

# Network-Appliance

## Exam Questions NS0-592

NetApp Certified Support Engineer - ONTAP Specialist



**NEW QUESTION 1**

A customer reports that one their SVMs has two default gateways. The customer wants to know whether this behavior is expected or if one of gateways should be deleted.

In this scenario, what do you tell the customer?

- A. The configuration is acceptable if the customer configures different metrics on all defaults routes.
- B. The configuration is acceptable only if both default gateways are in the same subnet.
- C. This situation is a misconfiguration, and the customer should delete one of the default gateways because there can be only gateway for each SVM.
- D. The configuration is acceptabl
- E. The customer can achieve load balancing between the default gateways by setting the same metric on all default routes.

**Answer:** A

**NEW QUESTION 2**

Click the exhibit button.

```
cluster1::> -vserver VSEXX -igroup esx8
igroup show
Vserver Name: VSEXX
Igroup Name: esx8
Protocol: fcp
OS Type: vmware
Portset Binding -
Igroup:
Igroup UUID 27da5172-7b8f-11e2-bbf9-123478563412
ALUA: true
Initiators 20:00:00:25:b5:01:a0:08 (logged in)
            20:00:00:25:b5:01:a0:11 (not logged in)
            20:00:00:25:b5:01:a0:08 (logged in)
            20:00:00:25:b5:01:a0:11 (not logged in)
```

A customer has an FC SAN with brocade switches. Each server attached to the SAN gas four FC ports. The customer describes that one of their servers has only four paths to the LUNs configured on the cluster. There should be eight paths on all the other servers. The switch administrator has verified the zone configuration. Referring to the exhibit, which two actions would you perform to troubleshoot the problem? (Choose two.)

- A. Review the LIF configuration on the cluster.
- B. Review the driver version on the server.
- C. Review that the host side FC link ports are enabled.
- D. Review the igroup configuration on the cluster.

**Answer:** AB

**NEW QUESTION 3**

Your customer added a new DS2246 shelf to an existing stack on their FAS8060A system. The customer then noticed that the new shelf's disks appear with the shelf serial number instead of the shelf ID in the sysconfig -r command output. What is the reason for this problem?

- A. The SAS is cabled incorrectly.
- B. There is failed IOM module in the new shelf.
- C. The ACP is cabled incorrectly.
- D. The new shelf has the same ID as another shelf.

**Answer:** A

**NEW QUESTION 4**

Two weeks ago, your customer experienced a data outage, which caused their MCC to switch over. When the power was restored, they found that 14 disks over three RAID groups had failed, which caused two data aggregates to lose their mirror plexes.

In this situation, before you perform a switchback, which three actions should be taken? (Choose three.)

- A. Delete the failed plexes.
- B. Initiate the aggregate healing phases.
- C. Adjust bridge configuration for the replaced disks.
- D. Mirror the unmirrored aggregates
- E. Assign all disks on the remote site to the surviving nodes.

**Answer:** BCD

**NEW QUESTION 5**

Click the exhibit button.

```
cluster01::> broadcast-domain show -bdroadcast-domain Storage
```

IPspace Name	Broadcast Domain Name	MTU	Port List	Update Status	Details
Default	Storage	1500	cluster01-04:a0a-40 cluster01-04:eOM cluster01-05:a0a-40 cluster01-05:eOM cluster01-06:a0a-40 cluster01-06:eOM cluster01-03:a0a-40 cluster01-03:eOM	complete complete complete complete complete complete complete complete	

A customer notifies you that Active IQ is showing a warning that a broadcast domain in their environment has been configured with ports from multiple VLANs. Referring to the exhibit, which two statements are correct? (Choose two.)

- A. You should move the eOM ports to a Broadcast Domain that is dedicated to only management traffic.
- B. A VLAN tag cannot be assigned to the eOM port, so the configuration is acceptable.
- C. You should configure eOM so that is tagged on VLAN 40.
- D. You should change the LIF service policy to net-intercluster to prevent the LIFs from failing over to the eOM ports.

**Answer:** CD

#### NEW QUESTION 6

You are investigating a CIFS issue at a customer site, but it is unclear which SMB version is being used between the client and the server. The customer has provided you with a packet trace output.

In this scenario, which packet exchange contains information to indicate which SMB version was agreed upon by the client and the server?

- A. Ioctl1 Request FSCTL\_DFS\_GET\_REFERRALSIoctl1 Response FSCTL\_DFS\_GET\_REFERRALS
- B. Session Setup Request Session Setup Response
- C. Negotiate Protocol RequestNegotiate Protocol Response
- D. Tree Connect Request TreeTree Connect Request Response

**Answer:** D

#### NEW QUESTION 7

A customer reports that copying data over iSCSI attached LUNs is taking significantly longer than usual. The customer asks you to help to identify the root cause of this problem.

Which two perfstat sections would you use to accomplish this task? (Choose two.)

- A. stats lun
- B. lun stats -vserver
- C. statit
- D. stats volume

**Answer:** BC

#### NEW QUESTION 8

Which statement is correct about the wafiron command?

- A. The wafiron command is used to correct parity inconsistencies.
- B. The wafiron command is used to correct inconsistent WAFL metadata.
- C. The wafiron command is used to correct WAFL i2p inconsistencies.
- D. The wafiron command is used to correct inconsistent user data blocks.

**Answer:** B

#### NEW QUESTION 9

A customer calls you about a performance issue that they experienced over the past few days. They want to know if data collection and root cause analysis (RCA) is possible for this issue. This issue appears to be a one time event.

Which tool would be used to satisfy the customer's request?

- A. perfstat
- B. perfmon
- C. OneCollect
- D. Performance Archive

**Answer:** C

#### NEW QUESTION 10

Click the exhibit button.

----- SAS-EXPANDER-MAP -----

Expanders on channel 0a:

```
Level      1: WWN 500a098005f0ed3f,      ID 0, Serial Number ' SHJHU1527000148' , Product
'DS424IOM6E      ', Rev '0172', Slot A
Level      2: WWN 500a098005b053bf,      ID 1, Serial Number ' SHJHU1516001218' , Product
'DS224IOM6      ', Rev '0191', Slot A
Level      3: WWN 500a09800772e3bf,      ID 2, Serial Number ' SHJHU1653000119' , Product
'DS424IOM6      ', Rev '0191', Slot A
Level      4: WWN 500a098005af77bf,      ID 1, Serial Number  SHJHU1516001218' , Product
'DS224IOM6      ', Rev '0191', Slot B
Level      5: WWN 500a09800773b8bf,      ID 2, Serial Number ' SHJHU1653000119' , Product
'DS424IOM6      ', Rev '0191', Slot B
```

Expanders on channel 0b:

```
Level      1: WWN 500a09800773b8bf,      ID 2, Serial Number ' SHJHU1653000119' , Product
'DS424IOM6      ', Rev '0191', Slot B
Level      2: WWN 500a098005af77bf,      ID 1, Serial Number ' SHJHU1516001218' , Product
'DS224IOM6      ', Rev '0191', Slot B
Level      3: WWN 500a09800772e3bf,      ID 2, Serial Number ' SHJHU1653000119' , Product 'DS424IOM6 ', Rev '0191',
Level      4: WWN 500a098005b053bf,      ID 1, Serial Number '                               Slot A
Level      5: WWN 500a098005f0ed3f,      ID 0, Serial Number ' SHJHU1516001218' , Product 'DS224IOM6 ', Rev '0191',
                               Slot A
                               SHJHU1527000148' , Product 'DS424IOM6E ', Rev '0172',
                               Slot A
```

Your customer added a new DS4246 shelf to their FAS system. They created an aggregate on the new shelf. Two weeks later, they log in to Active IQ and discover the Medium Impact error shown below.

“Both SAS connections from one controller go to the same shelf.” Referring to the exhibit, which statement is correct?

- A. You are unable to obtain a “Cable Visualization” overview from Active IQ.
- B. A faulty cable is causing the problem.
- C. A faulty IOM is causing the problem.
- D. You can correct this problem without downtime on the FAS system.

**Answer: D**

#### NEW QUESTION 10

What is a major difference between NFSv3 and NFSv4.x?

- A. NFSv4.x is stateful, and NFSv3 is stateless.
- B. NFSv4.x requires an auxiliary protocol for status monitoring, and NFSv3 does not.
- C. NFSv4.x is stateless, and NFSv3 is stateful.
- D. NFSv4.x requires an auxiliary protocol for mounting, and NFSv3 does not.

**Answer: A**

#### NEW QUESTION 13

A field support engineer has just replaced the IOXM on NODE2 on a FAS8080 running ONTAP 9.1. After the replacement, the customer is unable to perform a giveback because the interconnect is down.

In this scenario, which statement is correct?

- A. Verify that there cross-links between the interconnects.
- B. Verify that the installed FC-VI cards are configured properly.
- C. Verify that the interconnect cables on the motherboard are connected correctly.
- D. Verify that the interconnect cables on the IOXM are connected correctly.

**Answer: D**

#### NEW QUESTION 18

Which two statements are true about a data volume? (Choose two.)

- A. A data volume can be accessed by a LIF on any node.
- B. A data volume can be moved to any aggregate with space for it in the cluster.
- C. A data volume can be accessed by a user connected to any SVM.
- D. An SVM root or root load sharing mirror volume must be present on every node.

**Answer: AB**

#### NEW QUESTION 19

The error message shown below is reported in the EMS log file.

“[sis.changelog.full:warning]: Change logging metafile on volume DATA1 is full and can not hold any more fingerprint entries.”

What are two ways to solve this problem? (Choose two.)

- A. Clear the changelog manually so that the operation can restart.
- B. Increase the size of the changelog to allow the operation to continue.
- C. Modify the storage efficiency policy so that deduplication runs more frequently.
- D. Modify the threshold that triggers a deduplication operation.

**Answer: BD**

#### NEW QUESTION 22

You configured iSCSI multipathing on a Windows host to a 2-node ONTAP cluster so that you can attach to some LUNs. You see that the host logging in to both iSCSI LIFs in the ONTAP cluster, and you notice that the igroup is correctly set. After you open Disk Management and rescan for disks, the NetApp LUNs do not show up.

In this scenario, what should be performed to enable the LUNs to be visible to the Windows host?

- A. Set up LUN mapping and try scanning again.
- B. Configure the SVM for FCP and try scanning again.
- C. Set up Selective LUN Mapping (SLM) and try scanning again.
- D. Configure the ONTAP nodes for HA and try scanning again.

**Answer: C**

#### NEW QUESTION 24

A customer called you after a failure in their Microsoft Hyper-V environment on the “SVM1” SVM. The customer wants to enable nondisruptive operations (NDO) to prevent future failures.

In this scenario, which two actions must be performed? (Choose two.)

- A. Verify that the continuously-available option is set on the CIFS share.
- B. Verify that SMB2 is enabled.
- C. Verify that SMB3 is enabled.
- D. Verify that the branchcache option is set on the CIFS share.

**Answer: AB**

#### NEW QUESTION 25

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