



Vendor: EMC

Exam Code: E20-830

Exam Name: Network Attached Storage (NAS) Expert Exam
for Technology Architects

Version: DEMO

QUESTION 1

You have a customer who is purchasing a new EMC NAS solution with the following requirements:

No DFS (Distributed File System)

Three 10 TB file shares

Which NAS platform do you propose?

- A. NS502
- B. NS602
- C. NS704G
- D. CNS-14 with five 514 Data Movers

Answer: C

QUESTION 2

You are planning for replication between two NS502G Celerras. One is located in New York, one is in Los Angeles. What must be considered for replication to be successfully established?

- A. Time on both Celerras must be synchronized
- B. Both sites must point to the same DNS servers
- C. Each Control Station must be in the same domain
- D. The rdf passphrase on each Celerra cannot be the same

Answer: A

QUESTION 3

An existing Celerra Customer utilizes its Data Movers with its UNIX NFS environment. It currently updates the password and group files nightly on the Data Movers. They would like to add a new group of Windows' users to the Data Movers. Which architecture should be proposed?

- A. Use the Usermapper for the Windows' users
- B. Use Usermapper with a VDM for the Windows' users
- C. Use the NTMigrate tools to create files and merge them into existing password and group files
- D. Use Usermapper for the Windows users and groups, dump the database and merge the files nightly

Answer: C

QUESTION 4

A customer has an NS704G/DMX with production file systems mounted on server_2. The standby Data Mover is server_3, and server_4 and 5 are unused. There are currently 96 mirrored hyper volumes presented with BCVs. Currently 50% of Celerra volumes are in use. Which solution would best minimize the impact of backups on production data servers.

- A. Configure NDMP 3 way backup with tape drives connected to an unused Data Mover
- B. Take a TimeFinder/FS snap, mount it to an unused Data Mover, and backup the snap
- C. Take a SnapSure checkpoint, mount it to an unused Data Mover, and backup the checkpoint
- D. Use fs_copy incrementals to create a separate copy of the file system, mount the file system to an unused Data Mover, and back up the copy

Answer: B

QUESTION 5

You are designing the implementation of three new NS704G Celerras which will be used for CIFS only. All of the Celerras will be in the same Active Directory domain. Two Celerras will be used for production data and one Celerra will be used for development and testing. What is the EMC best practice for configuring Usermapper?

- A. Configure each Celerra with its own Usermapper server on server_2
- B. Enable Usermapper on server_2 of one Celerra and run a secondary User mapper on server_2 of the other two
- C. Let the two production Celerras run Usermapper on server_2 in the default configuration and configure the development and testing Celerra with a secondary UserMapper service on server_2
- D. Set up a default Usermapper server on server_2 of one production Celerra and a secondary Usermapper server server_2 of the other production Celerra, then set up another default Usermapper on the development and testing Celerra

Answer: B

QUESTION 6

What is one of the considerations for the configuration of the remote target site when designing a unidirectional SRDF solution for the highest level of availability?

- A. The target site Celerra requires only RDF target Data Movers for the primary Data Movers on the source site
- B. The target site Celerra requires only RDF target Data Movers for the standby Data Movers on the source site
- C. The target site Celerra requires RDF target Data Movers for the primary and associated standby Data Movers on the source site
- D. The target site Celerra Data Movers can each assume the identities of two source Data Movers and so only half the number of Data Movers are required in the target site

Answer: B

QUESTION 7

A customer has a multi-protocol environment consisting of mostly Windows users with a few UNIX users. They want to perform Usermapping within Active Directory. What additional action must be taken after the customer extends the Active Directory Schema?

- A. Modify param files
- B. Update Windows registry
- C. Run NTMigrate procedure
- D. Import NIS database to Usermapper

Answer: A

QUESTION 8

A customer asks you to design an NDMP2D solution on an existing NAS device. Two shelves of disks remain unused, one is ATA RAID-5 and the other is Fibre Channel RAID-5. What is the EMC best practice for configuring cartridge filesystems?

- A. Reconfigure both shelves to RAID-3 and configure the cartridge file system using LUNs from both of the disk shelves
- B. Reconfigure the ATA shelf to RAID-3 and configure the cartridge filesystem using LUNs from each of the disk shelves
- C. Reconfigure both shelves to RAID-3 and configure the cartridge filesystem using LUNs from only one of the disk shelves
- D. Reconfigure the ATA shelf to RAID-3 and configure the cartridge filesystem using LUNs from only one of the disk shelves

Answer: D

QUESTION 9

A customer requires Celerra RDF and they already have a Celerra NAS running on a CLARiiON array. You have to prepare the design for the implementation. Where should the Celerra Control volumes reside after the DMX is added?

- A. They should be mirrored to the DMX
- B. They should remain on the CLARiiON
- C. They should be re-installed on the DMX
- D. They should be re-created on the control station hard drive

Answer: C

QUESTION 10

What are two [2] workload characteristics that can affect performance measurement results?

- A. Memory vs. Processor
- B. Single vs. Multi threaded
- C. Full-Duplex vs. Half-Duplex
- D. Random vs. Sequential access

Answer: BD

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