

Implementation Engineer - Data Protection Exam

1. The company you work for is using SnapMirror to replicate data from their on-premises primary ONTAP cluster to an instance of Cloud Volumes ONTAP in Google Cloud.

A. Use the PATCH method and update the relationships by setting the state to ~snapmirrored~.

B. Use the PATCH method and resume the relationships by setting the states to ~snapmirrored~.

C. Use the PATCH method and stop the ongoing transfers by setting the state to ~abort~.

D. Use the PATCH method and quiesce the relationships by setting the state to ~paused~.

Answer(s): D

2. You have enabled the SnapMirror global throttling feature to restrict bandwidth that is used by SnapMirror operations over the network for both incoming and outgoing transfers in ONTAP.

A. Global throttling is enforced at a node level and works with the per-relationship throttle feature for SnapMirror.

B. Global throttling is enforced at a cluster level and does not work with the per-relationship throttle feature for SnapMirror.

C. Global throttling is not enforced until the combined bandwidth of per-relationship transfers exceeds the value of global throttle.

D. Global throttling is enforced at a cluster level and works with the per-relationship throttle feature for SnapMirror.

Answer(s): C,D

3. You noticed that your SnapVault relationship is healthy but that the destination volume does not have any Snapshot copies.

A. Set up volume source free space.

B. Use the snapvault update command.

C. Configure a rule with the Snapshot label.

D. Set up volume destination free space.

Answer(s): B

4. Your customer wants to implement a mirroring solution between two NetApp controllers.

A. SnapMirror

B. SnapRestore

C. Snapcreator

D. Snapshot copies

Answer(s): A

5. You are asked to implement SnapCenter for an existing VMware Site Recovery Manager environment that has the protected and recovery site vCenter instances running in linked mode.

A. 1

B. 3

C. 2

D. 4

Answer(s): C

6. To ensure enough bandwidth for other applications, you want to restrict all replication bandwidth on your destination cluster.

A. Using the ONTAP CLI, enable global throttling on the source cluster.

B. Using OnCommand System Manager on your destination cluster, create a QoS policy on the destination cluster.

C. Using the ONTAP CLI, enable global throttling on the destination cluster.

D. Using OnCommand System Manager on your source cluster, create a QoS policy on the source.

Answer(s): A

7. You must create and establish schedules for NetApp Snapshot copies and NetApp SnapMirror replication mirrors, and you need to manage them from a centralized location.

A. OnCommand System Manager

B. OnCommand Insight

C. Commvault IntelliSnap

D. NetApp SnapCenter

Answer(s): A,D

8. You are asked to size an ONTAP disaster recovery and backup cluster. You are required to use 4 x 40 Gb Ethernet ports per controller and 4 x 32 Gb FC ports per controller. You also need to confirm support for Commvault IntelliSnap for NetApp v11.

A. Interoperability Matrix Tool

B. OneCollect

C. Active IQ

D. Hardware Universe

Answer(s): A,D

9. What is NetApp data protection software?

A. A software solution for managing data backups

B. A software solution for managing data analytics

C. A software solution for managing cloud storage

D. A software solution for managing virtual machines

Answer(s): A

10. Application data needs to be replicated between two FAS9000 clusters running ONTAP 9.7 for DR purposes only. The application has 50 data volumes to be replicated concurrently. You also require that the application can run from the DR site should the production site suffer a disaster.

A. SnapMirror can be used to replicate all the data volumes concurrently.

B. Load sharing can be used to concurrently replicate the data between both systems.

C. SnapVault backups can be used to replicate all the application volumes.

D. SnapMirror Synchronous can be used to replicate the all the application volumes.

Answer(s): C

11. You are asked to perform a NetApp Snapshot copy single-file restore on a corrupted thin-provisioned LUN that is 10 GB in size and is currently at 80% full.

A. 20 GB

B. 8 GB

C. 10 GB

D. 16 GB

Answer(s): C

12. A client is planning to configure a SnapMirror relationship between two sites. Normally their ISP provides network throughput of 100 Mbps; however, they can arrange to have this burst to 1 Gbps for a period of time at an additional cost.

A. 30 minutes

B. 45 minutes

C. 60 minutes

D. 15 minutes

Answer(s): B

13. You are asked to re-purpose a NetApp FAS cluster. You need to verify that all encrypted data has been securely erased.

A. Disk Sanitize

B. SnapLock Compliance

C. NetApp Aggregate Encryption

D. Secure Purge

Answer(s): C,D

14. A volume has been filled completely by active data and Snapshot copies.

A. Modify the Snapshot reserve.

B. Delete enough Snapshot copies until space is available.

C. Delete files in the active file system.

D. Delete any SnapMirror relationships.

Answer(s): B

15. An ONTAP administrator is trying to configure a three-way-disaster recovery solution. Cluster 2 is within 50 km of Cluster 1, the primary cluster, with an RTT of 7 ms. Cluster 3 is over 300 km from Cluster 1 with an RTT of 29 ms.

A. a fan out topology with SnapMirror Synchronous from Cluster 1 to Cluster 2 and SnapMirror Synchronous to Cluster 3

B. a cascade topology from Cluster 1 to Cluster 2 with SnapMirror Synchronous, and then SnapMirror Synchronous from Cluster 2 to Cluster 3

C. a cascade topology from Cluster 1 to Cluster 2 with SnapMirror Synchronous, and then SnapMirror asynchronous from Cluster 2 to Cluster 3

D. a fan out topology with SnapMirror Synchronous from Cluster 1 to Cluster 2 and SnapMirror asynchronous from Cluster 1 to Cluster 3

Answer(s): C,D

16. Which of the following is a best practice for designing a data protection solution?

A. Keeping data in a single location

B. Providing employee training on data protection policies

C. Storing passwords in plain text

D. Implementing access controls only for sensitive data

Answer(s): B

17. You create a Snapshot copy of a NetApp volume in either OnCommand System Manager or through the ONTAP CLI.

A. A redirect-on-write Snapshot copy is created and stored within the aggregate.

B. A redirect-on-write Snapshot copy is created and stored within the volume.

C. A copy-on-write Snapshot copy is created and stored within the volume.

D. A copy-on-write Snapshot copy is created and stored within the aggregate.

Answer(s): C

18. Due to legal compliance requirements, a financial institution needs to store and commit files to a non-erasable, non-rewritable state either forever or for a designated retention period.

A. SnapDiff

B. Snapshot

C. FlexClone

D. SnapLock

Answer(s): D

19. You are asked to create application-consistent Snapshot copies of VM guests that are running in your VMware environment that have datastores from an ONTAP 9.8 AFF cluster.

A. SnapCenter Software

B. Active IQ Unified Manager

C. ONTAP System Manager

D. Virtual Storage Console

Answer(s): A

20. You are planning on archiving 200 TB of data with SnapVault to an ONTAP Cloud Instance.

A. OnCommand System Manager

B. OnCommand Insight

C. OnCommand Unified Manager

D. OnCommand Cloud Manager

Answer(s): D
