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QUESTION 1

A customer wants to graphically manage a new clustered Data ONTAP system.

Which tool should the customer use?

- A. System Setup
- B. OnCommand System Manager
- C. HostAgent
- D. StorageGrid

Correct Answer: B

Explanation: System Manager is a graphical management interface that enables you to manage storage systems and storage objects (such as disks, volumes, and aggregates) and perform common management tasks related to storage systems from a web browser. As a cluster administrator, you can use System Manager to administer the entire cluster and its resources.

Reference: <https://library.netapp.com/ecmdocs/ECMP1354558/html/GUID-3B6E7BDA-9F1B-4F8C-8FC28B28A2C3FCD7.html>

QUESTION 2

You have just configured the customer's first SVM with a LIF IP 10.0.0.10/24. The customer's DNS IP address is 172.16.0.250 and you are unable to ping it from the NetApp storage system, but you are able to ping the gateway and everything else works.

In this scenario what is the problem?

- A. You need to have the DNS server on the same subnet as the LIF IP address.
- B. You need to add a static gateway to the LIFs routing group.
- C. You need to have the customer check the cable.
- D. You need to add an IPspace and domain broadcast to the port.

Correct Answer: D

Explanation: A broadcast domain resides in an IPspace, and it contains a group of network ports, potentially from many nodes in the cluster, that belong to the same layer 2 network. The ports in the group are used in an SVM for data traffic.

Reference: Clustered Data ONTAP 8.3, Network Management Guide, page 8

QUESTION 3



You have completed the installation and verification of the cluster for a customer.

What is required to complete the event?

- A. Present the customer with the posters included in the boxes.
- B. Call your manager to let them know that you are finished.
- C. Have the customer call NetApp Support to let them know that the installation is complete.
- D. Have the contact sign a document saying that the installation is complete.

Correct Answer: D

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



You are planning to install a new clustered Data ONTAP system for a customer.

Which action should be performed before configuring the cluster network switches?

- A. Confirm IP address and configuration information for Brocade switches before configuring the switches.
- B. Use the Cluster Network and Management Network Compatibility Matrix URL before configuring the switches.
- C. Use the Inventory Collect Tool before configuring the switches.
- D. Download the Fibre Channel switches software before configuring the switches.

Correct Answer: B

Explanation: The NetApp Interoperability Matrix defines infrastructure components and versions that can be used for configurations that NetApp corporation support end to end.

Incorrect:

Not C: Inventory Collect Tool enables you to create an inventory report that contains information about 7Mode storage systems, hosts, and host applications. The inventory report can then be imported to the 7Mode Transition Tool for transition assessment.

Reference: <http://www.netapp.com/us/technology/interop.aspx>

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