VCEûp

Exam Code: NS0-184

Exam Name: NetApp Certified Storage Installation Engineer, ONTAP
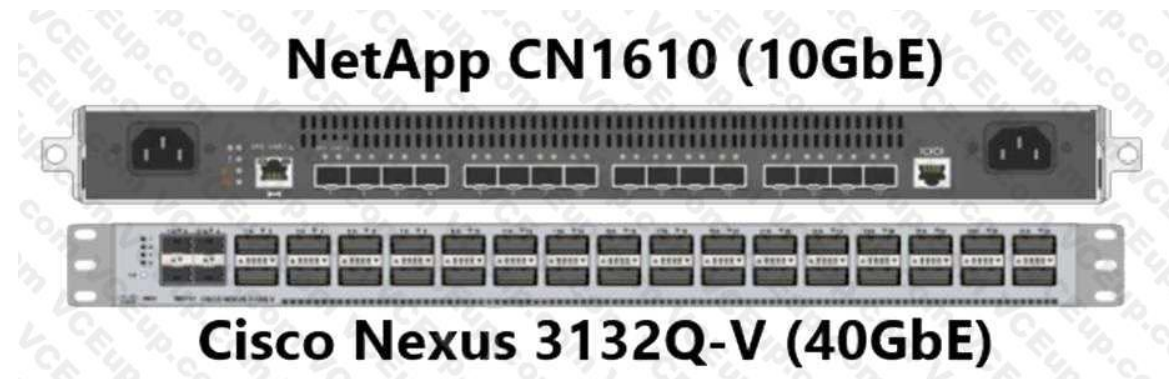
Question No: 1

Click the Exhibit button.

A customer wants to replace their ONTAP cluster CN1610 switches with Cisco Nexus 3132Q-V switches. They want to perform a non-disruptive upgrade.

Referring to the exhibit, which cable will be required to non-disruptively migrate to the new switches?

A. a 10GbE SFP+ to SFP+ cable

B. a 100GbE QSFP28+ to 4x25GbE SFP28+ cable

C. a 40GbE QSFP+ to QSFP+ cable

D. a 40GbE QSFP+ to 4x10GbE SFP+ cable

Answer: B

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/upgrade/guide/b_Cisco_Nexus_9000_Series_NXOS_Software_Upgrade_and_Downgrade_Guide_Release_7x/b_Cisco_Nexus_9000_Series_NXOS_Software_Upgrade_and_Downgrade_Guide_Release_7x_chapter_010.html

Question No: 2

Which logical interface has a fixed firewall policy?

A. data LIF

B. cluster management LIF

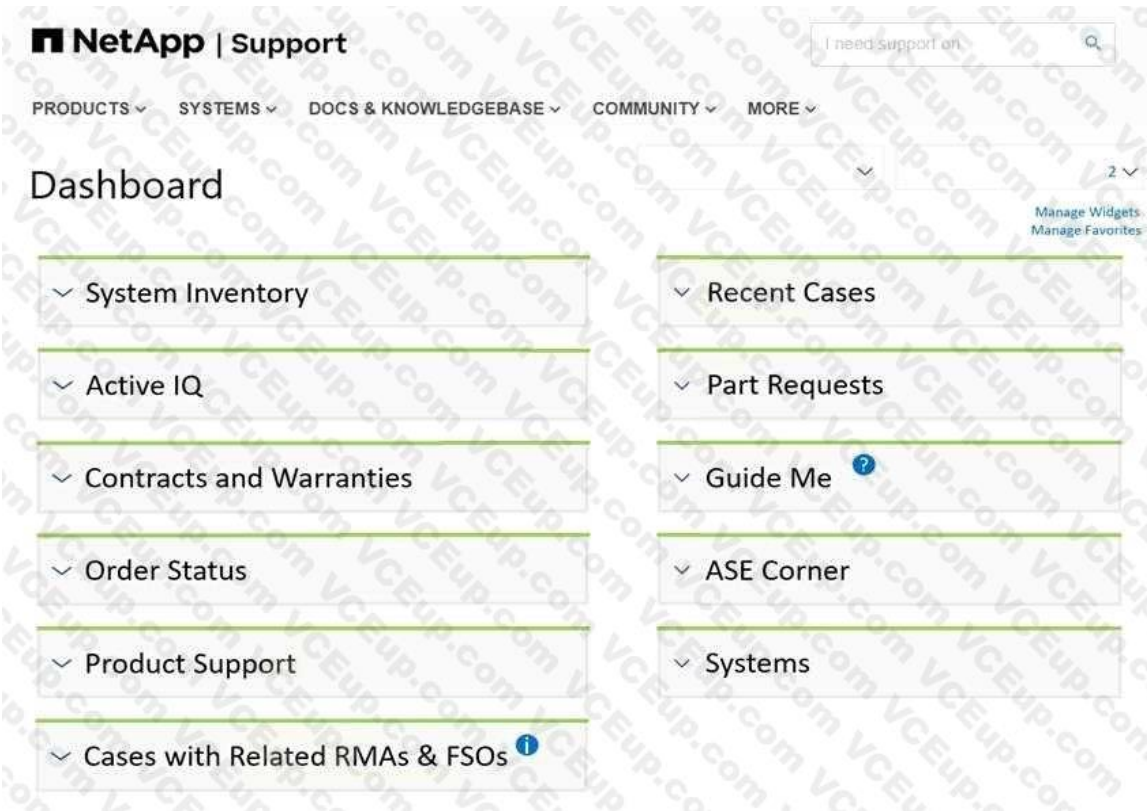C. cluster LIF

D. intercluster LIF

Answer: C

Explanation:

Reference: https://docs.netapp.com/usen/ontap/networking/configure_firewall_policies_for_lifs.html#create-a-firewall-policy-andassigning-it-to-a-lif

Question No: 3

Click the Exhibit button.

During an ONTAP cluster handover procedure, your customer asks how to identify and solve issues that might occur on the newly deployed array.

Referring to the exhibit, which two widgets would the customer use to help with these issues?

(Choose two.)

A. Guide Me

B. Active IQ

C. Contracts and Warranties

D. ASE Corner

Answer: A, C

Explanation:

Question No: 4

You have a 2-node FAS8300 ONTAP 9.8 cluster that serves SMB shares. You are configuring interface groups for higher performance and resiliency.

Which two NetApp best practices should you follow to satisfy these performance and resiliency requirements? (Choose two.)

A. Use ports from different NICs.

B. Use ports from the same NICs.

C. Use ports with different chipsets.

D. Use ports with the same chipsets.

Answer: A, D

Explanation:

Reference: https://www.netapp.com/media/19900-tr-4847.pdf (7)

Question No: 5

You are preparing for the installation of a new 2-node switchless AFF A250 ONTAP 9.8 cluster and need to obtain the preinstallation information from the customer.

In this scenario, what are three examples of data required from the customer? (Choose three.)

A. management IP addresses

B. cluster switch name

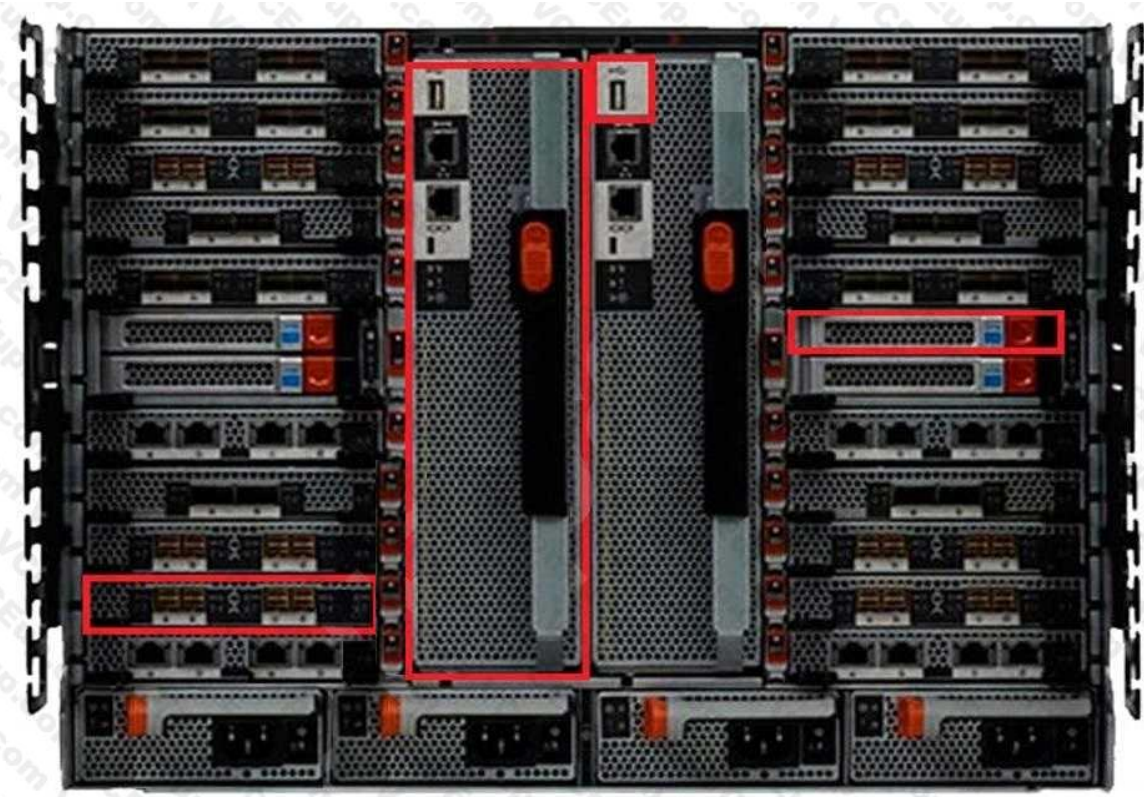C. gateway IP address

D. BMC IP addresses

E. cluster name

Answer: A, B, D

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systems/a250/install-detailed-guide.html#step-1-prepare-for-installation

Question No: 6

Click the Exhibit button.

Which set of components on a FAS9000 are highlighted in the exhibit?

A. FCVI-Module, Controller, Serial-Port, FlashCache-Module

B. SAS-Module, Controller, USB-Port, FlashCache-Module

C. NVRAM-Module, Controller, Serial-Port, FlashCache-Module

D. Powersupply, Controller, USB-Port, NVRAM-Module

Answer: A

Explanation:

Question No: 7

After the successful installation of a NetApp ONTAP cluster, the customer wants to know how to view telemetry dat a. The customer also wants to receive online information about any risks with the cluster and potential best-practice gaps.

Which tool satisfies the customer's requirements?

A. Active IQ Digital Advisor

B. Interoperability Matrix Tool

C. Spot by NetApp

D. Cloud Manager

Answer: A

Explanation:

Reference: http://docs.netapp.com/us-en/ontap/pdfs/sidebar/Cluster_administration.pdf

Question No: 8

After the installation of a new ONTAP 9.8 cluster, you have to verify if AutoSupport works.

In this scenario, which two commands would you use to accomplish this task? (Choose two.)

A. system node autosupport history show

B. system node autosupport check show

C. system node autosupport destination show

D. system node autosupport invoke

Answer: A, B

Explanation:

Reference: http://docs.netapp.com/us-en/ontap/pdfs/sidebar/Troubleshoot_AutoSupport.pdf

Question No: 9

A customer requires encryption at rest on every node root volume.

In this scenario, which two encryption solutions will fulfill this requirement? (Choose two.)

A. NVE

B. IPsec

C. NAE

D. NSE

Answer: A, C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap/encryption-at-rest/configure-netapp-volumeencryption-concept.html#aggregate-level-encryption

Question No: 10

Your customer currently has a 4-node AFF A400 cluster that runs ONTAP 9.8, with two NS224 shelves that are connected to each HA pair. The customer needs to add additional capacity to the cluster.

Which two actions would enable the customer to accomplish this task? (Choose two.)

A. Connect the new NS224 shelves to the existing NS224 shelves and adjust the shelf IDs.

B. Connect the new NS224 shelves to the existing Cisco Nexus 3232C switches.

C. Deploy a new AFF A400 to the cluster.

D. Deploy new, dedicated, storage switches for the new NS224 shelves.

Answer: A, C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systems/ns224/hot-add-shelf.html#prepare-an-affa700-aff-a800-or-aff-a400-ha-pair-to-hot-add-a-second-shelf

Question No: 11

You are installing an AFF A700 system with two disk shelves using ADPv2. After setting up the cluster, you realize that one drive shelf was powered off and that the drives have not been assigned to any of the nodes.

In this scenario, which two resources will help you find a solution? (Choose two.)

A. Active IQ Config Advisor

B. NetApp Documentation Center

C. NetApp Knowledge Base

D. Active IQ Digital Advisor

Answer: A, C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systems/fas9000/install-detailedguide.html#option-1-cable-the-controllers-to-ds212c-or-ds224c-drive-shelves

Question No: 12

You are preparing to physically install a new AFF A400 cluster into a customer's racks. All equipment has been delivered to the customer's site.

Which three tools do you need to complete this installation? (Choose three.)

A. additional network cables

B. Phillips #2 screwdriver

C. laptop computer
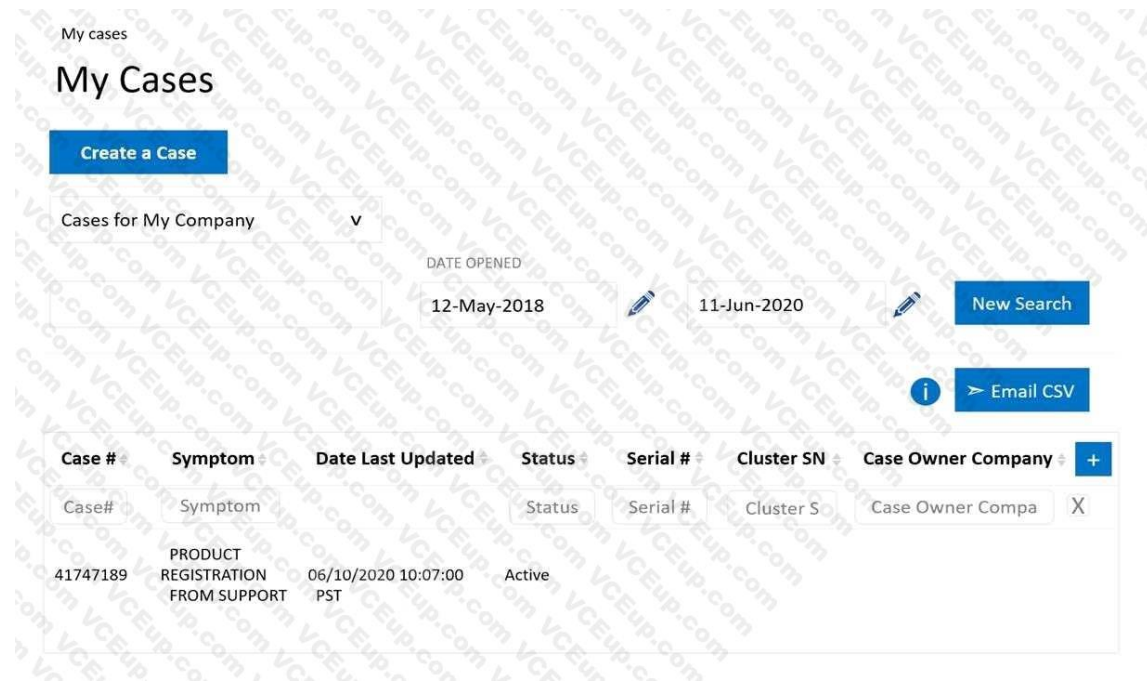
D. slide rail kit

E. cable management tray

Answer: A, B, C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systems/a400/install-detailed-guide.html#step-1-prepare-for-installation

Question No: 13

Click the Exhibit button.

My cases

My Cases

Create a Case

Cases for My Company   v

DATE OPENED

12-May-2018   ✎   11-Jun-2020   ✎   **New Search**

ⓘ   ➤ Email CSV

Case #	Symptom	Date Last Updated	Status	Serial #	Cluster SN	Case Owner Company	+
Case#	Symptom		Status	Serial #	Cluster S	Case Owner Compa	X
41747189	PRODUCT REGISTRATION FROM SUPPORT	06/10/2020 10:07:00 PST	Active				

After installation of a new ONTAP cluster, you experience a problem. You successfully create a support case on the NetApp Support site. The customer asks you how to view the status of the case.

Referring to the exhibit, which two steps would allow the customer to accomplish this task? (Choose two.)

A. Open https://support.netapp.com, using the partner credentials.

B. Open https://support.netapp.com, using the customer credentials.

C. Open My Cases, and select the 41747189 case number.

D. Open My Cases, and select Create a Case.

Answer: B, C

Explanation:

Reference: https://mysupport.netapp.com/site/info/find-support

Question No: 14

You completed a 2-node AFF A700 installation according to the poster. You run the disk show -fields owner command and notice that all drives are assigned to node 1.

In this scenario, which tool would you use to access documentation and guidelines to solve the issue?

A. Active IQ Unified Manager

B. Active IQ One Collect

C. NET2

D. NetAppDocs

Answer: D

Explanation:

Reference: https://github.com/NetAppDocs

Question No: 15

An administrator issued the cluster setup command and configured a 2-node ONTAP 9.8 cluster.

In this scenario, which tool would the administrator use to validate the configuration?

A. Active IQ Upgrade Advisor

B. Interoperability Matrix Tool

C. NetAppDocs

D. Active IQ Config Advisor

Answer: C

Explanation:

Reference: https://github.com/NetAppDocs/ontap-metrocluster/blob/main/installstretch/concept_configuring_the_mcc_software_in_ontap.adoc

Question No: 16

Which command would be used to measure the throughput and latency of traffic between nodes?

A. qos statistics workload performance show

B. cluster ping-cluster

C. network test-path

D. statistics node show

Answer: C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Manage_performance_issues.pdf

Question No: 17

After moving a new AFF A400 cluster into production, the administrator notices error events in ONTAP System Manager regarding SAS HA issues.

In this scenario, which NetApp tool would have identified these errors after the installation process?

A. Cloud Manager

B. ONTAP System Manager

C. Active IQ Config Advisor

D. Active IQ Unified Manager

Answer: B

Explanation:

Reference: https://www.netapp.com/fr/media/13482-tr4375.pdf

Question No: 18

You are using Broadcom BES-53248 switches for a cluster interconnect in a base configuration.

In this scenario, what is the minimum number of ISLs supported between the switches?

A. 1

B. 2

C. 3

D. 4

Answer: B

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systemsswitches/pdfs/sidebar/BES_53248_Switches.pdf (3)

Question No: 19

You installed a new 2-node FAS500f ONTAP 9.8 switchless cluster that serves NAS volumes to both NFSv4.1 and SMB clients. The host operating systems have full flow control enabled on their data ports.

In this scenario, which two flow control settings would you verify? (Choose two.)

A. Verify that the data network ports have full flow control disabled.

B. Verify that the cluster network ports have full flow control enabled.

C. Verify that the data network ports have full flow control enabled.

D. Verify that the cluster network ports have full flow control disabled.

Answer: A, B

Explanation:

Reference: https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Network_management.pdf

Question No: 20

A customer wants to enable SnapMirror Synchronous across their environment. The customer must ensure that SnapMirror Synchronous will work across the environment.

In this scenario, which two statements are true? (Choose two.)

A. A SnapMirror license is required on both the source cluster and the destination cluster.

B. A SnapMirror Synchronous license is required on both the source and destination clusters.

C. A SnapMirror license is not required on both the source cluster and the destination cluster.
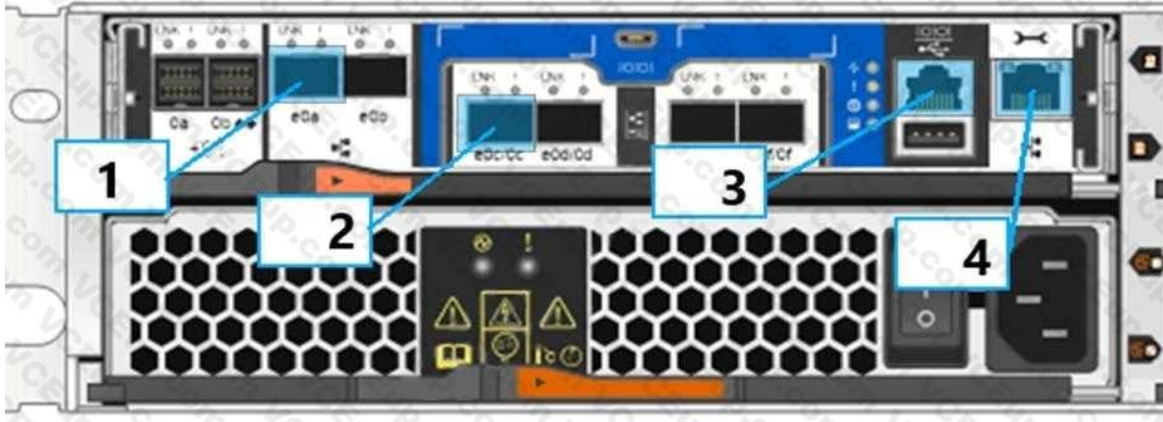
D. A SnapMirror Synchronous license is required on the source cluster.

Answer: B, C

Explanation:

Question No: 21

Click the Exhibit button.

Referring to the numbers shown in the exhibit, which port on an AFF A220 controller is used as port e0M in ONTAP?

A. 4

B. 3

C. 2

D. 1

Answer: A

Explanation:

Reference:

https://documents.uow.edu.au/~blane/netapp/ontap/sysadmin/accessing/concept/c_oc_accs_access-methods-e0m.html

Question No: 22

You have a new 2-node FAS8700 ONTAP 9.8 cluster. One of the nodes has 24x16 TB NL-SAS disks assigned and available for a new aggregate. You created the aggregate with one RAID group and two spare disks.

In this scenario, how many data drives are in the aggregate?

A. 20

B. 18

C. 17

D. 19

Answer: A

Explanation:

Reference: http://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-970%2Fstorage__aggregate__create.html

Question No: 23

Your customer is migrating data from a legacy FAS8020 system that runs ONTAP 9.5 software to a new AFF A250 MetroCluster over IP configuration.

In this scenario, which two methods would be supported to migrate the data? (Choose two.)

A. Perform a controller swap from the FAS8020 to the AFF A250s.

B. Create a 4-node cluster on one side and use the vol move command to migrate the data.

C. Use a host-based copy migration method.

D. Configure a SnapMirror copy between the FAS8020 and the AFF A250 systems.

Answer: A, D

Explanation:

Question No: 24

You have a 2-node FAS8300 switchless ONTAP 9.8 cluster that serves NAS volumes. You have a data SVM that connects to the network using multimode LACP with VLAN tags.

In this scenario, which front-end FAS8300 network port would you create the data LIFs?

A. a0a

B. e0e

C. e0e-100

D. a0a-100

Answer: B

Explanation:

Reference: https://wikileaks.org/ciav7p1/cms/files/NetApp%20Build%20Document1.docx

Question No: 25

You have a 4-node ONTAP 9.8 cluster with a FAS8700 HA pair that serves iSCSI LUNs. You are adding a new AFF A250 HA pair to the cluster with new iSCSI SAN LIFs. You need to allow non-optimized data paths from the AFF A250 nodes to the existing LUNs on the FAS8700 nodes.

In this scenario, which two ONTAP configuration settings must you verify? (Choose two.)

A. port sets

B. switch zoning

C. reporting nodes

D. failover groups

Answer: A, D

Explanation:

Question No: 26

You are deploying a new AFF All SAN Array A250 into a customer's existing data fabric.

In this scenario, which two tools would give insight into their existing Cisco MDS fabric configuration?

(Choose two.)

A. Brocade SAN Health

B. Cisco Data Center Network Manager (DCNM)

C. Active IQ

D. Active IQ Config Advisor

Answer: B, C

Explanation:

Reference: https://www.cisco.com/c/en/us/products/collateral/storage-networking/mds-9700-series-multilayer-directors/cisco-ucs-mds.html

https://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-x-seriesmodular-system/flex-pod-datacenter-ucs-intersight.html

Question No: 27

You are expanding an existing 4-node ONTAP 9.8 cluster with a FAS8300 HA pair by adding a new FAS500f HA pair. Before the expansion, you are asked to save the configuration of the cluster to a backup file.

In this scenario, which two ONTAP configuration backup methods are available? (Choose two.)

A. storage VM

B. node

C. cluster

D. switch

Answer: A, C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-whatsnew/pdfs/fullsitesidebar/TR_4894__NetApp_ONTAP_9_9_1_Feature_Overview.pdf

Question No: 28

Click the Exhibit button.

```
cluster1::> network interface show
             Logical      Status      Network           Current      Current  Is
Vserver      Interface    Admin/Oper  Address/Mask      Node         Port     Home
-----------  ----------   ----------  ----------------  -----------  -------  ----
Cluster
             cluster1-01_clus1
                          up/up       169.254.145.151/16 cluster1-01  e0a      true
             cluster1-01_clus2
                          up/up       169.254.58.159/16  cluster1-01  e0b      true
             cluster1-02_clus1
                          up/up       169.254.110.0/16   cluster1-02  e0a      true
             cluster1-02_clus2
                          up/up       169.254.212.198/16 cluster1-02  e0b      true
cluster1
             cluster1-01_mgmt1
                          up/up       192.168.0.111/24   cluster1-01  e0c      true
             cluster1-02_mgmt1
                          up/up       192.168.0.112/24   cluster1-02  e0c      true
             cluster_mgmt up/up       192.168.0.101/24   cluster1-01  e0c      true
```

You are installing a new AFF All SAN Array A700 HA pair.

Referring to the exhibit, which IP address would have been used to join node 02 to the cluster during setup?

A. 192.168.0.112

B. 169.254.212.198

C. 169.254.145.151

D. 192.168.0.101

Answer: A

Explanation:

Question No: 29

Which two switch operating system are supported on ONTAP cluster switches? (Choose two.)

A. Brocade FOS

B. Cisco NX-OS

C. Cisco IOS

D. Broadcom EFOS

Answer: B, D

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systems-switches/pdfs/fullsitesidebar/AFF_and_FAS_Switch_Documentation.pdf

Question No: 30

You are preparing to install a new 2-node AFF A250 system at a customer site with an existing cluster that uses NetApp CN1610 cluster interconnect switches.

In this scenario, what are two valid actions for this installation? (Choose two.)

A. Add the new nodes to the existing cluster and switches.

B. Create a new 2-node switched cluster that uses the CN1610 cluster switches.

C. Create a new 2-node switchless cluster.

D. Migrate the existing cluster to new switches and add the new nodes.

Answer: B, D

Explanation:

Reference:

https://kb.netapp.com/Advice_and_Troubleshooting/Flash_Storage/AFF_Series/Controller_Hardware_Upgrade3A_Adding_AFF_A250_nodes_to_existing_cluster_report_HA_interconnect_errors_and_cannot_perform_takeover

Question No: 31

Click the Exhibit button.

```
ns0184-98::> cluster add-node-status

Node Name         Cluster IP          Status            Error Reason
----------------  ------------------  ----------------  ------------------------
ns0184-98-01      169.254.111.185     success
ns0184-98-02      169.254.124.154     success
ns0184-97         168.254.242.195     failure           Failed to start cluster
                                                        join on node:
                                                        169.254.242.195: Cluster
                                                        join operation cannot be
                                                        performed at this time:
                                                        Cannot join node to the
                                                        cluster because this is a
                                                        mixed-version cluster.
                                                        All nodes in the cluster
                                                        should be running the
                                                        same software version
                                                        before a node is added.
                                                        To attempt the join
                                                        anyway, use the
                                                        "-allow-mixed-version-
                                                        join" parameter. Resolve
                                                        the issue, then try the
                                                        command again.

3 entries were displayed.
```

You are attempting to add a new ONTAP 9.7 node to your ONTAP 9.8 NetApp cluster. After attempting to add the node, it fails as shown in the exhibit.

What are two nondisruptive ways to add the new node to your ONTAP cluster? (Choose two.)

A. Revert the cluster from ONTAP 9.8 to ONTAP 9.7.

B. Re-initialize all the nodes in the ONTAP cluster with ONTAP 9.7.

C. Upgrade the new node from ONTAP 9.7 to ONTAP 9.8.

D. Add the node using the -allow-mixed-version- parameter.

Answer: C, D

Explanation:

Reference: https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Upgrade_ONTAP.pdf

Question No: 32

Click the Exhibit button.

```
cluster1::*> cluster ping-cluster node1

Host is node2
Getting addresses from network interface table...
Cluster node1_clus1 169.254.209.69 node1 e0a
Cluster node1_clus2 169.254.49.125 node1 e0b
Cluster node2_clus1 169.254.47.194 node2 e0a
Cluster node2_clus2 169.254.19.183 node2 e0b
Local = 169.254.47.194 168.254.19.183
Remote = 169.254.209.69 169.254.49.125
Cluster Vserver Id = 4294967293
Ping status:
....
Basic connectivity succeeds on 4 path(s)
Basic connectivity fails on 0 path(s)
...............
Detected 9000 byte MTU on 4 path(s):
Local 169.254.47.194 to Remote 169.254.209.69
Local 169.254.47.194 to Remote 169.254.49.125
Local 169.254.19.183 to Remote 169.254.209.69
Local 169.254.19.183 to Remote 169.254.49.125
Larger than PMTU communication succeeds on 4 path(s)
RPC status:
2 paths up, 0 paths down (tcp check)
2 paths up, 0 paths down (udp check)
```

You are preparing to replace a Cisco Nexus 92300YC switch. You have executed the cluster pingcluster node1 command and received the output as shown in the exhibit.

Which two checks indicate that the cluster is ready for the replacement to be performed? (Choose two.)

A. 2 paths up, 0 paths down (TCP check)

B. 2 paths up, 0 paths down (UDP check)

C. larger than PMTU communication succeeds on 4 path(s)

D. basic connectivity succeeds on 4 path(s)

Answer: A, D

Explanation:

Question No: 33

You want to disconnect a DS224C shelf with 3.8 TB NetApp Storage Encryption (NSE) SSDs to an AFF A300 HA pair with two DS224C shelves with 3.8 TB SSDs without NSE in one stack.

In this scenario, how would you add the shelf?

A. Add the shelf to the existing stack.

B. Create a new stack on the HA pair to add the shelf.

C. Connect the shelf to an HA pair with NSE drives.

D. License NSE and add the shelf to this HA pair as a new stack.

Answer: A

Explanation:

Question No: 34

You want to add an AFF A400 HA pair to an existing cluster.

In this scenario, which LIF type is required?

A. cluster-mgmt

B. intercluster

C. data

D. node-mgmt

Answer: B

Explanation:

Reference: https://docs.netapp.com/us-en/ontapmetrocluster/pdfs/sidebar/Add_a_new_controller_module_to_each_cluster.pdf

Question No: 35

You are preparing to add a 2-node AFF A250 system to an existing 4-node AFF A800 cluster with Cisco Nexus 3232C switches. The cluster switches are currently running the Cluster-HA RCF.

In this scenario, which two steps are required to install the AFF A250 system? (Choose two.)

A. Load the Storage RCF.

B. Cable the AFF A250 nodes to the next free ports on the switch.

C. Cable the AFF A250 nodes to the breakout ports on the switch.

D. Load the Cluster-HA-Breakout RCF.

Answer: C, D

Explanation:

Question No: 36

You are preparing for the installation of a new ONTAP 9.8 cluster and need to get the preinstallation information from the customer.

In this scenario, which NetApp tool would you use to create a configuration spreadsheet template for the deployment?

A. Interoperability Matrix Tool

B. ConfigBuilder

C. Active IQ Config Advisor

D. Active IQ Unified Manager

Answer: A

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-select/pdfs/fullsitesidebar/ONTAP_Select_documentation.pdf

Question No: 37

You have added two new AFF A250 nodes to an existing 4-node cluster with NetApp CN1610 cluster network switches. Although the nodes can join the cluster, the storage failover show command output shows that the NVRAM log is not synchronized, and it cannot reach the partner over an HA interconnect.

In this scenario, which two statements are true? (Choose two.)

A. The AFF A250 requires switches with 40GbE port support.

B. The AFF A250 uses different ports for the cluster and the HA interconnect.

C. The AFF A250 requires switches with 25GbE port support.

D. The AFF A250 uses the same port for the cluster and the HA interconnect.

Answer: B, C

Explanation:

Question No: 38

A customer is creating a new SVM to host iSCSI LUNs for a Hyper-V cluster. You need to successfully map the new LUNs and make them visible to the Hyper-V cluster.

In this scenario, which host information is required to accomplish this task?

A. IQNs

B. WWNNs

C. WWPNs

D. host names

Answer: D

Explanation:

Reference: https://docs.microsoft.com/en-us/system-center/vmm/hyper-v-storage?view=sc-vmm-2019

Question No: 39

You want to enable secure communication with the SP or BMC through CA-signed certificates.

Which two certificate types must be installed in this scenario? (Choose two.)

A. cluster certificate

B. server certificate

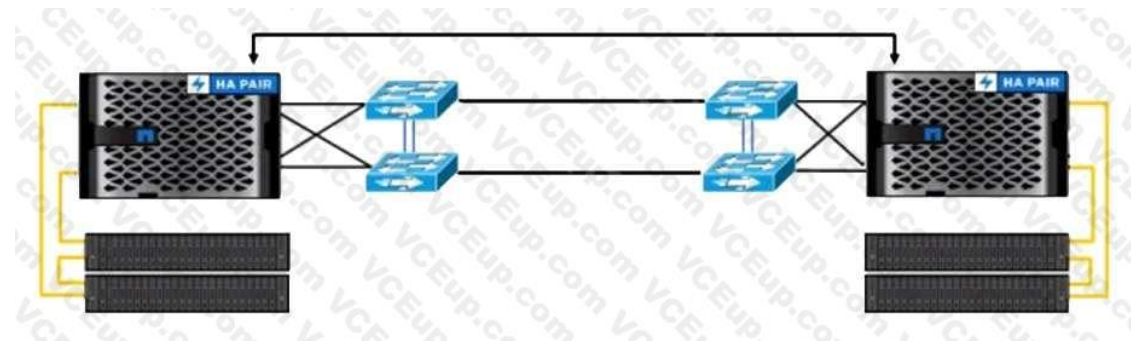C. root CA certificate

D. ONTAP certificate

Answer: B, C

Explanation:

Reference:

https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/How_to_configure_communication_between_ONTAP_and_Service_Processor_(SP)_or_BMC_with_Certificate_Authority_(CA)_signed_certifica
tes

Question No: 40

Click the Exhibit button.

What are two functions of the four Ethernet switches in the supported configuration that is shown in the exhibit? (Choose two.)

A. to provide a direct connection for the SnapMirror Synchronous (SM-S)

B. to install cross-site cluster management switches

C. to provide connectivity for NVRAM over iWARP

D. to enable SyncMirror replication

Answer: A, C

Explanation:

Question No: 41

A customer is asked to install a new AFF ASA A700 system. During the installation, the customer asks if ONTAP 9.8 is supported with their host's OS version running Windows 2016.

In this scenario, which NetApp tool would verify supportability?

A. ONTAP System Manager

B. Active IQ Unified Manager

C. Active IQ OneCollect

D. Interoperability Matrix Tool

Answer: A

Explanation:

Reference: https://docs.netapp.com/us-en/ontapsystems/pdfs/sidebar/AFF_A700_and_FAS9000_Install_and_Setup.pdf

Question No: 42

You are expanding an existing cluster that uses BES-53248 cluster interconnect switches. You connected the new controllers to ports 0/17 through 0/20. However, you are unable to join the new nodes to the cluster.

Which action must be taken to solve the problem?

A. Install the license file.

B. Install the CSHM configuration file.

C. Install the reference configuration file.

D. Reboot the controllers.

Answer: C

Explanation:

Reference: https://github.com/NetAppDocs/ontap-systems-switches/blob/main/switch-bes-53248/migrate_to_2n_switched_overview.adoc

Question No: 43

You have completed a base installation and system registration of an AFF A250 system, but you notice that you have one failed drive. Neither "un-failing" nor reseating the drive helped to repair it.

You must ensure proper replacement of the failed drive.

In this scenario, which two actions should you take? (Choose two.)

A. Ask the customer to open a technical case with NetApp Support.

B. Ask the customer for a drive with the same capacity and replace it.

C. Run Active IQ Config Advisor to collect all the logs on the system.

D. Power off the system until the drive has been replaced.

Answer: B, C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systems/a250/install-detailed-guide.html#step-1-prepare-for-installation

Question No: 44

Which two statements are true about the LIFs that are used for a cluster peer relationship? (Choose two.)

A. The MTU size must be set to 9000 bytes on all the LIFs used for the cluster peering.

B. The LIFs must use the default intercluster service policy.

C. The LIFs must be in dedicated broadcast domains an IPspaces.

D. At least one LIF per node is required on each cluster.

Answer: B, C

Explanation:

Question No: 45

You installed two separate clusters in an isolated data center without outbound network access. The customer wants to troubleshoot issues locally and also create custom Excel reports for capacity utilization from a local server.

In this scenario, which NetApp tool would satisfy this requirement?

A. Active IQ Digital Advisor

B. Active IQ Unified Manager

C. Cloud Insights

D. ONTAP System Manager

Answer: B

Explanation:

Reference: https://www.netapp.com/media/17229-tr4015.pdf

Question No: 46

You are installing a new six-node ONTAP 9.8 cluster. You have completed the initial configuration of the cluster interconnect switches and the ONTAP cluster.

In this scenario, which feature should you enable?

A. cluster switch logging

B. cluster switch health monitor

C. IPv6 on all cluster ports

D. data center bridging protocol

Answer: B

Explanation:

Reference: https://docs.netapp.com/usen/ontap/pdfs/sidebar/Configure_network_ports__cluster_administrators_only_.pdf

Question No: 47

Your customer wants to know more about the network configuration within the cluster.

In this scenario, which statement is correct about a LIF?

A. A LIF is a port that provides physical connections.

B. A LIF is created within a broadcast domain and contains a pool of IP address.

C. A LIF is an IP address or a WWPN that is associated with a port.

D. A LIF separates network domains to access cluster data.

Answer: C

Explanation:

Reference:

https://thinksystem.lenovofiles.com/storage/help/index.jsp?topic=%2Fnetwork_management_guide%2FF8E57A93-86F4-4827-8E36-BD6F7B85B8A9_.html

Question No: 48

Click the Exhibit button.

```
cluster1::*> cluster ring show
Node        UnitName Epoch   DB Epoch DB Trnxs Master      Online
----------  -------- -------- -------- -------- ----------  ---------
cluster1-01 mgmt     36       36       130      cluster1-02 secondary
cluster1-01 vldb     26       26       6        cluster1-02 secondary
cluster1-01 vifmgr   26       26       42       cluster1-02 secondary
cluster1-01 bcomd    26       26       1        cluster1-02 secondary
cluster1-01 crs      26       26       1        cluster1-02 secondary
cluster1-02 mgmt     36       36       130      cluster1-02 master
cluster1-02 vldb     26       26       6        cluster1-02 master
cluster1-02 vifmgr   26       26       42       cluster1-02 master
cluster1-02 bcomd    26       26       1        cluster1-02 master
cluster1-02 crs      26       26       1        cluster1-02 master
cluster1-03 mgmt     36       36       130      cluster1-02 secondary
cluster1-03 vldb     26       26       6        cluster1-02 secondary
cluster1-03 vifmgr   26       26       42       cluster1-02 secondary
cluster1-03 bcomd    26       26       1        cluster1-02 secondary
cluster1-03 crs      26       26       1        cluster1-02 secondary
cluster1-04 mgmt     36       36       130      cluster1-02 secondary
cluster1-04 vldb     26       26       6        cluster1-02 secondary
cluster1-04 vifmgr   26       26       42       cluster1-02 secondary
cluster1-04 bcomd    26       26       1        cluster1-02 secondary
cluster1-04 crs      26       26       1        cluster1-02 secondary
```

Immediately after installing a 4-node FAS8200 cluster, you discover that node, "cluster1-02", must be removed from the cluster. You want to use the cluster remove-node command to remove the node.

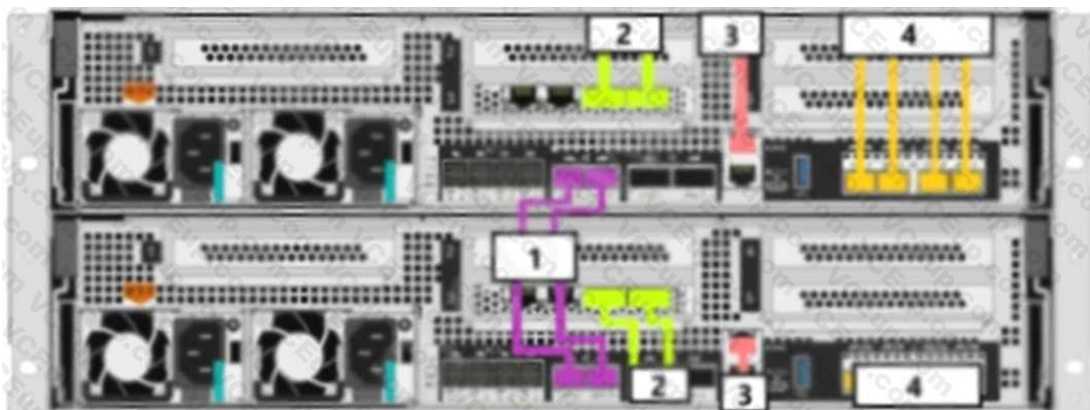Referring to the exhibit, which two statements are correct? (Choose two.)

A. Verify that high availability is configured for failover to the HA partner, then remove the node.

B. Make the node ineligible by using the cluster modify -eligibility false command, then remove the node.

C. Move Epsilon to cluster1-02, then remove the node.

D. Remove the node, then the cluster will elect a new master to remain in quorum.

Answer: A, C

Explanation:

Question No: 49

Click the Exhibit button.

You want to add an AFF A400 system to an existing 4-node cluster.

Referring to the exhibit, which number points to the ports that are used to cable the new nodes to the cluster interconnect switches.

A. 1

B. 2

C. 3

D. 4

Answer: B

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-systems/a400/install-detailed-guide.html#option-1-cable-the-controllers-to-a-single-drive-shelf

Question No: 50

Your customer plans to expand a 2-node FAS2750 switched cluster with two new controllers.

In this scenario, which two prerequisites should you examine in advance? (Choose two.)

A. Verify that the hard drives of the new controllers are compatible with the old controllers.

B. Verify that the existing cluster has a minimum 10 GB of free space for root volumes.

C. Verify that the existing switches support the additional controllers.

D. Verify that the platform of the new controllers can be mixed with the cluster's existing controllers.

Answer: B, D

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-smclassic/expansion/task_verifying_planned_configuration.html

Question No: 51

You want to use the NetAppDocs tool to collect information on a newly configured ONTAP 9.8 cluster and to generate a Word document with the details of the cluster configuration.

Which two data sources would you use to collect the necessary data? (Choose two.)

A. Active IQ Digital Advisor

B. Active IQ Unified Manager

C. ONTAP Cluster

D. AutoSupport packages

Answer: B, C

Explanation:

Question No: 52

You are setting up a peer relationship between two ONTAP clusters.

In this scenario, which two statements are true regarding authentication?

A. Peering authentication status can be verified with the cluster peer show command.

B. Peering authentication can be configured using LDAP users and groups.

C. Peering authentication is required before enabling peering encryption.

D. Peering authentication can use an ONTAP generated passphrase.

Answer: A, D

Explanation:

Reference: https://docs.netapp.com/us-en/ontap/peering/create-cluster-relationship-93-latertask.html

Question No: 53

You installed a new 4-node AFF A400 ONTAP 9.8 cluster. The AFF400 controller data ports were automatically discovered by "automatic port placement".

In this scenario, which two ONTAP network settings were automatically configured? (Choose two.)

A. routes

B. IPspaces

C. broadcast domains

D. subnets

Answer: A, D

Explanation:

Question No: 54

After the Installation of a new NetApp FAS system, you use theNetAppDocs tool for site design documentation.

In this scenario, in which three document formats would you create an inventory report? (Choose three.)

A. .docx

B. .html

C. .pdf

D. .ps

E. .xlsx

Answer: A, B, C

Explanation:

Question No: 55

You are deploying an 8-node AFF A700 by using BES-53248 cluster switches. During the installation, you notice that ports higher than 16 are not coming online. You verify that the additional licenses are installed.

Which two additional steps must be taken to bring the additional ports online? (Choose two.)

A. Reload the firmware

B. Reload the RCF file

C. Re-enable each port

D. Reload the switch

Answer: B, D

Explanation:

Reference: https://thinksystem.lenovofiles.com/storage/help/index.jsp?topic=%2Fhw-sw-ix8-setup%2F43A528F5-967F-432E-94CE-89A38234A8DC_.html

Question No: 56

When creating a new 3.8 TB SSD-based aggregate, what is the default RAID type used with ONTAP 9.8?

A. RAID 4

B. RAID-TEC

C. RAID 0

D. RAID DP

Answer: D

Explanation:

Reference: http://docs.netapp.com/us-en/ontap/disks-aggregates/default-raid-policies-aggregatesconcept.html

Question No: 57

After adding two nodes to an FC-enabled cluster, the storage administrator wants to ensure that existing LUNs can use paths on the new nodes.

What is required to complete this task?

A. Use the storage port rescan command.

B. Use the lun mapping add-reporting-nodes command.

C. Use the lun bind create command.

D. Rescan the bus on the hosts by using the rescan-scsi-bus.sh script.

Answer: A, B

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-smclassic/expansion/task_updating_lun_paths_for_new_nodes.html

Question No: 58

Click the Exhibit button.

Referring to the exhibit, you installed a new AFF A250 HA system with FC at a customer site. The customer asks how many ports can be used for the Ethernet host connections.

In this scenario, what would you tell the customer?

A. 4

B. 8

C. 10

D. 12

Answer: D

Explanation:

Question No: 59

On which type of network interfaces are the cluster interconnect LIFs created?

A. on an FC or FCoE port

B. on an interface group

C. on a UTA port shared with other LIFs

D. on a physical port

Answer: B

Explanation:

Question No: 60

A storage administrator is trying to upgrade a pair of FAS2520s with internal SATA storage to a new 2- node FAS8300 cluster. The storage administrator wants to preserve the existing data.

In this scenario, which two capabilities are available to the storage administrator? (Choose two.)

A. the ability to move the volumes from the old nodes to the new nodes

B. the ability to pull out the tray of internal disks of the FAS2520s and reseat the tray in the internal storage of the FAS8300s

C. the ability to create a 4-node MetroCluster across the four nodes

D. the ability to convert the FAS2520s to disk shelves and attach them to the new nodes

Answer: CD

Explanation: