NS0-180^{Q&As}

NS0-180$^{Q\&As}$

NetApp Certified Storage Installation Engineer

Pass NetApp NS0-180 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.passapply.com/ns0-180.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by NetApp Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

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 2

You have completed a clustered Data ONTAP installation for a new customer. You are now ready to hand off the system to the customer.

Which three actions should you take at this stage in the installation process? (Choose three.)

A. Show the customer how to open a case with NetApp Support.

B. Demonstrate System Manager and its functionality.

C. Tell the customer to call their sales representative if there are further questions.

D. Tell the customer you are finished and then leave the site.

E. Show the customer how to set up a support account.

Correct Answer: ABE

QUESTION 3

You are asked to install a cluster that consists of two FAS8060 controllers and four DS2246 shelves. The customer wants two stacks of shelves (10-11 and 20-21).

According to NetApp, how many SAS cables are required to complete this installation with MPHA?

A. 10 SAS cables

B. 12 SAS cables

C. 8 SAS cables

D. 6 SAS cables

Correct Answer: C

QUESTION 4

Regarding clustered Data ONTAP 8.3, what happens to the roles of the on board ports, HBAs, and NICs?

A. These roles are assignet when LIFs are created.

B. These roles are assigned based on the controller type.

C. These roles are predefined and must be changed before creating your LIFs.

D. The roles are divided into two categories: Data Management and Node Management.

Correct Answer: A

Explanation: In earlier releases of Data ONTAP, default roles were assigned to each Ethernet network port. The roles included data, cluster, cluster management, intercluster, and node management. In Data ONTAP 8.3, these roles are assigned when LIFs are created.

Reference: Clustered Data ONTAP 8.3, Network Management Guide, page 7

QUESTION 5

Upon completion of an installation, you have begun failover/giveback testing. You notice that when node-02 has been taken over by node-01, node-02 will not respond to ping requests.

Which statement describes what is happening?

A. The controller is down and has been taken over by the partner, this is normal behavior during a failover.

B. The controller that is up, node-01, does not have partner statements in the /etc/rc file.

C. The controller that is down, node-02, does not have partner statements in the /etc/rc file.

D. There are no ports in the LIFs\\' broadcast domain that are linked.

Correct Answer: C

Explanation: We need to add a partner statement to the /etc/rc file on node-2.

QUESTION 6

You are setting up a LIF for the node management network.

What will be the default failover policy in this scenario?

A. broadcast-domain-wide

B. system-defined

C. local-only

D. sfo-partner-only

Correct Answer: C

Explanation: The local-only failover policy is he default setting for cluster LIFs and node

management LIFs.

Reference: Types of failover policies

https://library.netapp.com/ecmdocs/ECMP1636021/html/GUID-92CC5F58-5EB8-4E2D-88F0FA2F740062E0.html

QUESTION 7

The full boot cycle of the CN1610 should take approximately 50 seconds.

What should you do to minimize the interruption?

A. Remove all of the cables from the CN1610 CL1 switch, and then connect them to different ports on the CN1610 CL2 switch.

B. You can migrate the cluster LIFs from the switch that is to be rebooted, and then revert the cluster LIFs after the switch has finished rebooting.

C. You can migrate Data LIFs to different ports on different nodes.

D. On each respective switch, use the network interface migrate command to migrate the inter- switch links.

Correct Answer: C

Explanation: LIFs are moved to other physical ports within the cluster to provide non-disruptive services.

QUESTION 8

What is the next step if you must escalate an open case?

A. Upload the support case and core data files to NetApp Suport and to Engineering.

B. Clustered Data ONTAP triggers the AutoSupport mechanism automatically again.

C. Call NetApp Support and ask to speak to the duty manager.

D. Call NetApp Support and open a new case.

Correct Answer: C

Explanation: If at anytime you wish to have your case escalated please call the TSC Hotline

number and ask to speak to the duty manager.

Reference: Technical Support Escalation and Priority Definitions

https://mysupport.netapp.com/info/web/ECMP1132185.html

QUESTION 9

You are installing a 4-node cluster with two CN1610 switches. Your co-worker is setting up the switches, but accidentally deletes the current configuration.

According to NetApp, what is the recommended way to restore the configuration?

A. Install only one switch.

B. Manually configure the ports as they are designated in the CN1601 and CN1610 Switch Setup and Configuration Guide.

C. Reload the same reference file to the switch.

D. Copy the configuration from a switch that is working.

Correct Answer: D

Explanation: You re-create the cluster using the cluster configuration that you chose and made available to the recovering node, and then rejoin each additional node to the new cluster.

You should only perform this task to recover from a disaster that resulted in the loss of the cluster\\'s configuration.

Steps

1.

On the recovering node, use the system configuration recovery cluster recreate command at the advanced privilege level to re-create the cluster.

2.

Use the cluster identity show command to verify that the recovering node has a different UUID than the other nodes.

3.

For each node that needs to be joined to the re-created cluster, do the following: 3a. From a healthy node on the re-created cluster, use the system configuration recovery cluster rejoin command at the advanced privilege level to rejoin the target node to the cluster. Example This example rejoins the target node (node2) to the re-created cluster. cluster1::*> system configuration recovery cluster rejoin -node node2

Warning: This command will rejoin node "node2" into the local cluster, potentially overwriting critical cluster

configuration files. This command should only be used to recover from a disaster. Do not perform any other

recovery operations while this operation is in progress.

This command will cause node "node2" to reboot.

Do you want to continue? {y|n}: y

The target node reboots and then joins the cluster.

3b. Use the cluster show command with the -eligibility parameter to verify that the target node is healthy

and has formed quorum with the rest of the nodes in the cluster. The target node must rejoin the re-created

cluster before you can rejoin another node.

Reference: Restoring a cluster configuration from an existing configuration

https://library.netapp.com/ecmdocs/ECMP1196798/html/GUID-9C4E7746-7FCA-4966-B6F1

D353B07F1494.html

QUESTION 10

While performing storage failover tests, you notice that a data LIF serving CIFS traffic is not reachable after takeover.

Which three statements are correct in this scenario? (Choose three.)

A. NAS LIFs do not fail over.

B. A front-end switch configuration was missing.

C. An incorrect firewall policy was assigned.

D. No failover policy was assigned.

E. Incorrect ports were in the broadcast domain.

Correct Answer: CDE

Explanation: D: The partner\\'s LIFs migrate according to network interface failover rules. Existing SMB (CIFS) sessions are disconnected when takeover occurs.

E: LIFs can use any node in the cluster to perform management tasks, so it is created by default with the "broadcast-domain-wide" failover policy

Incorrect:

Not A: The network ports that are present in the failover group define the failover targets available for the LIF. A failover group can have cluster management, node management, intercluster, and NAS data LIFs assigned to it.

QUESTION 11

You are setting up a switchless 2-node cluster. You must ensure that it is set up correctly. Which two commands would you execute to complete this task? (Choose two.)

onfigured true

A. cluster ha modify ode ata

B. not int modify luster modify true

C. network options switchless

D. net int create

Correct Answer: AC

Explanation: Enabling cluster HA and switchless-cluster in a two-node cluster If you have a two-node switchless configuration that uses direct-cable connections between the nodes instead of a cluster interconnect switch, you must ensure that the switchless-cluster- network option is enabled. This ensures proper cluster communication between the nodes.

Stepscluster ha modify -configured true If storage failover is not already enabled, you will be prompted to confirm enabling of both storage failover and auto-giveback. set -privilege advanced Confirm when prompted to continue into advanced mode. The advanced mode prompt appears (*>). network options switchless-cluster show If the output shows that the value is false, you must issue the following command: network options switchless-cluster modify true set -privilege admin

Reference: Enabling cluster HA and switchless-cluster in a two-node cluster

https://library.netapp.com/ecmdocs/ECMP1196905/html/GUID-CE8ADA56-E05B-4398-A7E205C7BD816467.html

QUESTION 12

Multiple customers want to access a cluster from different domains that may contain duplicate IP addresses.

In this situation, which feature should you use?

A. IPspaces

B. interface groups

C. VLAN

D. logical interfaces

Correct Answer: A

Explanation: IPspaces enable you to configure a single Data ONTAP cluster so that it can be accessed by clients from more than one administratively separate network domain, even if those clients are using the same IP address subnet

range

Reference: Clustered Data ONTAP 8.3, Network Management Guide, page 32

QUESTION 13

What is s LIF?

A. a logical internet file

B. a logical inventory file

C. a logical interaction file

D. a logical interface

Correct Answer: D

Explanation: A LIF (logical interface) is an IP address or WWPN with associated characteristics, such as a role, a home port, a home node, a list of ports to fail over to, and a firewall policy. You can configure LIFs on ports over which the cluster sends and receives communications over the network.

Reference: Clustered Data ONTAP 8.3, Network Management Guide, page 54

QUESTION 14

You are preparing to install a new clustered Data ONTAP system.

Which tool prepares all the relevant customer and configuration information?

A. AutoSupport

B. Cluster Config Builder

C. OnCommand System Manager

D. Config Advisor

Correct Answer: C

Explanation: OnCommand System Manager provides fast, simple configuration and management for NetApp FAS storage systems.

Incorrect: Not A: AutoSupport is used in a system that is already installed. It provides simple, effective, proactive monitoring and management of your storage infrastructure. Not D: Config Advisor is run on already installed systems. It performs configuration validation for new NetApp system installation and improve automation for service delivery for assessments and audits.

Reference: http://www.netapp.com/se/products/management-software/system-manager.aspx

QUESTION 15

Which feature provides preferred protection for the root volume of a storage virtual machine (SVM)?

A. SnapVault

B. load-sharing mirror

C. SnapMirror

D. SyncMirror

Correct Answer: B

Explanation: To protect the Storage Virtual Machine (SVM) namespace root volume, you can create a load-sharing mirror volume on every node in the cluster, including the node in which the root volume is located. Then you create a mirror relationship to each load-sharing mirror volume and initialize the set of load-sharing mirror volumes.

Reference: SVM root volume protection workflow

https://library.netapp.com/ecmdocs/ECMP1653502/html/GUID-59618C57-A05E-48DF-96FB9788D3DA74AC.html

[NS0-180 VCE Dumps](#)   [NS0-180 Practice Test](#)   [NS0-180 Study Guide](#)