

Netapp

Exam NS0-506

**NetApp Certified Implementation Engineer - SAN, Clustered Data
ONTAP**

Version: 6.0

[Total Questions: 65]

Question No : 1

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.

Answer: A

Question No : 2

You are planning to move to a newer clustered Data ONTAP version.

Which two resources should you review prior to the move? (Choose two.)

- A. Software Setup Guide
- B. IMT
- C. Upgrade Advisor
- D. System Administration Guide for Cluster Administrators

Answer: B,C

Reference: <https://library.netapp.com/ecmdocs/ECMP1368868/html/GUID-9194A9CF-F7F8-48B5-82B0-D494D3D64105.html>

Question No : 3

You are troubleshooting a node that had a core dump. The HA partner tookover 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://<cluster-mgmt-LIF>/spi/`

- C. `https://<cluster-mgmt-LIF>`
- D. `/mroot/etc/log`

Answer: A

Reference:<https://library.netapp.com/ecmdocs/ECMP1155684/html/GUID-BDFE73DB-A1E1-4B1B-96D1-CF2A04DA0AF8.html>

Question No : 4

You have a large, heterogeneous SAN environment. You are asked to gather information for all hosts, HBAs, switches, and storage. You are also told that you must collect this information over network protocols without agents.

Which two NetApp tools allow you to perform this task? (Choose two.)

- A. OnCommand Insight
- B. OnCommand Report
- C. OnCommand Unified Manager
- D. nSANity

Answer: B

Question No : 5

Which command enables the FC protocol on clustered Data ONTAP?

- A. `vserverpolicy enable -vserver<node_name> -policy -name <policy_name> -sequence- number <seq_num>`
- B. `vserverfc create -vserver<vserver_name> -status -adain up`
- C. `node run node <node_name>fcadmincongig -e`
- D. `vserveriscsi create -vserver<vserver_name> -target -alias <vserver_name>`

Answer: B

Reference:<https://library.netapp.com/ecmdocs/ECMP1196817/html/vserver/fcp/create.html>

Question No : 6

Which information-gathering command should you use to gather logs for troubleshooting switch information for your Brocade switches?

- A. cfgshow
- B. fabricshow
- C. configshow
- D. supportsave

Answer: B

Question No : 7

What is a NetApp-recommended zoning best practice?

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

Answer: C

Question No : 8

You are creating a logical diagram for an FCP SAN solution.

You need to show connectivity between which three sets of components? (Choose three.)

- A. management port and ACP cabling
- B. inter-cluster network ports and hosts
- C. hosts and FCP switches
- D. hosts and FCoE switches
- E. FCP switches and storage controller

Answer: B,D,E

Question No : 9

A customer has a clustered Data ONTAP solution and needs to connect several Windows 2012 servers using iSCSI for LUN access.

Before the LUN can be seen, what must be configured on the host?

- A. the LUN partitioning
- B. the Host Utilities Kit
- C. the iSCSI software initiator
- D. the HBA queue depth

Answer: B

Question No : 10

On a Windows 2012 Server, the FC load balance policy is configured using which two utilities? (Choose two.)

- A. NetApp OnCommand System Manager
- B. Data ONTAP DSM for Windows MPIO
- C. Windows MPIO
- D. Unified Host Utilities

Answer: B,D

Reference:<https://library.netapp.com/ecmdocs/ECMP1656700/html/GUID-243B543E-070F-46E9-9636-6CF8B91EEB82.html>

Question No : 11

An administrator wants to provide isolation among physical devices connected to the same FCP fabric. Which Cisco switch feature accomplishes this task?

- A. VSAN
- B. FSIP
- C. LUN masking
- D. logical domains

Answer: A

Explanation: VSANs provide the following capabilities:

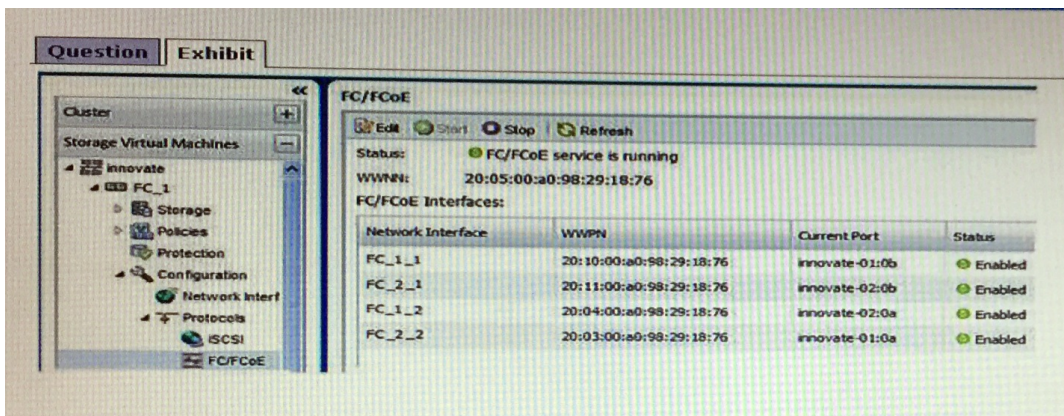
- Isolate devices physically connected to the same fabric.

Reference:http://www.cisco.com/en/US/products/ps5989/prod_troubleshooting_guide_chapter09186a008067a306.html

Question No : 12

Click the Exhibit button.

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



- 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

Answer: A

Question No : 13

On a FAS8040, which port is used for FCoE connections?

- A. e0M
- B. e0P
- C. 0a
- D. e0h

Answer: D

Question No : 14

Click the Exhibit button.

A storage administrator has the configuration shown in the exhibit.

In which scenario would a volume move be successful?

```
cl01::>vserver show -vserver
```

```
svm1
```

```
Vserver: svm1
```

```
Vserver Type: data
```

```
Vserver UUID: 1630b8eb-c2a6-
```

```
11e4-a7dd-123478563865
```

```
Root Volume: svm1_root
```

```
Aggregate: Node1_aggr1,
```

```
Node2_aggr1
```

```
Name Service Switch: file,
```

```
nis
```

```
Allowed Protocols: fcp
```

```
Disallowed Protocols: nfs,
```

```
cifs, iscsi, ndmp
```

```
Is Vserver with Infinite
```

```
Volume: false
```

```
QoS Policy Group: -
```

```
cl01::>vserver show -vserver
```

```
svm2
```

Vserver Type: data

Vserver UUID: 1630b8eb-c2a6-

11e4-a7dd-123478563412

Root Volume: svm2_root

Aggregate: Node1_aggr1,

Node2_aggr1, Node1_aggr2

Name Service Switch: file,

nis

Allowed Protocols: fcp

Disallowed Protocols: nfs,

cifs, iscsi, ndmp

Is Vserver with Infinite

Volume: false

QoS Policy Group: -

cl01::>

- A. from svm1 aggregate Node1_aggr1 to svm1 aggregate Node2_aggr1
- B. from svm1 aggregate Node1_aggr1 to svm2 aggregate Node1_aggr2
- C. from svm2 aggregate Node1_aggr1 to svm2 aggregate Node1_aggr2
- D. from svm1 aggregate Node1_aggr1 to svm1 aggregate Node1_aggr2

Answer: A

Question No : 15

Microsoft ODX supports which scenario on clustered Data ONTAP 8.3?

- A. moving a VHDX with both SMB 3.0 and SAN protocols as either source or destination
- B. moving a VHDX from an SMB 3.0 source to an SMB 3.0 destination with no SAN support
- C. moving a VHDX from a SAN LUN source to a SAN LUN destination with no SMB