

NS0-509^{Q&As}

NetApp Certified Implementation Engineer - SAN - ONTAP

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QUESTION 1

Exhibit.

```
switch-01# show feature
```

Feature Name	Instance	State
Flexlink	1	disabled
ant	1	disabled
bgp	1	disabled
cts	1	disabled
dhcp	1	disabled
dot1x	1	disabled
eigrp	1	disabled
eigrp	2	disabled
eigrp	3	disabled
eigrp	4	disabled
eth_port_sec	1	disabled
fabric-binding	1	disabled
fc-port-security	1	disabled
fcoe	1	enabled
fcoe-npv	1	disabled
fcsp	1	disabled
fex	1	disabled
fport-channel-trunk	1	enabled
glbp	1	disabled
harp_engine	1	disabled
http-server	1	disabled
interface-vlan	1	disabled
lACP	1	disabled
ldap	1	disabled
lldp	1	enabled
msdp	1	disabled
nvx	1	disabled
npv	1	disabled
oim	1	disabled
ospf	1	disabled

You are working on a project to install a new AFF A300 storage array. You use a pair of Nexus 3596 switches for FC connectivity between your VMware ESXi servers and the AFF A300. Which SAN switch feature must be enabled to accomplish this task?

- A. N_Port ID visualization (NP1V)
- B. Open Shortest Path First (OSPF)
- C. Link Aggregation Control Protocol (LACP)
- D. N_Port Visualization (NPV)

Correct Answer: A

QUESTION 2

Click the Exhibit button.

Question

Exhibit

```

STL-CL02::> igroup show -fields igroup, protocol, ostype, portset
Vserver      igroup      Protocol  ostype  portset
-----
svml         ps2          fcp      windows ps2

STL-CL02::> lun portset show
Vserver      Portset      Protocol  Port Names      Igroups
-----
svml         ps2          fcp      lif_node01_of, lif_node01_0g, lif_node02_of,
lif_node02_0g, lif_node03_of, lif_node03_0g, lif_node04_of, lif_node04_0g
                                                ps2

1 entries were displayed.

Zone Name Zone Member(s)
node01_of_0g 10:00:00:00:c9:b8:9d:2c 50:0a:09:81:98:7a:91:7b 50:0a:09:8a:88:7a:91:7b
node02_of_0g 10:00:00:00:c9:b8:9d:2c 50:0a:09:82:98:7a:91:7b 50:0a:09:8b:88:7a:91:7b
node03_of_0g 10:00:00:00:c9:b8:9d:2c 50:0a:09:83:98:7a:91:7b 50:0a:09:8c:88:7a:91:7b
node04_of_0g 10:00:00:00:c9:b8:9d:2c 50:0a:09:84:98:7a:91:7b 50:0a:09:8d:88:7a:91:7b
node05_of_0g 10:00:00:00:c9:b8:8c:63 50:0a:09:85:88:7a:91:7b 50:0a:09:8e:88:7a:91:7b
node06_of_0g 10:00:00:00:c9:b8:8c:64 50:0a:09:86:88:7a:91:7b 50:0a:09:8f:88:7a:91:7b
    
```

A 4-node cluster was expanded with two news nodes (Nodes 5 and 6). You are now attempting to set up four FC LUNs on the two new nodes that use the ps2 igroup name, although FC ping works. LUNs on the previous four nodes are discoverable, but the four new LUNs on the new controllers are not discoverable.

Referring to the exhibit, what is the problem?

- A. The zones between the hosts and LIFs are from node-05 and node-06.
- B. Selective LUN Mapping (SLM) is not configured for this HA pair.
- C. The portset must be configured to reflect Nodes 5 and 6.
- D. Igroup ps2 has the portset configured with the LIFs.

Correct Answer: C

QUESTION 3

A4-node ONTAP FAS9000 cluster was used to serve I/O from six RedHat 7.3 servers. The servers were configured with maximum, queue depth.

For production purposes, an additional 60 similarly configured hosts were added to the environment. Later, the hosts started reporting random QFull errors, and the aggregated performance degraded. Which two solutions would alleviate the QFull errors and performance problems? (Choose two.)

- A. Remove Selective LUN Mapping (SIM) from the 4-node FAS9000 cluster.
- B. Download the latest FC HBA driver, firmware, and BIOS, and deploy them on the hosts.
- C. Configure and use additional FC target HBAs in the FAS9000 cluster.
- D. Reduce FC HBA queue depth on the hosts.

Correct Answer: CD

QUESTION 4

Which three components are required for NetApp iSCSI LUN access on Linux servers? (Choose three.)

- A. device-mapper-multipath
- B. NetApp SnapDrive
- C. scsi-target-utils
- D. iscsi-initiator-utils
- E. NetApp Host Utilities

Correct Answer: ACE

QUESTION 5

A customer that is using an AFF A220 has a problem with a host for a new FC LUN. Other LUNs on the same SVM are working properly. This LUN is not visible on the host.

Which configuration does the customer need to verify in their solution?

- A. LUN mapping with igroup
- B. host HBA speed settings
- C. FC target port setting on NetApp node
- D. FC switch zoning

Correct Answer: C

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