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Exam : **E22-290**

Title : EMC Data Domain Deduplication, Backup and Recovery Exam

Version : DEMO

1.A customer has a Data Domain system with one expansion shelf using RAID 6 disk protection. An active data disk has failed while another data disk is going through the reconstruction process. All remaining disks are active with no more spare disks.
How many additional disk(s) can fail before data becomes unrecoverable?
A. 0
B. 1
C. 2
D. 3
Answer: B

2.What is an advantage of inline deduplication over post-process deduplication?
A. Reduced time to disaster recovery readiness when replicating
B. Disk cache tier ensures consistent write speed
C. Increased deduplication from the use of variable segment sizes
D. Write speed is increased by the number of disk spindles
Answer: A

3.What is a component of Data Domain Data Invulnerability Architecture that protects against data loss?
A. Fault avoidance
B. Encryption
C. System sanitization
D. Snapshots
Answer: A

4.What is a component of Data Domain Data Invulnerability Architecture that protects against data loss?
A. Encryption
B. System sanitization
C. File system recovery
D. Snapshots
Answer: C

5.Which EMC Data Domain technology allows inline deduplication to occur fast and efficiently?
A. SISL scaling architecture
B. Data Domain Data Invulnerability Architecture
C. DD Boost
D. SATA
Answer: A

6.Which variable length segment size range is used for EMC Data Domain deduplication?
A. 2 - 8 KB
B. 4 - 12 KB
C. 6 - 16 KB
D. 8 - 18 KB
Answer: B

7.In an EMC Data Domain system, which local compression algorithm is used by default?
A. gzfast
B. gzip
C. zip
D. lz
Answer: D

8.Which benefit is provided by EMC Data Domain Stream-Informed Segment Layout (SISL) scaling architecture?
A. Deduplication of data inline which eliminates the need to write duplicate data to disk
B. Ability to quickly deduplicate data previously stored on the Data Domain system which allows faster ingest of data
C. Ability to verify the data stored in the Data Domain file system for reliability
D. Ability to transparently and automatically recover from disk read errors using RAID parity
Answer: A

9.A customer is deploying EMC Data Domain systems in multiple sites to replace their existing tape backup infrastructure.
Which feature will allow the customer to copy their data between the systems at multiple sites?
A. Replication
B. Snapshot
C. Fastcopy
D. Retention Lock
Answer: A

10.A customer is looking for a solution to backup their 20 TB EMC NAS system. The data has a low change rate and a 30-day retention period. The customer has a requirement to directly attach the backup target using Ethernet.
Which EMC Data Domain configuration would best fit the customer's requirements?
A. Data Domain system using NFS
B. Data Domain system using DD Boost
C. Data Domain system using NDMP VTL
D. Data Domain system using CIFS
Answer: C

11.A customer is looking for a solution to backup their 20 TB of image and video data on a Microsoft Windows server. The data has a high change rate and 3-day retention period. The customer can use either Fibre Channel or Ethernet for backups.
Which EMC Data Domain configuration would best fit the customer's requirement?
A. Data Domain is not a viable solution
B. Data Domain system using CIFS
C. Data Domain system using VTL
D. Data Domain system using DD Boost
Answer: A

12.A customer is deploying EMC Data Domain systems in four data centers worldwide. The Data Domain systems will be using VTL.Each system will have a unique tape pool. The customer would like to replicate data to all sites. The data needs to be encrypted locally and then replicated to remote sites over the WAN. What needs to be deployed to meet the customer's requirements?
A. Encryption for data at rest and pool replication with encryption enabled
B. Encryption for data at rest and collection replication with encryption enabled
C. Pool replication with encryption enabled
D. Collection replication with encryption enabled
Answer: A

13.A company is backing up database, e-mail, and file system data types in their data center to a Data Domain system using a single backup server. The backup system administrator creates separate subdirectories for each of the three data types under the default /backup share.
What does this allow the administrator to do?
A. Improve file system cleaning performance
B. Improve the performance of a 100 GB database backup
C. Set up a single backup device in the software
D. Analyze the compression of each data type
Answer: D

14.Where is data that is written to an EMC Data Domain Archiver system initially stored?
A. Active Tier
B. Active Volume
C. Archive Volume
D. Archive Tier
Answer: A

15.A customer is currently using an EMC Data Domain system with VTL configured over Fibre Channel. They have a requirement to archive to tape.
Which process is used to transport data to tape?
A. Use the backup software to move backup data to tape
B. Use the VTL interface to eject tapes to physical tapes
C. Use the tape export function on the Data Domain system
D. Use the Enterprise Manager on the Data Domain system
Answer: A

16.A customer is currently using an EMC Data Domain system with NFS configured over 10 GB Ethernet. They have a requirement to archive to tape.
Which process is used to transport data to tape?
A. Use the VTL interface to eject tapes to physical tapes
B. Use the tape export function on the Data Domain system
C. Use the backup software to move backup data to tape
D. Use the Enterprise Manager on the Data Domain system

Answer: C

17.Which LAN configuration allows backups and replication to run simultaneously without potentially impacting backup performance on an EMC Data Domain system?
A. Separate the traffic by using two separate Ethernet NICs
B. Separate the traffic by using two separate VLANs on a NIC
C. Reduce the traffic by using VLAN tagging on a NIC
D. Reduce the traffic by using a larger MTU size
Answer: A

18.A customer has two EMC Data Domain systems deployed with a collection replication configuration. Based on best practices, what should be configured if the customer has less than 6 Mb/s throughput between the installation sites?
A. Low bandwidth optimization
B. Gz compression
C. Initial replication seeding
D. Bi-directional replication
Answer: A

19.An organization currently writes backups to an EMC Data Domain system and then creates encrypted copies of their backups on tapes. These tapes are then shipped to a third-party offsite vault.
They are now planning to deploy a second Data Domain system in a hosted disaster recovery site as a replication target to replace the use of the offsite tapes. The two sites are connected through an encrypted WAN link.
Where should encryption be applied on the Data Domain systems to ensure a similar level of data security as achieved by their current process?
A. Encrypt the replication context
B. Encrypt the data at rest
C. Encrypt both the data at rest and the replication context
D. None.The WAN link between the sites is already encrypted.
Answer: B

20.An organization currently writes backups to an EMC Data Domain system and then creates encrypted copies of their backups on tapes. These tapes are then shipped to a third-party offsite vault. They are now planning to deploy a second Data Domain system to a secure data center at their corporate headquarters as a replication target to replace the use of the offsite tapes. The two sites are connected through the Internet.
Where should encryption be applied on the Data Domain systems to ensure a similar level of data security as achieved by their current process?
A. Encrypt the replication context
B. Encrypt the data at rest
C. Encrypt the data at rest and the replication context
D. Encryption is not required
Answer: A