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# E20-830

Networked Storage--NAS Expert Exam for  
Technology Architects

DEMO

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**QUESTION NO: 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 NO: 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 rdfs passphrase on each Celerra cannot be the same

**Answer: A**

**QUESTION NO: 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**

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**QUESTION NO: 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 aTimeFinder/FS snap, mount it to an unused Data Mover, and backup the snap
- C. Take aSnapSure checkpoint, mount it to an unused Data Mover, and backup the checkpoint
- D. Usefs\_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 NO: 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 Usermapperserver server\_2 of the other production Celerra, then set up another default Usermapper on the development and testing Celerra

**Answer: B**

**QUESTION NO: 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

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- 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 NO: 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 NO: 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 NO: 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?