

What are two key reasons for a customer to purchase a NetApp VTL? (Choose two.)

- A. to eliminate tape
- B. to eliminate operators
- C. to eliminate backup applications
- D. to manage shrinking backup windows

Correct Answer: AD

QUESTION 50

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

Correct Answer: ABD

QUESTION 51

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

Correct Answer: ABD

QUESTION 52

Which SnapVault command displays detailed information on the most recent SnapVault transfer and Snapshot copy activity?

- A. snapvault status -l
- B. snapvault transfer
- C. snapvault stats -v
- D. snapvault usage -v

Correct Answer: A

QUESTION 53

Which two prerequisites must be met for the tape restore command to run successfully? (Choose two.)

- A. For an incremental restore, you only need the last tape.
- B. You must know which tape device was used during the backup.
- C. For an incremental restore, you need all the tapes in the backup chain.
- D. You need a tape drive that is available and compatible with the tape to be restored from.

Correct Answer: CD

QUESTION 54

How many levels of incremental backups can be performed with ndmpcopy?

- A. 1
- B. 3
- C. 5
- D. 9

Correct Answer: B

QUESTION 55

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

Correct Answer: D

QUESTION 56

Which Open Systems SnapVault command can be run on the primary system to verify successful installation and ensure that the services are running properly?

- A. ossvcheckinstall
- B. ossvverifyinstall
- C. svconfigcheck
- D. svinstallcheck

Correct Answer: D

QUESTION 57

Which two tasks should be completed as part of the post-implementation phase of a project? (Choose two.)

- A. update the Build Guide
- B. leave your contact number
- C. set aside time to conduct training and transfer of Information
- D. clean up the configuration and let the customer build the configuration afresh

Correct Answer: AC

QUESTION 58

Which two tools should you use to test and demonstrate the performance of a NearStore VTL? (Choose two.)

- A. TapePerformanceUtility
- B. dd
- C. HPTapePerf
- D. ndmpcopy

Correct Answer: BC

QUESTION 59

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

Correct Answer: B

QUESTION 60

Which four statements are true about a qtree SnapVault relationship when a valid snapvault start command is issued with proper arguments? (Choose four.)

- A. The secondary storage system requests an initial baseline transfer from the primary volume.
- B. The primary storage system creates a baseline snapshot on the volumes containing the qtree that needs to be backed up to the Secondary.
- C. The qtree data is transferred from an ONTAP-created Snapshot to the volume on the Secondary.
- D. Once the baseline transfer is completed to the secondary qtree, the secondary storage system creates a baseline Snapshot of the volume containing the replicated qtree.
- E. Incremental updates are processed by creating a new Snapshot at the Secondary and comparing it with the primary baseline Snapshot to identify data that needs to be transferred to the Secondary.

F. Baseline Snapshot copies created on Primary and Secondary are critical for processing incremental updates.

Correct Answer: ABDF

QUESTION 61

Which advantage does a NearStore VTL provide when deployed with storage devices running NDMP?

- A. A separate virtual tape drive can be configured for each device running NDMP.
- B. All of the devices running NDMP must share the same virtual tape drive.
- C. A virtual tape drive can support multiple NDMP streams simultaneously.
- D. NDMP can be used to manage the NearStore VTL device configuration.

Correct Answer: A

QUESTION 62

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

Correct Answer: B

QUESTION 63

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

Correct Answer: C

QUESTION 64

Which tape backup method has the least performance impact on the primary FAS storage system?

- A. NDMP backup from primary storage system to SAN-attached tape drive
- B. NDMP backup from primary storage system to direct-attached SCSI tape drive
- C. SnapVault to secondary storage system and then backup to tape drive
- D. SnapVault to direct-attached Fibre Channel tape drive

Correct Answer: C

QUESTION 65

Which statement is true about SnapVault backups replicating all of the file permissions and access control lists held by the original data?

- A. Administrators can allow users to do their own restores safely.
- B. Users authorized to access a file on the original file system will not have access to the backup copies of that file.
- C. It allows restores by any users, due to its inherent user-friendly architecture.
- D. Only administrators can perform restores of user data from backups.

Correct Answer: A

QUESTION 66

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

Correct Answer: BCD

QUESTION 67

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

Correct Answer: ABC

QUESTION 68

Which three can be used for backups? (Choose three.)

- A. SnapLock
- B. SnapMirror
- C. SnapVault
- D. Snapshot copies

Correct Answer: BCD

QUESTION 69

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.

Correct Answer: BC

QUESTION 70

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

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

Correct Answer: AD

QUESTION 71

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

Correct Answer: A

QUESTION 72

What is the first command used to initiate a SnapVault transfer from primary to secondary storage?

- A. snapvault start
- B. snapvault snap schedule
- C. snapvault initiate
- D. snapvault restore

Correct Answer: A

QUESTION 73

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

Correct Answer: C

QUESTION 74

What is part of a Build Guide for SnapVault and Open Systems SnapVault?

- A. operational guidelines
- B. test plan
- C. SAN topology diagram
- D. implementation details

Correct Answer: D

QUESTION 75

Which command is used to monitor SnapVault snapshot creation and deletion?

- A. snap sched
- B. snapshot list
- C. snap list
- D. snapvault status

Correct Answer: C

QUESTION 76

Which two NearStore VTL operations can be used to automatically create virtual tapes with labels that match the physical tapes in a physical tape library? (Choose two.)

- A. create new virtual tapes
- B. inventory physical library
- C. create virtual tapes using barcodes
- D. import tapes from physical inventory

Correct Answer: CD

QUESTION 77

Which Data ONTAP command will show all tape information?

- A. sysconfig -a
- B. sysconfig -m
- C. sysconfig -t
- D. sysconfig -v

Correct Answer: C

QUESTION 78

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.

Correct Answer: B

QUESTION 79

What is the standard Data ONTAP command for displaying tape statistics?

- A. storage tape stats (tapename)
- B. tape stats storage (tapename)
- C. stats storage tape (tapename)
- D. storage stats tape (tapename)

Correct Answer: D

QUESTION 80

What happens when Open Systems SnapVault resync after Break/Restore allows the user to resynchronize a relationship?

- A. It requires a new baseline transfer.
- B. It does not require a new baseline transfer.
- C. It copies the data to the secondary system using an OS-based copy tool.
- D. It copies the relevant snapshot to the secondary system.

Correct Answer: B

QUESTION 81

Which tool is used to perform the basic configuration of the Open Systems SnapVault client agent on a Windows 2003 system?

- A. OSSVconfig.exe
- B. svsetup.bat
- C. ossvadmin.exe
- D. svconfigurator.exe

Correct Answer: D

QUESTION 82

What is the license requirement for enabling SnapVault backups on NetApp storage?

- A. sv_ontap_pri only
- B. snapvault_pri only

- C. sv_ontap_pri and sv_ontap_sec
- D. snapvault_pri and snapvault_sec

Correct Answer: C

QUESTION 83

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

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

Correct Answer: C

QUESTION 84

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

Correct Answer: BCD

QUESTION 85

Which hardware technology is positioned in the NetApp backup and recovery portfolio?

- A. SnapVault for NetBackup
- B. EnterpriseVault
- C. Virtual Tape Library
- D. ReplicatorX

Correct Answer: C

QUESTION 86

Which backup application supported by NetApp NearStore VTL is designed for an "incremental forever" backup strategy?

- A. Symantec NetBackup
- B. Tivoli Storage Management
- C. CommVault Galaxy
- D. EMC NetWorker

Correct Answer: B

QUESTION 87

What is RPO?

- A. recovery plan options
- B. remote process object
- C. recovery point obstacle
- D. recovery point objective

Correct Answer: D

QUESTION 88

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

Correct Answer: D

QUESTION 89

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

- A. True
- B. False

Correct Answer: B

QUESTION 90

What is multiplexing in a tape environment?

- A. writing a large backup stream to multiple tape drives
- B. multiple backup streams writing to a single tape drive
- C. multiple backup servers writing to multiple tape drives
- D. writing multiple backup streams from multiple clients to multiple tape drives

Correct Answer: B

QUESTION 91

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

Correct Answer: ABDE

QUESTION 92

With Open Systems SnapVault, the secondary storage system must be running _____.

- A. Data ONTAP
- B. AIX, Windows, or HP-UX
- C. Solaris, Windows, or LINUX
- D. AIX, HP-UX, IRIX, or Windows

Correct Answer: A

QUESTION 93

What is the maximum number of front-end ports a fully loaded NearStore VTL 700 can have?

- A. 3
- B. 4
- C. 8
- D. 12

Correct Answer: B

QUESTION 94

Which function directly creates a physical tape using a VTL?

- A. export or clone function
- B. tape duplication function
- C. shadow tape function
- D. copy using backup server function

Correct Answer: A

QUESTION 95

The Service Level Agreement defines the customer's backup infrastructure and architecture.

- A. True
- B. False

Correct Answer: B

QUESTION 96

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

- A. True
- B. False

Correct Answer: B

QUESTION 97

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

Correct Answer: B

QUESTION 98

Which three pieces of information do you need from a customer site to build a backup and recovery plan? (Choose three.)

- A. data encoding method
- B. RPO
- C. RTO
- D. amount of data

Correct Answer: BCD

QUESTION 99

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

Correct Answer: B

QUESTION 100

What should you follow when setting up the hardware for a NearStore VTL?

- A. NetApp FAS System Configuration Guide
- B. NearStore VTL Installation and Setup Instructions
- C. System Administration Guide
- D. V-Series Installation and Setup Instructions

Correct Answer: B

QUESTION 101

Which three pieces of information are needed to determine the throughput required for backups? (Choose three.)

- A. amount of data
- B. duration of backup window
- C. type of target media
- D. capacity of target media

Correct Answer: ABC

QUESTION 102

Which two are required to upgrade from NearStore VTL 300 to VTL 700? (Choose two.)

- A. license for ACSLS
- B. license for DTC
- C. disk HBA
- D. recabling of disk shelves

Correct Answer: CD

QUESTION 103

What is the correct method for creating a new storage policy?

- A. name the policy, assign a disk library, assign a MediaAgent, enter the retention criteria, select or add a DataFabric Manager server
- B. name the policy, assign a disk library, assign a VSA, enter the policy schedule, select or add a DataFabric Manager server
- C. name the policy, assign a resource pool, assign a policy schedule, enter the retention criteria, select or add a DataFabric Manager server
- D. name the policy, assign a resource pool, assign a retention period, select or add a DataFabric Manager server

Correct Answer: A

QUESTION 104

You are an administrator for a company with multiple sites and limited available WAN bandwidth. You want to enable SnapMirror to protect data from a single site failure. Which two tools can you use to estimate the size of each incremental update? (Choose two.)

- A. df
- B. vol status
- C. snap delta
- D. OnCommand System Manager
- E. snap list -d

Correct Answer: CD

QUESTION 105

Provisioning policies define the desired features of NAS or SAN storage for datasets. Which three features can you manage by using a Provisioning Policy? (Choose three.)

- A. Reliability/Availability
- B. Controller Options settings
- C. Space Management settings
- D. Monitoring Metrics and Alerting settings
- E. Appropriate action when a storage container needs more space

Correct Answer: ACE

QUESTION 106

You are planning data protection for a customized Microsoft SharePoint deployment. In order to restore a SharePoint farm, certain files must be backed up. These include SQL master and system database files, SharePoint content database files, and SharePoint configuration database files. Which two additional files must you back up in order to restore a SharePoint farm? (Choose two.)

- A. system state files
- B. SQL log files
- C. SQL master and cascading style sheets
- D. virtual memory cache

Correct Answer: BC

QUESTION 107

Which technology does SnapProtect use to index LUN contents?

- A. FlexClone
- B. LUN Clone
- C. SnapClone
- D. AggrClone

Correct Answer: B

QUESTION 108

Which two commands should you use to register your Windows system with Protection Manager? (Choose two.)

- A. dfm network add
- B. dfm ndmp add
- C. dfpm install client
- D. dfm host add

Correct Answer: AD

QUESTION 109

Click the Exhibit button.



Based on information provided in the exhibit, which statement is true about virtual machines spanning multiple datastores?

- A. Virtual machines cannot span multiple datastores.
- B. Virtual machines should not be configured to span multiple datastores.
- C. Some virtual machines can span multiple datastores, but you can exclude datastores from the backup.
- D. Some virtual machines can span multiple datastores, but you cannot exclude datastores from the backup.

Correct Answer: C

QUESTION 110

The SnapVault software requires _____ snapshots. This leaves _____ snapshots for scheduled or manual snapshot creation.

- A. 10; 250
- B. 4; 251
- C. 1; 254
- D. 8; 247

Correct Answer: B

QUESTION 111

Once a mounted backup is no longer needed, the backup should be unmounted for which two reasons? (Choose two.)

- A. to recover backup content
- B. to improve backup performance
- C. to change the state of the Snapshot copy from `usy?` to `ormal?` to change the state of the Snapshot copy from `?usy?` to `?ormal`
- D. to enable you to delete that backup or any of the preceding Snapshot copies

Correct Answer: CD

QUESTION 112

Which statement is true about NetApp System Manager?

- A. NetApp System Manager is a tool used to monitor, but not configure NetApp storage systems.
- B. NetApp System Manager is a tool used to configure, but not to monitor NetApp storage systems.
- C. NetApp System Manager is a member of the OnCommand suite and can be used to configure and monitor NetApp storage systems.
- D. NetApp System Manager is a tool installed with each NetApp storage system to configure and monitor storage systems individually.

Correct Answer: C

QUESTION 113

The Add Resource Pool wizard allows you to select which two to be members of a resource pool? (Choose two.)

- A. `qtrees`
- B. entire storage systems
- C. any host running SnapDrive
- D. aggregates

Correct Answer: BD