

NetApp Certified Implementation Engineer (NS0-194)

1. For security reasons, you must track the access of files of a specific folder. In this scenario, what should you do to accomplish this task from the storage side?

A. Implement a Vscan solution.

B. Use a cron job to save the audit log.

C. Use role-based access control to track access.

D. Implement an FPolicy solution.

Answer(s): D

2. You need to provide a customer an action plan to update an ONTAP system after a security bulletin has been issued.

In this scenario, how do you accomplish this task?

A. Use the Interoperability Matrix Tool.

B. Review the ONTAP 9 product page.

C. Download the target version and do a pre-check.

D. Use Upgrade Advisor on Active IQ.

Answer(s): C

3. What is the minimum number of compute nodes required to run the NetApp Deployment Engine for NetApp HCI?

A. 2

B. 1

C. 3

D. 4

Answer(s): A

4. Which NetApp technology enables you to perform block-based replication from NetApp Element software to Cloud Volumes ONTAP?

A. SyncMirror

B. SnapMirror

C. Cloud Sync

D. MetroCluster

Answer(s): B

5. Referring to the exhibit, which two components should be examined? (Choose two.)

Workload	ID	Latency	Network	Cluster	Data	Disk	QoS	NVRAM	Clou
-total-		110.35ms	327.00us	327.00us	0ms				
110.02ms	0ms	0ms	0ms						
vslvol0	111	167.82ms	603.00us	603.00us	0ms				
167.22ms	0ms	0ms	0ms						
voll	1234	117.76ms	191.00us	191.00us	0ms				
117.56ms	0ms	0ms	0ms						
vol2	999	44.24ms	190.00us	190.00us	0ms	44.05ms	0ms	0ms	0m
-total-	-								
38.89ms	256.00us	256.00us	0ms	38.63ms	0ms	0ms	0ms		
vol2	999	64.47ms	266.00us	266.00us	0ms	64.20ms	0ms	0ms	0m
voll	1234	27.28ms	253.00us	253.00us	0ms	27.03ms	0ms	0ms	0m
vslvol0	111	23.72ms	249.00us	249.00us	0ms	23.47ms	0ms	0ms	0m
-total-	-	409.81ms	169.00us	169.00us	0ms				
409.65ms	0ms	0ms	0ms						
voll	1234	816.92ms	120.00us	120.00us	0ms				
816.80ms	0ms	0ms	0ms						
vol2	999	407.88ms	219.00us	219.00us	0ms				
407.66ms	0ms	0ms	0ms						
vslvol0	111	3.68ms	193.00us	193.00us	0ms	3.49ms	0ms	0ms	0m

A. cluster switches

B. SAS adapter

C. network interface card

D. disk

Answer(s): B D

6. What are two reasons to use VLANs in a NetApp storage solution? (Choose two.)

A. to isolate UDP traffic from TCP traffic

B. to isolate management traffic from other IP traffic

C. to isolate iSCSI traffic from NAS traffic

D. to isolate FC traffic from other IP traffic

Answer(s): A C

7. Which CIFS server configuration determines the domain controllers that a CIFS server uses?

A. site membership

B. enabled SMB versions

C. trusted domains

D. discovery mode

Answer(s): A

8. Which three techniques are used in ONTAP to improve storage efficiencies? (Choose three.)

A. compression

B. encryption

C. compaction

D. ADP

E. thin provisioning

Answer(s): A C E

9. You are working on a fabric MetroCluster. After a site failure, the plex starts to resync automatically to the aggregate mirror of Aggr1. The plex now shows a status of resyncing. During this process, you experience a

slow resync of the SyncMirror plex.

In this scenario, how do you solve the problem?

A. Add more disks to the aggregate to add more I/O capacity.

B. Destroy and re-create plex, then run a baseline sync.

C. Tune the resync speed by adding a QoS policy and limit the concurrent I/O to the aggregate.

D. Tune the resync speed using the storage raid-options command.

Answer(s): C

10. When you replace a motherboard, which step will completely test the newly installed component?

A. From ONTAP, execute sldiag.

B. From the LOADER prompt, type boot_ontap maint, then execute sldiag.

C. From the LOADER prompt, type boot_diags, then execute sldiag.

D. From the LOADER prompt, execute sldiag.

Answer(s): B

11. A disaster causes a FlexGroup volume to be unrecoverable, but it was protected by a SnapMirror relationship. You solve the issue, and the source is operational. Now, you want to return to serving the data from the original source.

In this scenario, what do you do next?

A. Initialize the SnapMirror relationship.

B. Restore data from a backup copy.

C. Perform a SnapMirror update.

D. Delete the SnapMirror relationship.

Answer(s): A

12. Which type of MetroCluster is shown in the exhibit?

A. 2-node stretch MetroCluster

B. 4-node MetroCluster IP

C. 4-node Fabric-Attached MetroCluster

D. 4-node stretch MetroCluster

Answer(s): C

13. You have determined that an SFP+ has failed on one of your storage controllers. In this scenario, what do you use to determine which SFP+ should be replaced by NetApp Support?

A. NetApp Active IQ

B. Interoperability Matrix Tool

C. NetApp Documentation Center

D. Hardware Universe

Answer(s): D

14. You have an ONTAP 2-node cluster. You run a read/write test workload against an SMB share, and it is slower than you expected. You run the same test again, but this time you monitor the storage using a QoS command.

Workload	ID	Latency	Network	Cluster	Data	Disk	QoS	NVRAM
test-wid1234	1234	12.38ms	74.00us	64.00us	135.00us	3.76ms	0ms	8.49ms
test-wid1234	1234	11.92ms	73.00us	73.00us	143.00us	3.07ms	0ms	8.62ms
test-wid1234	1234	12.42ms	73.00us	59.00us	178.00us	3.32ms	0ms	8.89ms

Referring to the exhibit, what is the problem?

A. There is a disk bottleneck.

B. An HA interconnect problem is present.

C. The SMB read sizes should be increased.

D. The NVRAM needs to be replaced.

Answer(s): B

15. You have a 4-node MetroCluster system. A node needs to be taken down for maintenance, but all data needs to remain online.

In this scenario, what should you do to bring down a single node?

A. Perform an HA takeover of the node.

B. Perform a MetroCluster switchover.

C. Disable HA on each side of the MetroCluster.

D. Perform an aggregate relocation of the CFO aggregates on the node.

Answer(s): A

16. What is the consequence of a loss of connectivity between a Cloud Volumes ONTAP (CVO) instance and Cloud Manager for four or more days?

A. The CVO instance sends an AutoSupport message.

B. The CVO instance must be added back manually to Cloud Manager.

C. Cloud Manager removes the CVO instance from its inventory.

D. The CVO instance is stopped.

Answer(s): C

17. What are two conditions that would cause writes in memory to be written to disk? (Choose two.)

A. The NVRAM (NVLog) fills up.

B. A user presses "Save".

C. Drive capacity becomes available.

D. A Snapshot copy is taken.

Answer(s): A B

18. How many drive bays does a DS4246 shelf have?

A. 42

B. 12

C. 46

D. 24

Answer(s): D

19. On an AFF system, which three storage efficiencies are enabled by default? (Choose three.)

A. reallocation

B. compaction

C. deduplication

D. compression

E. encryption

Answer(s): B C D

20. You received the "CLUSTER ERROR: DISK/SHELF COUNT MISMATCH" AutoSupport message from an ONTAP cluster.

When analyzing this message, which two should be inspected? (Choose two.)

A. drive paths

B. IOM firmware

C. drive firmware

D. SAS cabling

Answer(s): A C
