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Exam : **E20-500**

Title : EMC Storage and Information Infrastructure Exam

Version : DEMO

1.A customer backs up their Windows servers to tape. They would like to complement these backups with disaster recovery protection in between backups. Current SLA requirements state that there can only beminutes of data loss as well as the ability to recover within minutes or hours.
Which solution fits this requirement?
A. Avamar
B. Replication Manager
C. RepliStor
D. SAN Copy
Answer: C

2 .A customer has an existing production CX3-80 at their primary site and a CX3-20 at a remote site 2,000 km away. They have three dedicated DS3 and four T1 connections. They need to replicate their critical databases from the primary site to the remote site. The total size of the databases is over 5 TB. They are interested in a SAN-based method to move that much data. Their requirement is a RPO of seconds to minutes.
They are currently negotiating a new WAN contract and are looking to reduce WAN bandwidth requirements. Which EMC solution do you recommend?
A. RecoverPoint CRR
B. RecoverPoint/SE
C. RepliStor
D. SAN Copy
Answer: A

3 For a new customer, you are asked to help add disaster recovery for their CIFS environment. You have sold two Celerra gateway servers, and would like to be able to isolate and replicate CIFS environments between physical Data Movers for ease of Windows disaster recovery management.
What Celerra feature would simplify CIFS replication?
A. CDMS
B. NDMP
C. SRDF/S
D. VDMs
Answer: D

4 Your RecoverPoint presentation has interested your customer, but they do not want to manage host agents. They want a proof of concept before committing to a purchase. They currently have Cisco MDS 9506 v2 directors with a mixture of 12-port and 24-port blades in their Windows and Linux environment.
Which hardware do they need to perform the test?
A. IP Services Blade
B. PortChannel
C. QoS Advanced Traffic Management
D. Storage Services Module (SSM)
Answer: C

5 Your customer's primary data center is in Washington, D.C. The company has just acquired a

company with data centers in Los Angeles and Chicago. Your customer wants to migrate all data from HDS arrays in Los Angeles and Chicago to the CLARiiON CX3 arrays in Washington, D.C.
Which solution should you recommend for the migration?
A. ARM
B. RecoverPoint/SE
C. Replication Manager
D. SAN Copy
Answer: D

6 A customer mentions that they are concerned with managing the risk of comprising their highly sensitive information. You know that they already have a backup/recovery strategy in place.
As per EMC security delivery strategies, what is the next security question to ask the customer?
A. Do they have an audit trail in place?
B. Does their backup/recovery strategy meet their SLAs?
C. Have they implemented a network intrusion prevention system?
D. How do they secure access to their information?
Answer: D

7 A customer does not want to capture all e-mail sent and received. The customer only wants to capture e-mail that is older than 30 days. Which method can be used to implement an automated EmailXtender solution that would meet the customer's requirements?
A. Instruct users to create a folder in their mailbox called archive and have them move e-mail into the folder. Set up and run EmailXtract to capture e-mail in a user-created folder called Archive.
B. Set up a filter to exclude e-mail that is less than 30 days old during the journaling capture process.
C. Set up a User Directed Archive (UDA) folder that will allow users to save e-mail that is older than 30 days into the UDA folder.
D. Set up and run an EmailXtract task that captures e-mail older than 30 days of the received date.
Answer: D

8 Click the Exhibit button.
A customer identified the need to add to their existing SAN and provides this diagram. What is the name of this technology?
A. Edge-Core
B. Full Mesh
C. Partial Mesh
D. Zoned Mesh
Answer: B

9 A customer is preparing to deploy iSCSI into their existing MDS 9509 FC SAN environment. They are very concerned about security between the hosts and storage within the iSCSI environment because it is on the IP network.
What MDS security feature will address the concern?
A. CHAP
B. Node ACL

C. Port type security
D. Switch ACL
Answer: A

10 Your customer has a pair of ED 10000M switches at their main data center. They want to purchase another pair of ED 10000M switches for a remote site as well as 10 GB/s line modules for all four switches.
They want to extend their fabric to the remote site using 2 Gb FC links.
What is the maximum distance for which the 2 Gb links can be used?
A. 60 km
B. 190 km
C. 1,100 km
D. 2,200 km
Answer: C

11 A financial management firm must comply with SEC-17a4 for U.S. operations. The company has several foreign subsidiaries that must also ensure that data is protected with enforced retention and shredding.
Which EMC Centera edition is appropriate for this customer?
A. EMC Centera Basic
B. EMC Centera Compliance Edition Plus
C. EMC Centera Governance
D. EMC Centera Governance or EMC Centera Compliance Edition Plus
Answer: B

12 A customer would like to assign storage to a Windows virtual machine. The guest OS requires that the volume is presented so that the underlying LUN details can be managed. Which VMware storage option would be required?
A. MS iSCSI initiator
B. NFS
C. Raw Device Mapping
D. VMFS
Answer: C

13 A customer is concerned about the risk associated with their NetWorker backup tapes being accessed by unauthorized individuals and sensitive data being stolen. They would like to solve this issue without replacing or adding hardware to the existing environment.
How should NetWorker encryption be implemented to mitigate this risk?
A. On an appliance-based encryption device
B. On the client with the encryption option
C. On the server with the encryption option
D. On the storage node with the encryption option
Answer: B

14 Your customer wants to implement a security scheme on the EMC Centera to prevent applications from being able to view its data. Which EMC Centera feature will meet this requirement?
A. Access profiles
B. Content Addressing
C. EMC Centera Viewer
D. Virtual pools
Answer: A

15 After an extended network outage, a large number of tracks are owed to the remote site in an SRDF/A configuration.When the network becomes available again, what is the best practice to resume remote replication in
SRDF/A mode?
A. Install Replication Manager and create a job that will automate running SRDF/A
B. Run SRDF Adaptive Copy Disk Mode until the tracks out of synch are small enough to start SRDF/A
C. Run SRDF Adaptive Copy Write Pending Mode until the tracks out of synch are small enough to start SRDF/A
D. Purchase additional disks and install them on the remote DMX and create BCVs to reduce owned tracks.
Answer: B

16 What types of nodes are used as the building blocks of an Avamar server?
A. Admin and Agent nodes
B. Admin and Storage nodes
C. Agent and Storage nodes
D. Utility and Storage nodes
Answer: D

17 A customer uses a NS42 Celerra to provide CIFS shares to business units to store their documents and spreadsheets. An Avamar solution is chosen for backup and recovery.
Which Avamar component supports this environment?
A. Avamar File System
B. Avamar NDMP Accelerator Node
C. Avamar Storage Node
D. Avamar Utility Node
Answer: B

18 You are proposing a NAS solution for your customer. The final solution includes:
?Celerra NS40 integrated
?Twenty six (26) 146 GB disk drives
?One Celerra Enterprise license
?One Celerra SnapSure license
?Two EMC CAVA licenses
Which hardware is the customer required to provide for the above licensed solution?
A. A modem for Celerra dial-home

B. A server for CLARalert e-mail home
C. An ESRS gateway for secure notifications
D. Two servers for antivirus scanning
Answer: D

19 A customer has an environment which consists of multiple heterogeneous hosts and storage vendor equipment. The customer needs to consolidate and ease the management burden of storage downtime and I/O bottlenecks.
Which basic software can be incorporated to reduce and/or eliminate problems related to storage availability and performance?
A. DM-MPIO
B. DMP
C. PowerPath
D. PV Links
Answer: C

20 A customer has an MDS 9513 and wants to implement FC over IP for data replication.
What blade should they have?
A. FCIP Blade
B. IP Services Blade
C. Multi-Purpose blade
D. SSM Blade
Answer: B