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QUESTION 1

What network information is required to set up any Cisco switches attached to a clustered Data ONTAP system? (Choose two.)

- A. All management ports configured for e0d or the service port (wrench icon) are required.
- B. VLAN tags for each interface are required.
- C. Host names and IP addresses for each of the controllers and configured switches are required.
- D. The appropriate number and type of cables and cable connectors for your switches are required.

Correct Answer: CD

Explanation: C: You need the following network information for all switch configurations: *Two or more IP subnet addresses for cluster network and management network traffic

*

Host names and IP addresses for each of the controllers and all applicable switches

*

Management network port assignments for your controller

D: To configure your cluster, you need the appropriate number and type of cables and cable connectors for your switches. Depending on the type of switch you are initially configuring, you need to connect to the switch console port with the included console cable.

Reference: Clustered Switch Setup Guide for Cisco Switches, page 8

https://library.netapp.com/ecm/ecm_download_file/ECMP1115327

QUESTION 2

You are asked to install a 6-node cluster of FAS8080 controllers. The installation has been completed and Config Advisor shows no warnings or errors. The customer can ping and access the controller.

Which statement is true in this scenario?

- A. This installation has not been completed successfully until you have confirmed that SSH is enabled.
- B. This installation has not been completed successfully until the customer and NetApp Support have received a minimum of three AutoSupport messages.
- C. This installation has been completed successfully only if you have confirmed that the configuration is correct.
- D. This installation has been completed successfully, because Config Advisor would identify the missing configuration.

Correct Answer: C

Explanation: Config Advisor is a configuration validation and health check tool. It is used to check for common



configuration errors. You can use the Config Advisor tool to verify that the cluster is cabled correctly. After Config Advisor indicates that no errors is found, you must complete protocol configuration and verify cluster setup.

Reference: Clustered Data ONTAP 8.3, Express Setup Guide for 80xx Systems, page 33

QUESTION 3

Click the Exhibit button.

```
clustered-ONTAP: :> vserver show
Admin Root Name Name
Vserver Type State Volume Aggregate Service Mapping

CIFS data running rootvol aggr1_n1 file file
clustered-ONTAP
admin - - - - -
clustered-ONTAP-01
node - - - - -
clustered-ONTAP-02
node - - - - -
iSCSI data running rootvol aggr1_n1 file file
5 entries were displayed.

clustered-ONTAP: :> vserver services web modify -vserver CIFS -name spi -ena
Error: command failed: entry doesn't exist
```

Customer wants to modify the properties of their SPI Web services as shown in the exhibit. What is the reason for the error?

- A. The customer is trying to modify a service by specifying the wrong type of SVM (Vserver).
- B. The customer is trying to modify a service that does not exist.
- C. The customer is trying to modify a service by specifying the wrong service name.
- D. The customer is trying to modify a service by specifying incomplete parameters.

Correct Answer: C

QUESTION 4

You want to create a data volume on aggr0 and you receive a message with the following warning:

```
Warning: You are about to create a volume on a root aggregate. This may cause severe performance or stability problems and therefore is not recommended. Do you want to proceed?\\'
```

What is the reason for this severe performance or stability problem?

- A. Controller failover and storage failover are separate processes that must occur in parallel, otherwise problems will arise.



- B. The performance load generated by the data volume can be very strong, so it should not be shared with vol0 on aggr0, requiring a separate aggregate for it.
- C. The performance load generated by the vol0 cannot be shared with any other volume on aggr0, requiring a dedicated aggregate for it.
- D. Controller failover and storage failover are separate processes that must occur at different times, otherwise problems will arise.

Correct Answer: B

Explanation: One possibly cause is Disk I/O contention on the data volume.

The root volume in Cluster-Mode is used to store and update various tables of the replicated database. Crucial information regarding the locations of LIFs, volumes, aggregates, and different jobs required to run in the cluster are stored in these tables. If a root aggregate has very busy data volumes, the disks in the aggregate will experience higher latency. When a node is unable to update its copy of the replicated database fast enough, it will consider itself unhealthy and stop serving all the data until it can catch up. This is extremely disruptive and affects all the volumes on the node, even if the cause is related to the data volumes stored on the root aggregate only.

Reference: Why is a warning displayed when attempting to create one or more data volumes in the root aggregate in Data ONTAP Cluster-Mode?

https://kb.netapp.com/support/index?id=3013563andpage=contentandlocale=en_US

QUESTION 5

Click the Exhibit button.

Question	Exhibit
Category	Risk / Description
ACP Cabled and Configured	Checks to see if ACP cables are installed correctly and ACP is enabled on the storage controller.
ACP Cabled and Configured	Checks to see if ACP cables are installed correctly and ACP is enabled on the storage controller.

You are asked to install a new cluster with six FAS8060 nodes. While running Config Advisor, you see the messages shown in the exhibit. The customer does not want ACP cabled on their cluster.

Which two actions would allow the installation to be completed successfully? (Choose two.)

- A. Advise NGS that the customer has a controller in an unsupported state.
- B. Advise the customer that they must acknowledge that they are not using ACP on the installation.
- C. Advise the sales team that the customer is operating without ACP and that the customer is asking you to leave it that way.



D. Advise the customer that the error will cause the controller to not operate properly and create an unsupported state.

Correct Answer: BC

Explanation: After you cable the SAS connections, you have the option to cable the Alternative Control Path (ACP) connections. You should use the ACP protocol because it enables Data ONTAP to manage and control the SAS disk shelf storage subsystem

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