Vendor: Network Appliance

Exam Code: NS0-507

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

Version: DEMO

QUESTION 1
You are performing storage failover testing on a 2-node FAS2650 cluster named cl01.
A Windows Server 2012R2 host has 10 FC LUNs mapped from the cluster.
After Cl01-01 takes over Cl01-02, the windows host loses access to all of its LUNs.
Which statement describes what is happening in this scenario?

A. Switch zoning does not exist between the windows initiators and the Cl01-02 targets
B. NPIV is not enabled on the cluster
C. Switch zoning does not exist between the windows initiators and the Cl01-01
D. NPIV is not enabled on the FC switches

Answer: A

QUESTION 2
What are three considerations when creating a physical reference diagram of an FC SAN?
(Choose three.)

A. Hardware is compatible
B. FC SAN zoning is available
C. Power connectivity is available
D. FC port connectivity is available
E. FC switches are available

Answer: BDE

QUESTION 3
A LUN copy has been created by using the lun copy command.
To allow the copy to be seen on the same host, what would you do?

A. Create a new portset.
B. Map the LUN to the same igroup.
C. Change the serial number of the copied LUN.
D. Configure SLM on the new node.

Answer: D

QUESTION 4
A customer has 1 TB volume with space guarantee set to volume. Two 100 GBs LUNs are
created in the volume with LUN reservation enabled and no snapshot copies exist.
In this scenario, how much space will be shown as used in the volume?

A. 0 GB
B. 200 GB
C. 400 GB
D. 100 GB

Answer: B

QUESTION 5

Referring to the exhibit, which zones use only World Wide Port Name Zoning?

```
switch:admin> cfgshow
     Defined configuration: DefZone1

Effective configuration.
No effective configuration: (No Access)
bawn 3,5; 4,8
bond 10:00:05:1e:a9:20:00:01; 3,5
brain 11,4; 22,1; 33,6
jake 4,7; 8,9; 14,11
jeff 20:00:00:05:1e:a1:cd:02; 20:00:00:02:1e:a1:cd:04
jones 7,3; 4,5
zeus 4,7; 6,8;9,2
```

A. Bond
B. Jeff
C. Jake
D. Zeus

Answer: D

QUESTION 6
A new server has been installed in your environment, but it is unable to see its NetApp boot LUN.
You have narrowed the problem down to the zoning on your Cisco switch which has the following
configuration:

```
zone name z_NetAppvsan 400
memberpwwn 20:00:00:25: B5: C0:ff:ee
memberpwwn 50:0a:09:84:8d:7c:51: D5
zoneset name zs_NetAppvsan 400
memberz_NetApp
zoneset activate name zs_NetAppvsan 400
```

What is the problem with your zoning configuration?

A. The member does not reference the VSAN.
B. The zone and zoneset names do not match.
C. The zoneset was improperly activated.
D. The PWWN for your NetApp LIF is incorrect.

Answer: A

QUESTION 7
Referring to the volume v_iscsi_exch01 shown in the exhibit, which two LUN combinations can
you create? (Choose two.)

```
c101::> vol show -vserver svml -volume v_iscsi_exch01

                                    Vserver Name: svml
                                     Volume Name: v_iscsi_exch01
                                  Aggregate Name: a1_c101_sas
                                     Volume Size: 5GB
                                    Volume State: online
                                    Volume Style: flex
                                  Available Size: 4.75GB
                                 Filesystem Size: 5GB
                                       Used Size: 144KB
                                 Used Percentage: 5%
                Volume Nearly Full Threshold Percent: 95%
                       Volume Full Threshold Percent: 98%
              Maximum Autosize (for flexvols only): 6GB
        (DEPRECATED) Autosize Increment (for flexvols only): 256MB
                              Minimum Autosize: 5GB
                   Autosize Grow Threshold Percent: 85%
                 Autosize Shrink Threshold Percent: 50%
                                   Autosize Mode: off
              Autosize Enabled (for flexvols only): false
                            Space Guarantee Style: volume
                         Space Guarantee in Effect: true
                  Space Reserved for Snapshot Copies: 5%
                           Snapshot Reserve Used: 0%
                                 Snapshot Policy: none
                                       Node name: c101-01
                               Fractional Reserve: 100%
              Primary Space Management Strategy: volume_grow
                         Total Physical Used Size: 144KB
                           Physical Used Percentage: 0%
```

A. Five LUNS, each LUN 3GB in size, with the LUN option space-reserve set to enabled
B. Three LUNS, each LUN 5GB in size, with the LUN option space-reserve set to enabled
C. Two LUNS, each LUN 5GB in size, with the LUN option space-reserve set to disabled
D. Four LUNS, each LUN 1GB in size, with the LUN option space-reserve set to enabled

Answer: CD

QUESTION 8
To provide host connectivity for both SAN and NAS protocols, which combination is valid?

A. UTA2 configured as FC connected to an FCoE-enabled switch with CNAs in the host
B. UTA2 configured as FCoE connected to a FCoE-enabled switch with FC HBAs in the host
C. UTA2 configured as 10Gb Ethernet connected to an Ethernet switch with CNAs in the host
D. UTA2 connected to an FCoE-enabled switch with CNAs in the host

Answer: D

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