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Vendor:NetApp

Exam Code:NS0-506

Exam Name:NetApp Certified Implementation
Engineer - SAN, Clustered Data ONTAP

Version:Demo

QUESTION 1

What is a NetApp-recommended zoning best practice?

- A. Switch port zoning should always be employed.
- B. WWNN zoning is required.
- C. Single-initiator zoning is recommended.
- D. Zones can overlap.

Correct Answer: C

QUESTION 2

A company has a 4-node Data ONTAP cluster called cl01. The administrator attempts to create a volume on svm1 and can only select aggregates that are owned by node cl01-01 or cl01-02.

What is causing the problem?

- A. The SVM peering relationship has not been configured with the cl01-03 and cl01-04 HA pair.
- B. The storage virtual machine is not configured to use nodes cl01-03 or cl01-04.
- C. No LIFs have been created on nodes cl01-03 or cl01-04.
- D. Volume creation delegation is not configured to allow use of cl01-03 or cl01-04 owned aggregates.

Correct Answer: B

QUESTION 3

A customer has recently deployed a clustered Data ONTAP 8.3 system and is trying to mount LUNs to a Windows 2012 Server using the iSCSI protocol. They are using Cisco Nexus 5548 network switches and the network administrator has informed the storage administrator that the ports are set to switchport mode trunk. The storage administrator has also been informed that the host and storage should be using VLAN 400 for iSCSI traffic. When the storage administrator attempts to add the SVM as an iSCSI target, it fails to connect.

What is causing the problem?

- A. The storage administrator has not enabled VLAN tagging on the storage ports.
- B. Clustered Data ONTAP 8.3 does not support the iSCSI protocol on a VLAN tagged interface.
- C. Windows 2012 Server does not support the iSCSI protocol on a VLAN tagged interface.
- D. Clustered Data ONTAP 8.3 does not support running iSCSI on a VLAN ID below 1024.

Correct Answer: A

QUESTION 4

You have a 4-node FAS8040 cluster licensed for FCP and iSCSI. Each node has both FC and iSCSI LIFs. One of your Windows 2012 Servers has a single 8Gb FC port and a single 10 Gb Ethernet port with switched connectivity to the FC and Ethernet ports on the cluster. You need to use both ports on the host for multipath access to a LUN on the NetApp cluster.

What will accomplish this task?

- A. NetApp Data ONTAP DSM for Windows MPIO
- B. FCoE HBA
- C. iSCSI HBA
- D. native Windows MPIO

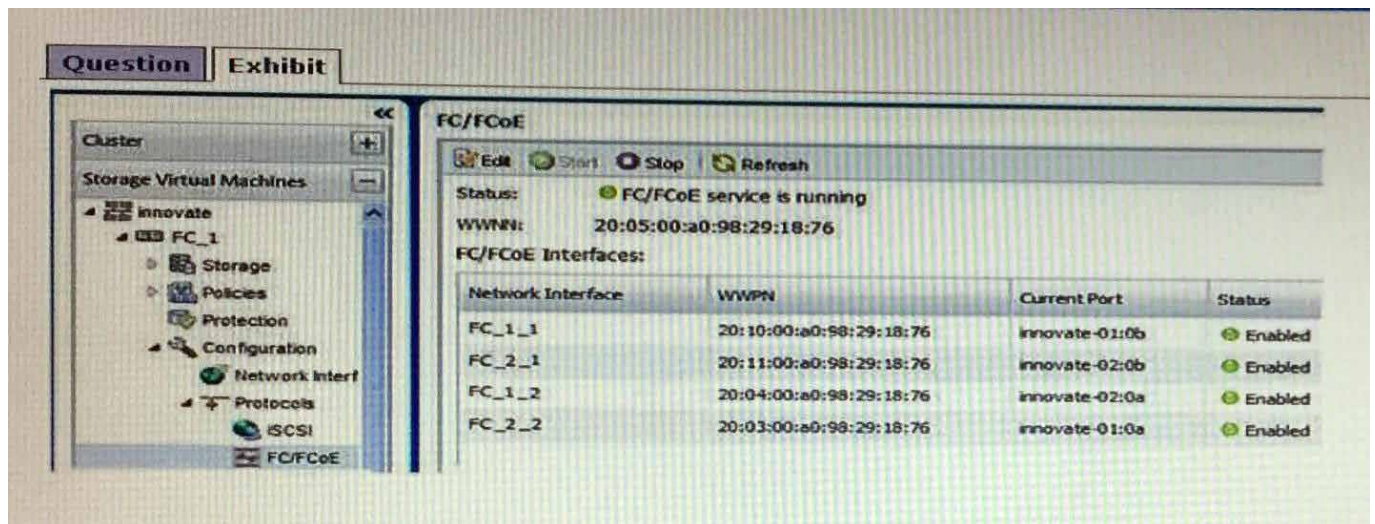
Correct Answer: A

QUESTION 5

Click the Exhibit button.

Referring to the exhibit, which entry is appropriate to add to a zone on the FC switch?

Exhibit:



- A. 20:05:00:a0:98:29:18:76
- B. 20:10:00:a0:98:29:18:76
- C. 20:14:00:a0:98:29:18:76
- D. 50:10:00:a0:98:29:18:76

Correct Answer: A

QUESTION 6

You are troubleshooting a node that had a core dump. The HA partner took over and you successfully performed a giveback. You need to get access to the core files.

Which two locations will give you access? (Choose two.)

- A. /mroot/etc/crash
- B. https:///spi/
- C. https://
- D. /mroot/etc/log

Correct Answer: A

QUESTION 7

Which three environmental or physical requirements need to be met when designing a SAN solution? (Choose three.)

- A. rack space
- B. cooling
- C. clustered Data ONTAP version
- D. IOPS
- E. power

Correct Answer: ACD

QUESTION 8

Exhibit

```
cl01::> net int show -vserver svm1 (network interface show) Logical Status Network Current Current Is Vserver Interface
Admin/Oper Address/Mask Node Port Home
```

```
svm1 fc_lif1 up/up 20:0b:00:a0:98:4e:ba:14 cl01-01 3a true fc_lif2 up/up 20:0c:00:a0:98:4e:ba:14 cl01-02 3a true lif1
up/up 172.16.21.31/24 cl01-01 a0a true
```

```
lif2 up/up 172.16.21.32/24 cl01-02 a0a true 4 entries were displayed. cl01::>
```

Referring to the exhibit, a customer needs to move LIF "fc_lif1" to a new port.

Which three actions must be performed to accomplish this task? (Choose three.)

- A. Remove LIF from the existing portset.
- B. Quiesce all hosts accessing LUNs over the LIF.
- C. Take the LIF offline.
- D. Update the switch zone to include the new WWPN.
- E. Move the LIF to a new home port using the network interfacemodify command.

Correct Answer: CDE

QUESTION 9

You configure space-reserved LUNs on thick-provisioned volumes, and you want to guarantee overwrites. How would you accomplish this task?

- A. Set the fractional reserve to 0%.
- B. Enable space allocation.
- C. Set the fractional reserve to 100%.
- D. Disable the fractional reserve.

Correct Answer: A

QUESTION 10

You want to prevent an FCoE frame from being split into two Ethernet frames.

What is the minimum required frame size that will satisfy this requirement?

- A. 9216
- B. 2240
- C. 1512
- D. 9000

Correct Answer: B

QUESTION 11

A volume with a single LUN shows 30% deduplication savings. However, the output of df on the cluster does not show the 30% savings back to the volume or aggregate.

What is causing this behavior?

- A. Volume space guarantee is set to none.

- B. Volume space guarantee is set to volume.
- C. LUN space reserve is disabled.
- D. LUN space reserve is enabled.

Correct Answer: A

QUESTION 12

After mapping the LUN on the cluster, you are not able to see in on the Windows 2012 host.

```
cl01::>igroup show -instance Vserver Name: svm1 Igroup Name: ig1-win Protocol: iscsi OS Type: Windows Portset Binding Igroup: Igroup UUID: 358338ba-cfd611df-a9ab-123478563412 Initiators: iqn.199105.com.microsoft: host1 (not logged in)
```

Referring to the exhibit, what is the problem?

- A. An administrator is not logged into the host.
- B. The iSCSI target has not been added to the host.
- C. The OS type should be windows_2008.
- D. The OS type should be windows_gpt.

Correct Answer: B