NS0-509^{Q&As}

NetApp Certified Implementation Engineer - SAN - ONTAP

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QUESTION 1

What is the supported NVMe OS multipathing stack for VMware ESXi?

A. dm-multipath

B. MPIO

C. NMP

D. PVlinks

Correct Answer: C

Reference: https://www.netapp.com/us/media/tr-4684.pdf (18)

QUESTION 2

Which NetApp tool views automated, schedule configuration, and performance data for a customer\\'s SAN from a Web browser?

A. Virtual Storage Console

B. OnCommand Workflow Analyzer

C. Config Advisor

D. Active 1Q

Correct Answer: B

QUESTION 3

You are planning few a new AFF A700 2-node switchless FC solution with two Cisco 9100 switches. Each AFF A700 will have one 16 Gb port Connected to each Cisco 9100 switch and four FC LIKs per physical port. You want to guarantee recovery from connection loss on a NetApp physical port and you are using single initiator to multiple target zoning. What is the minimum number of zones required to accomplish this task?

A. 8

B. 4

C. 2

D. 1

Correct Answer: C

QUESTION 4

An administrator configures NVMe within an SVM for a test environment. The administrator creates an NVMe namespace and an NVMe subsystem. The administrator then maps the namespace to the subsystem. However, when the administrator establishes a connection to a supported host, the following error message appears: No discovery log entries to fetch.

What is the solution to this error?

A. Add the host WWPN to the subsystem.

B. Disable the host HBA and re-enable it to clear the buffers.

C. Add the host NQN to the subsystem.

D. Use the nvme ns-rescan /dev/nvme0 command to rescan the bus.

Correct Answer: C

Reference: https://www.netapp.com/us/media/tr-4684.pdf (39)

QUESTION 5

Click the Exhibit button.

```
::> volume show
Vserver   Volume                              Aggregate     State    Type Size Available  Used%
--------- -------------                       ------------- -------- ---- ---- ---------- -----
svm_fcp1  moved_parent_temp__1033__100__vol1  node_01_aggr1 offline  TMP  1TB  -          -
svm_fcp1  vol1                                node_02_aggr1 online   RW   1TB  19.31GB    1%
svm_fcp1  vol1_clone1                         node_01_aggr1 online   RW   1TB  19.28GB    1%
svm_fcp1  vol1_clone2                         node_01_aggr1 online   RW   1TB  19.28GB    1%
svm_fcp1  vol1_clone3                         node_01_aggr1 online   RW   1TB  19.28GB    1%
```

You notice that your volume named vol1 has a temporary volume that is doubling the space that is used by the volume.

In this scenario, which operation caused the volume to take up twice the space?

A. FlexClone

B. SnapRestore

C. FlexGroup

D. SnapMirror

Correct Answer: D

Reference: https://community.netapp.com/t5/Data-ONTAP-Discussions/Volume-takes-much-more-spacethan-expected/td-p/100619

QUESTION 6

You have inherited a small FC SN infrastructure that consists of 15 servers (hosts), two Cisco MDS 9148s

switches, and a 4-node NetApp AFF A300 cluster. You suspect that your predecessor did not configure
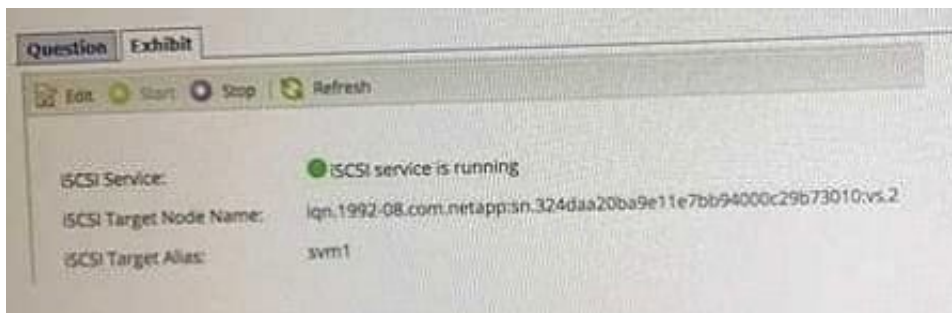
zoning according to best practices.

In this scenario, what information is necessary to audit your SAN zoning? (Choose two.)

A. SVM WWNNs

B. SVN LIF WWPNs

C. Controller port WWPNs

D. Host GBA WWPNs

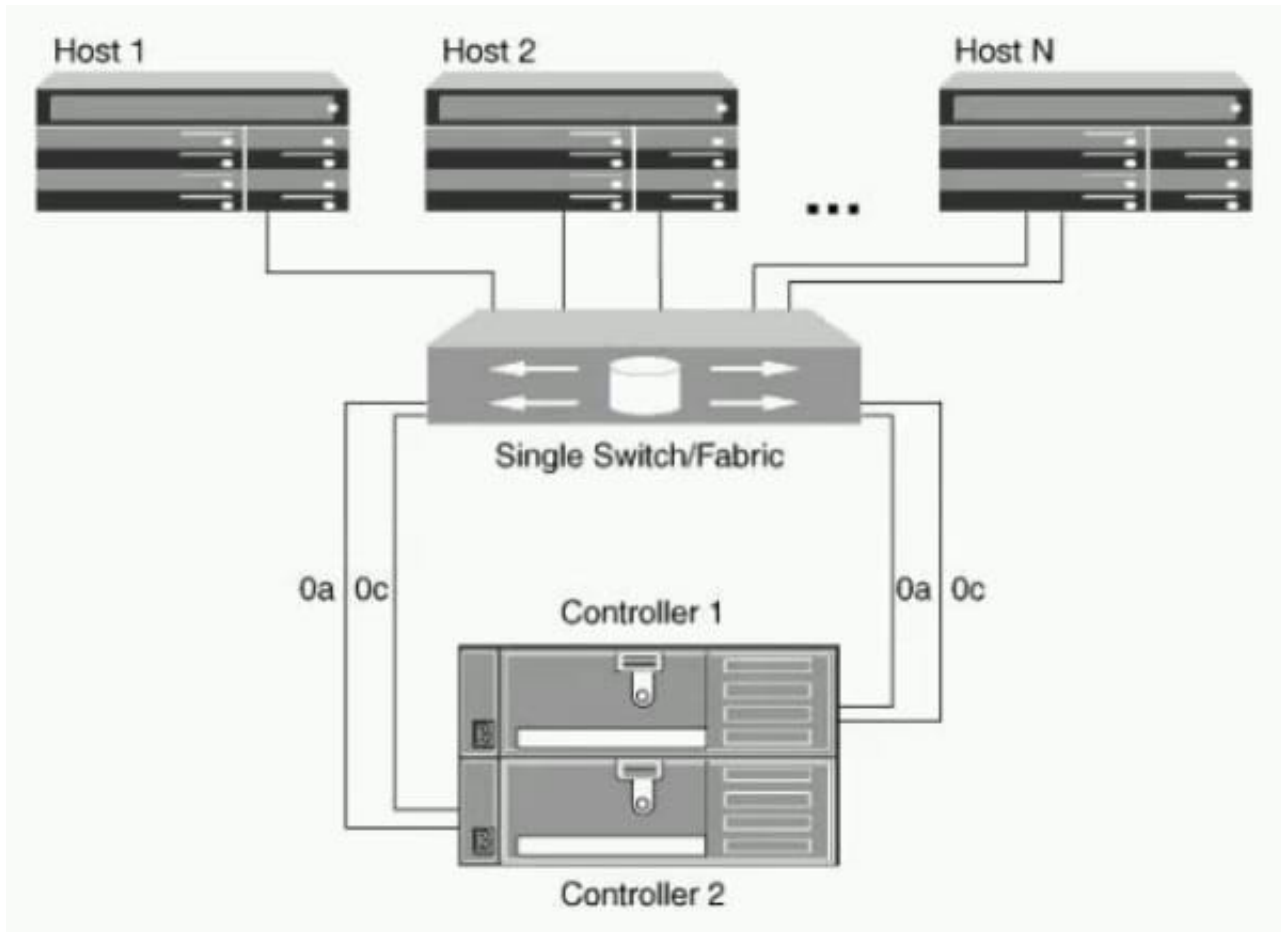Correct Answer: BD

QUESTION 7

Exhibit.

You are asked to change the iSCSI Target Node Name of an SVM named SVM1 that is serving data. Referring to the exhibit, which two statements are correct? (Choose two.)

A. Reconnect all the IUNs alter renaming the target node.

B. Disable Selective LUN Mapping (SIM) and create port sets.

C. Unmap and re-map the LUNs.

D. Stop and start the iSCSI service.

Correct Answer: CD

QUESTION 8

Click the Exhibit button.

You have a 2-node cluster in a single-fabric SAN. Host 1 and Host 2 are part of a VMware cluster and access the same LUNs that reside in your NetApp storage.

Referring to the exhibit, what would be a way to test whether the multipathing is properly configured in your environment?

A. Verify whether all destination storage target ports are contained in the same zone as Host 1.

B. Administratively set ports 0a and 0c on Controller 1 to the offline setting.

C. Power off the SAN switch.

D. Disconnect Host 1 port and verify whether Host 2 is still able to run the VMs.

Correct Answer: B

QUESTION 9

An administrator has a new AFF A220 system with two DS224C disk shelves and wants to validate if the shelf cabling is correct.

Which resource would be used to accomplish this task?

A. Config Advisor

B. OnCommand Unified Manager (OCUM)

C. OneCollect

D. Interoperability Matrix Tool (IMT)

Correct Answer: A

Reference: https://library.netapp.com/ecm/ecm_download_file/ECMLP2842667

QUESTION 10

An administrator wants to implement FCoE for connectivity of an AFF A200 using VLAN 3011 for fabric traffic across VSAN 11. When configuring the Nexus switches for FCoE connectivity, which two actions are required? (Choose two.)

A. Create a new virtual FC interface and bind the physical interface to it.

B. Add the virtual interface to the VSAN.

C. Create a port channel and add all of the physical network ports that will have FCoE LIFs.

D. Add the adapter MAC address to the network port configuration where the node is connected.

Correct Answer: BC

QUESTION 11

After the addition of extra DS224C disk shelves, you notice that the output of the system node run -node node_1 sysconfig command shows Mixed-path. You need to investigate why the additional shelves are providing this error.

In this scenario, which two tools would help diagnose this issue? (Choose two.)

A. Config Advisor

B. Active IQ

C. Hardware Universe (HWU)

D. Interoperability Matrix Tool (IMT)

Correct Answer: AD

QUESTION 12

You deployed a new SVM for FC access, and you used the vserver fcr, create -vserver svm1 - statusadmin up command to enable FC service on the SVM. You then created the LIFs for the FC protocol. When you review the status of the LIFs, they show that the admin status is up, but the operational status is down. You have already verified that the ports are physically connected.

In this scenario, what is the next step to bring the LIFs up?

A. Use the network interface modify command to change the operational status of the LIFs.

B. Create at least one zone that contains your SVM LIF WWPNs and an initiator.

C. Verify that an FC license is applied on your system.

D. Disable the SAN switch port where your NetApp storage is connected.

Correct Answer: B

QUESTION 13

A customer\\'s NetApp infrastructure is reaching end-of-life (EOL), and they want to inventory their NetApp cluster. The customer wants to make sure that the proposed technical refresh satisfies their growing data demands.

Which two tools would you use to help with this recommendation? (Choose two.)

A. Upgrade Advisor

B. OneCollect

C. Config Advisor

D. Active IQ

Correct Answer: AC

QUESTION 14

You have a 4-node cluster with a FAS8200 HA pair and an AFF A300 HA pair. You need to migrate a LUN from a FAS8200 node to an AFF A300 node for faster performance. Which method will non-disruptively migrate the LUN to the AFF A300 while retaining snapshots of the LUN on the FAS8200?

A. You move the LUN.

B. You relocate the aggregate.

C. You move the volume.

D. You copy the LUN.

Correct Answer: D

QUESTION 15

Exhibit.

Referring to the exhibit, what is the total amount of space that is guaranteed for the LUNs in the /vo1/vo1_sanlunsiprod_03 volume?

A. 0 GB

B. 300 GB

C. 600 GB

D. 2600 GB

Correct Answer: A

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