Network-Appliance

Exam Questions NS0-184

NetApp Certified Storage Installation Engineer - ONTAP

NEW QUESTION 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

NEW QUESTION 2
Which logical interface has a fixed firewall policy?

A. data LIF
B. cluster management LIF
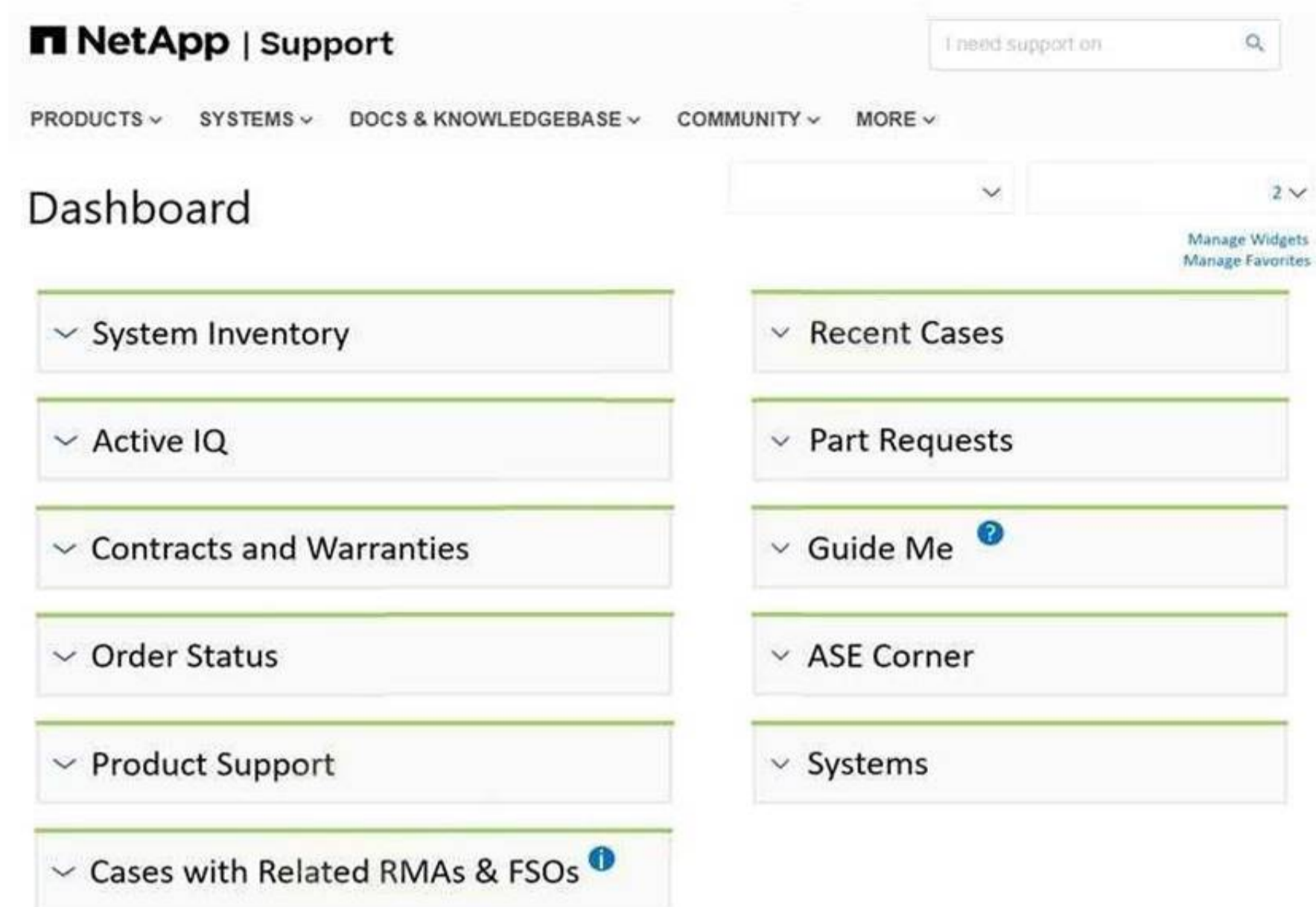C. cluster LIF
D. intercluster LIF

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

NEW QUESTION 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: AC

NEW QUESTION 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: AD

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

NEW QUESTION 5
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. NSE
B. NAE
C. IPsec
D. NVE

Answer: BD

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

Both data, including Snapshot copies, and metadata are encrypted. Access to the data is given by a unique XTS-AES-256 key, one per volume. An external key management server or Onboard Key Manager serves keys to nodes:

- The external key management server is a third-party system in your storage environment that serves keys to nodes using the Key Management Interoperability Protocol (KMIP). It is a best practice to configure external key management servers on a different storage system from your data.

- The Onboard Key Manager is a built-in tool that serves keys to nodes from the same storage system as your data.

NEW QUESTION 6
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
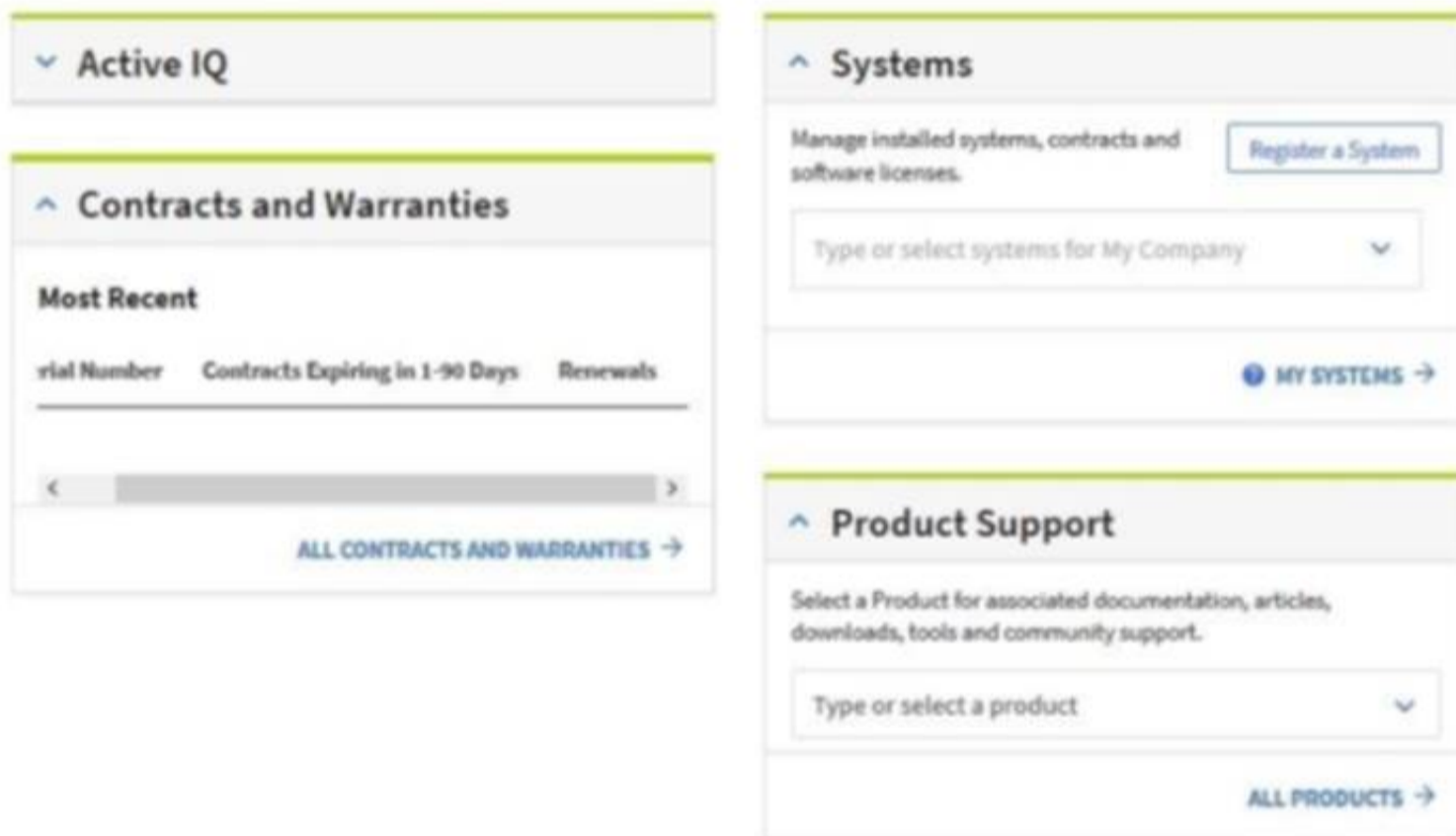capacity utilization from a local server.
In this scenario, which NetApp tool would satisfy this requirement?

A. Active IQ Digital Advisor
B. Cloud Insights
C. ONTAP System Manager
D. Active IQ Unified Manager

Answer: D

NEW QUESTION 7
Click the Exhibit button.

While you are introducing the customer to the NetApp Support website, they ask you to ensure that the new ONTAP storage array is covered by support before you complete the knowledge transfer procedure. Referring to the exhibit, which two widgets would you select to accomplish this task?
(Choose two.)

A. Active IQ
B. Product Support
C. Systems
D. Contracts and Warranties

Answer: CD

NEW QUESTION 8
You are adding new nodes to a 2-node switchless cluster. According to NetApp, what must you do before adding the nodes?

A. You must configure cluster peering.
B. must install interconnect switches.
C. You must configure vserver peering.
D. You must enable a cluster HA

Answer: B

NEW QUESTION 9
According to NetApp documentation, what should be used when using the Cluster Switch Health Monitor (CSHM) and log collection features?
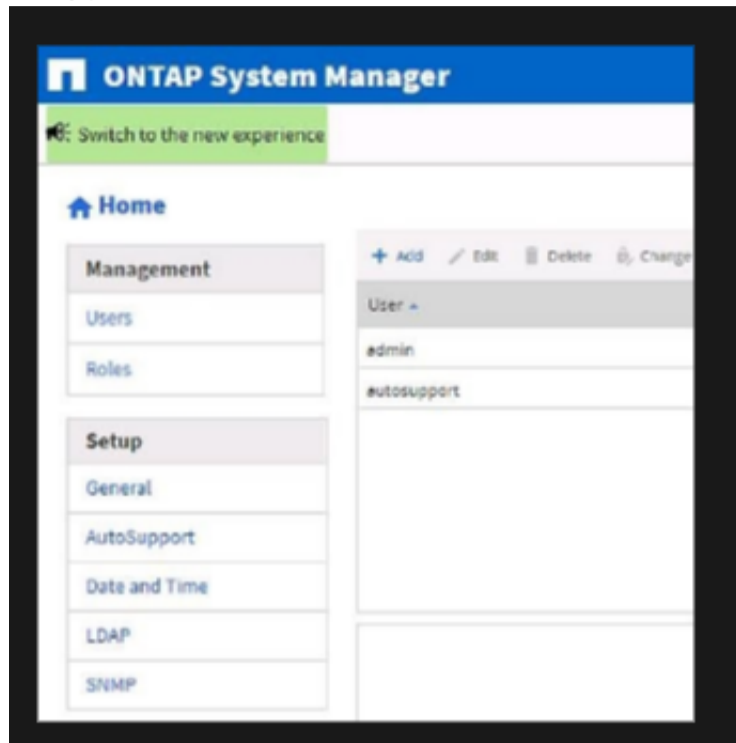
A. Telnet

B. HTTP
C. SSL
D. SSH

Answer: D

NEW QUESTION 10
Exhibit:

You finished installing an ONTAP cluster and must inform the customer of the completion. As part of this exercise, you will show how to configure the ONTAP cluster using ONTAP System Manager, so that NetApp will receive notifications of any future issues. What would you select to allow the customer to receive this information?

A. General
B. Date and Time
C. Users
D. AutoSupport

Answer: D

NEW QUESTION 10
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: BC

Explanation:
Explanation\:
Reference: https://www.cisco.com/c/en/us/products/collateral/storage-networking/mds-9700-seriesmultilayerdirectors/
cisco-ucs-mds.html
https://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-x-series-modularsystem/
flexpod-datacenter-ucs-intersight.html

NEW QUESTION 14
Click the Exhibit button.
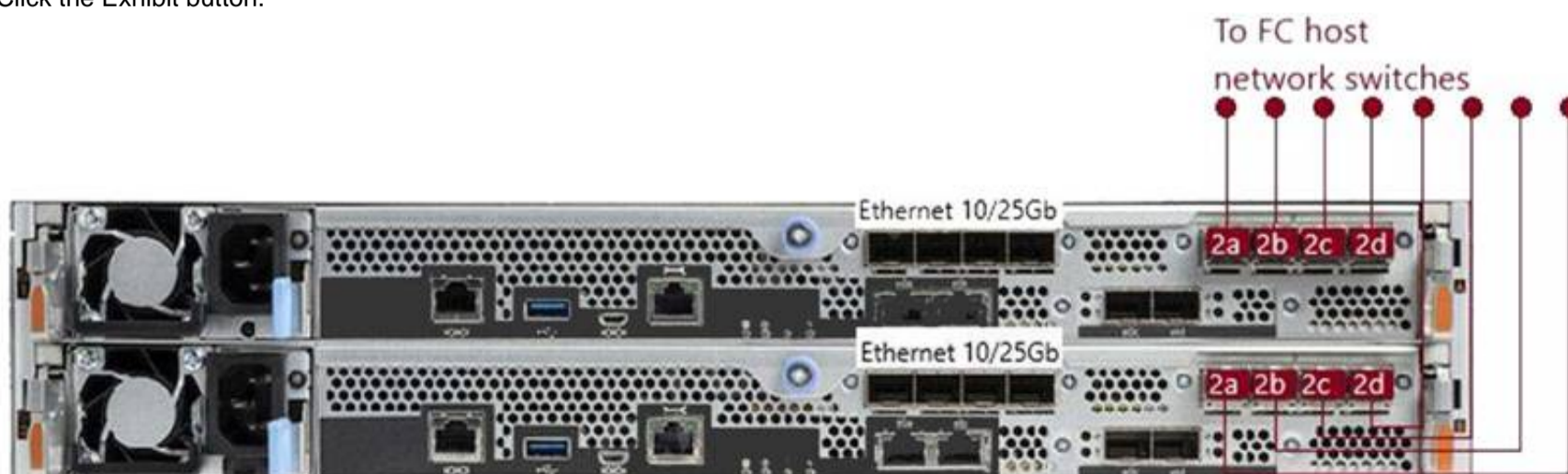
Referring to the exhibit, you installed a new AFF A250 HA system with FC at a customer site. The customer asks how many ports can be used for the Ethernet host connections.
In this scenario, what would you tell the customer?

A. 4
B. 8
C. 10
D. 12

Answer: D

NEW QUESTION 18
You are adding new controllers to an existing cluster. As part of the upgrade process, you have updated
the BES-53248 cluster switches. In this scenario.
Which two commands would you use to verify a healthy cluster after the upgrade? (Choose two.)

A. network port show -ipspace Cluster
B. network interface show -vserver Cluster
C. network device-discovery show -protocol cdp
D. network interface show -vserver Cluster -fields auto-revert

Answer: AB

NEW QUESTION 19
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,
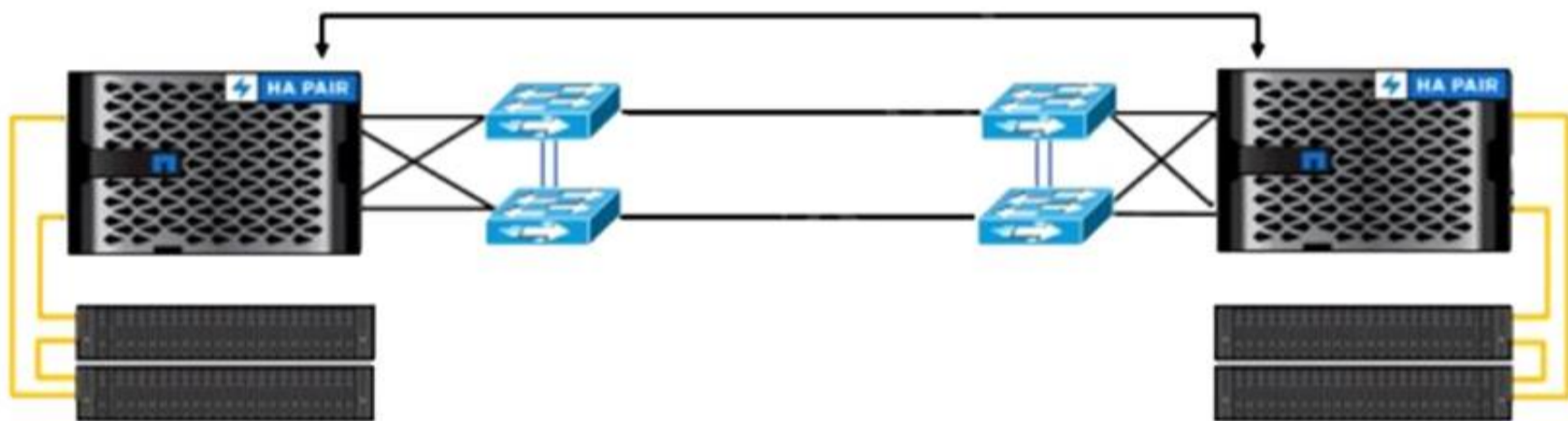you are unable to join the new nodes to the cluster.
Which action must be taken to solve the problem?

A. Install the license file.
B. Install the CSHM configuration file.
C. Install the reference configuration file.
D. Reboot the controllers.

Answer: C

NEW QUESTION 24
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: AC

NEW QUESTION 26
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: BC

Explanation:
Reference:
https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/How_to_c
onfigure_communication_between_ONTAP_and_Service_Processor_(SP)_or_BMC_with_Certificate_
Authority_(CA)_signed_certificates

NEW QUESTION 28
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

NEW QUESTION 29
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

NEW QUESTION 34
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: AD

NEW QUESTION 35
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

NEW QUESTION 37
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

NEW QUESTION 41
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

NEW QUESTION 43
Your customer is migrating data from a legacy FAS8020 system that runs ONTAP9.5 software to a
new AFFA250 MetroClusteroverIP configuration.
In this scenario, which two methods would be supported to migrate the data? (Choose two.)

A. PerformacontrollerswapfromtheFAS8020totheAFFA250s.
B. Create a4-node cluster on one side and use the volmove commandtomigrate the data.
C. Useahost-basedcopymigrationmethod.
D. ConfigureaSnapMirrorcopybetweentheFAS8020andtheAFFA250systems.

Answer: AD

NEW QUESTION 45
You have a 2-node FAS8300 switchless ONTAP 9.8 clusterthatserves NAS volumes. You have a data
SVMthat connectstothe network usingmultimodeLACPwithVLANtags.
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

NEW QUESTION 50
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. Createanew2-nodeswitchedclusterthatusestheCN1610clusterswitches.
C. Createanew2-nodeswitchlesscluster.
D. Migrate the existing cluster to new switches and add the new nodes.

Answer: BD

Explanation:
Reference:
https://kb.netapp.com/Advice_and_Troubleshooting/Flash_Storage/AFF_Series/Controller_Hardwar
e_Upgrade3A_Adding_AFF_A250_nodes_to_existing_cluster_report_HA_interconnect_errors_and_c
annot_perform_takeover

NEW QUESTION 52
You want to add an AFF A400HA 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

NEW QUESTION 55
Click the Exhibit button.

My cases

My Cases

Create a Case

Cases for My Company ∨

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: BC

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

NEW QUESTION 58
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

NEW QUESTION 60
Click the Exhibit button.
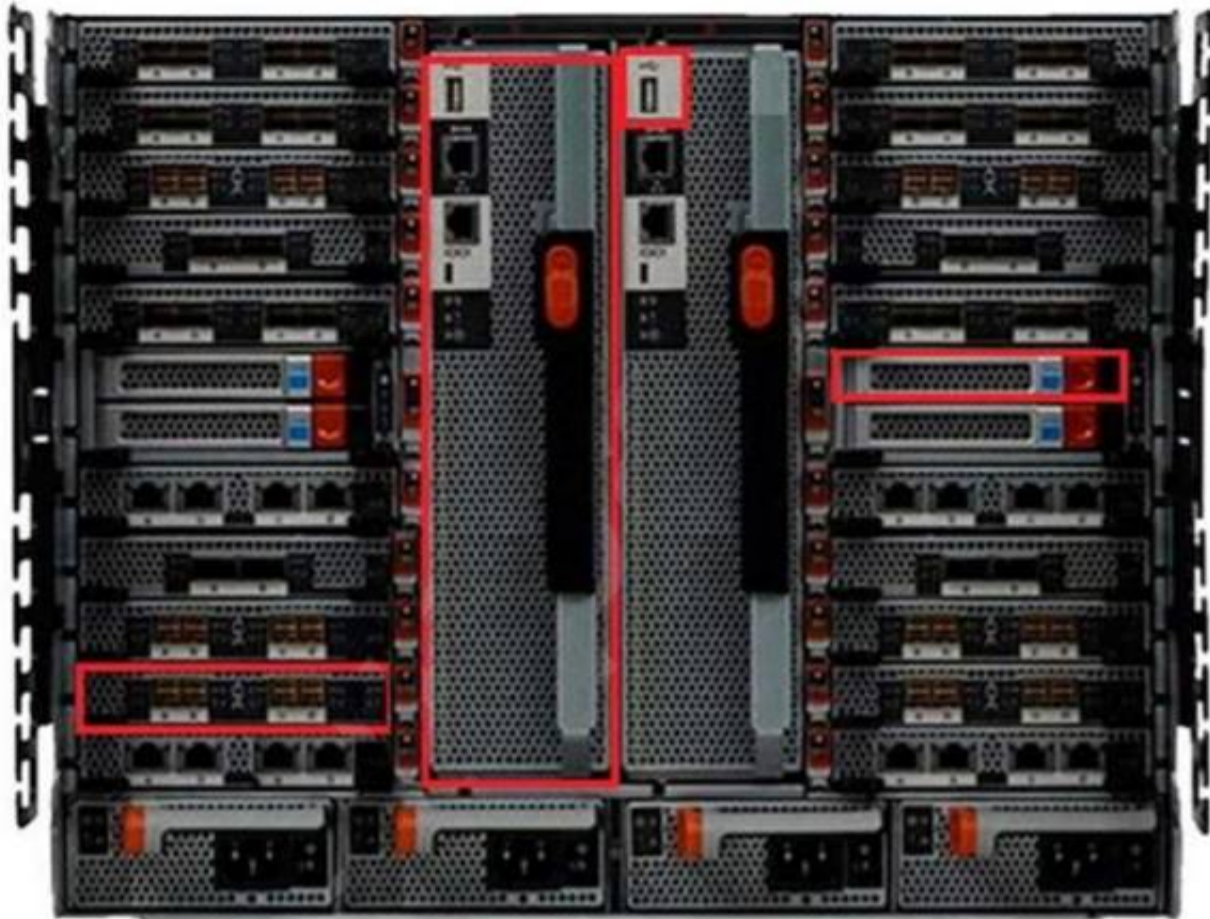
Which set of components on a FAS9000 are highlighted in the exhibit?

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

NEW QUESTION 65
Your customer currently has a 4-node AFF A400 cluster that runs ONTAP 9.8, with twoNS224 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 newNS224 shelves to the existingNS224 shelves and adjust the shelfIDs.
B. ConnectthenewNS224shelvestotheexistingCiscoNexus3232Cswitches
C. Deploy a new AFFA400 to the cluster.
D. Deploy new,dedicated,storageswitchesforthenewNS224shelves.

Answer: AC

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

NEW QUESTION 67
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

NEW QUESTION 69
YouareusingBroadcomBES-53248switchesforaclusterinterconnectinabaseconfiguration. In
thisscenario,whatistheminimumnumberofISLssupportedbetweentheswitches?

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)

NEW QUESTION 74

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