NS0-182^{Q&As}

NetApp Certified Storage Installation Engineer, ONTAP

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QUESTION 1

Which statement regarding a node-management LIF is true?

A. The LIF can be set only on the built-in node-management port - e0M.

B. The LIF must use two switches for redundancy purposes.

C. The LIF can be set up on a dedicated VLAN in the data network.

D. The LIF can be set up on a dedicated VLAN in the cluster network.

Correct Answer: A

Reference: https://library.netapp.com/ecmdocs/ECMP11694143/html/GUID-EFBAB832-8ABA-44D0-86A3273CB52872B7.html

QUESTION 2

You are installing a pair of Cisco Nexus 3132Q-V cluster switches and receive several syntax errors when the reference configuration file (RCF) is applied.

In this scenario, what are two reasons for these errors? (Choose two.)

A. An RCF file for a different version has been loaded.

B. The switch was not in maintenance mode.

C. The RCF was already applied.

D. Cables were not removed before applying the RCF.

Correct Answer: AC

QUESTION 3

You install a new AFF A300 2-node switchless cluster with ONTAP 9.5 at a customer site. Each node has a root aggregate as part of the system configuration.

In this scenario, what is the default disk partitioning called?

A. root-data-data partitioning

B. data-data partitioning

C. root-data partitioning

D. root-data-root partitioning

Correct Answer: C

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QUESTION 4

A customer wants to reduce the disk allocation requirement for the root aggregate and increase usable storage by partitioning the disks into one large part and one small part. The small part is used for the root aggregate and the large part for the data aggregates.

In this situation, what is this feature called?

A. ONTAP

B. storage virtual machine

C. Advanced Drive Partitioning

D. RAID

Correct Answer: C

QUESTION 5

Which hot-swappable transceiver is required to obtain full performance from a Cisco Nexus 3232C cluster-interconnect switch?

A. QSFP28

B. QSFP+

C. SFP+

D. SFP

Correct Answer: A

QUESTION 6

What is a node?

A. A node refers to all physical devices bound together In the cluster.

B. A node is the logical device that shares data.

C. A node is a logical network port.

D. A node is a controller that is part of the cluster.

Correct Answer: D

QUESTION 7

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You have a 2-node switchless cluster in a remote location. Node1 has taken over node 2. You want to access node 2 to investigate the problem.

In this scenario, how would you contact node 2 from a remote location?

A. Use SSH to access the Service Processor on node 2.

B. Use telnet to access the Service Processor IP on node 2.

C. Use SSH to access the node management IP on node 1.

D. Use SSH to access the node management IP on node 2.

Correct Answer: A

QUESTION 8

You are performing an automated upgrade of a 2-node cluster. Node-01 upgrades successfully. But during the node-02 upgrade, there is a power outage at the site. When power is restored and the nodes are booted, you receive this message: Warning: The Cluster is in a mixed version state. Update all of the nodes to the same version as soon as possible.

In this scenario, which command provides information that will help you understand the problem?

A. system node upgrade show-task-status

B. system node image package show

C. system node upgrade-revert show

D. system node image show

Correct Answer: B

QUESTION 9

Click the Exhibit button.

```
Node: NetApp-Cluster-01

                                                                   Ignore
                                            Speed (Mbps)  Health    Health
   Port      IPspace     Broadcast Domain  Link  MTU  Admin/Oper   Status    Status
   --------- ----------- ----------------- ----- ----- ------------ --------- ---------

   a10g      Default     -                 up    1500  auto/10000   healthy   false
   a1g       Default     snapmirror        up    1500  auto/1000    healthy   false
   e0M       Default     management        up    1500  auto/1000    degraded  false
   e0a       Default     -                 up    1500  auto/1000    healthy   false
   e0b       Default     -                 up    1500  auto/1000    healthy   false
   e0c       Default     -                 up    1500  auto/10000   healthy   false
   e0d       Default     -                 up    1500  auto/10000   healthy   false
   e0e       Cluster     Cluster           up    9000  auto/10000   healthy   false
   e0f       Cluster     Cluster           up    9000  auto/10000   healthy   false


Node: NetApp-Cluster-02

                                                                   Ignore
                                            Speed (Mbps)  Health    Health
   Port      IPspace     Broadcast Domain  Link  MTU  Admin/Oper   Status    Status
   --------- ----------- ----------------- ----- ----- ------------ --------- ---------

   a10g      Default     -                 up    1500  auto/10000   healthy   false
   a1g       Default     snapmirror        up    1500  auto/1000    healthy   false
   e0M       Default     management        up    1500  auto/1000    healthy   false
   e0a       Default     -                 up    1500  auto/1000    healthy   false
   e0b       Default     -                 up    1500  auto/1000    healthy   false
   e0c       Default     -                 up    1500  auto/10000   healthy   false
   e0d       Default     -                 up    1500  auto/10000   healthy   false
   e0e       Cluster     Cluster           up    9000  auto/10000   healthy   false
   e0f       Cluster     Cluster           up    9000  auto/10000   healthy   false
```

After you install a FAS2720 with ONTAP 9.5, you disconnect the management port of node A to demonstrate cluster management LIF failover to the custom. When you reconnect the management port and try to revert the interface, you receive the following message.

Info: LIF "cluster_mgmt" has been hosted on port "NetApp-Cluster-01:e0M", whose health status is degraded.

You issue the network port show command and see the output shown in the exhibit. When you try to access the cluster interface, you cannot ping or connect to the cluster through the network.

Which two troubleshooting steps must you perform to solve the issue? (Choose two.)

A. Set the Ignore Health Status parameter to true.

B. Use the network port modify -up-admin command to administratively down and up the port.

C. Reconnect the management cable to bring the port online.

D. Set the Ignore Health Status parameter to false.

Correct Answer: BC

QUESTION 10

You were asked to install a FAS9000 with two quad-port SAS PCI cards. The SAS PCI cards are installed in slot 9 and slot 1. In preparation for the installation, you are filling out the SAS cabling worksheet.

In this scenario, which ports are used for the second stack?

A. 9a/1d

B. 9c/1a

C. 9b/1b

D. 9a/1a

Correct Answer: C

QUESTION 11

You have just completed the installation of a FAS9000 HA pair with ONTAP 9.5.

In this scenario, according to NetApp best practices, which two tests verify the HA failover functionality? (Choose two.)

A. Pull the motherboard out of the slot.

B. Disconnect the HA interconnect cabling.

C. Power cycle the node.

D. Invoke a system core.

Correct Answer: CD

QUESTION 12

In a 4-node cluster, what is function of the HA interconnect? (Choose the best answer.)

A. It provides the ability to relocate the aggregate ownership.

B. It provides the ability to synchronize the cluster configuration.

C. It provides nondisruptive operations and fault tolerance.

D. It provides the ability to migrate a data aggregate to any node in the cluster.

Correct Answer: A

QUESTION 13

Click the Exhibit button.

fc09n02 (AFF-A700)

System Storage Configuration

Name	Disk Count	Notes	Details
5b | 5c | 7c| 7d	12	Stack Same Card	Modules of the stack are connected to the same PCI Card.
5a | 5d | 7a | 7b	12	Stack Same Card	Modules of the stack are connected to the same PCI Card.

Node Rule Failures and Warnings

Controller Name	Rule/Check	Description	Severity	Details
fc09n02	Shelf Path Checks	Checking the pathing configuration of the shelves	Low Impact ▽	Modules of the stack "5b|5c|7c|7d" are connected to the same PCI card.
fc09n02	Shelf Path Checks	Checking the pathing configuration of the shelves	Low Impact ▽	Modules of the stack "5a|5d|7a|7b" are connected to the same PCI card.

After running Config Advisor 5.0 on a newly deployed ONTAP system, you are reviewing the output with the customer, and you find the warnings shown in the exhibit. Which action should you perform before you leave the customer site?

A. Explain to the customer that the warnings are not relevant because of the quad-path HA cabling.

B. Remove all of the SAS cables from behind the controllers and replace them with FC cables.

C. Explain to the customer that Config Advisor does not support the AFF A700 and FAS900 systems.

D. Review the Hardware Universe Web site for calling guidance.

Correct Answer: B

QUESTION 14

A customer buys a new switchless ONTAP 9.5 FAS2650 cluster. You are asked to install the system at the customer\\'s site.

Which three steps are needed to accomplish this task? (Choose three.)

A. Cable the ACP.

B. Cable the cluster-interconnect to the CN1610 switches.

C. Connect both power cords.

D. Install the system in the rack.

E. Cable the controller for switchless ONTAP software.

Correct Answer: CDE

QUESTION 15

You want to grow your current ONTAP cluster. You have a Cisco Nexus 5596UP that is currently using all of its on-board ports.

Which statement is correct in this situation?

A. Contact NetApp Support to order new switches.

B. Add expansion modules to the Cisco switches.

C. Pull the redundant cables from each node to obtain more free ports on the switch.

D. Add new SFP modules to the empty on board ports on the Cisco switches.

Correct Answer: B

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