Exam Code: NS0-162
Exam Name: NetApp Certified Data Administrator, ONTAP

Exam A

QUESTION 1
After deploying an AFF A400, you want to deploy a storage virtual machine (SVM) to serve SMB dat a. Which three conditions must exist in this scenario? (Choose three.)

A. You must have sufficient space for the root volume.
B. You must have a non-root aggregate in the online state.
C. You must have encryption enabled on the root volume.
D. You must synchronize the cluster time.
E. You must have configured the export policies.

Correct Answer: A, D, E
Section:

QUESTION 2
Exhibit

```
cluster1::*> statistics show -object resource_headroom_cpu -raw -counter
ewma_hourly

Object: resource_headroom_cpu
Instance: CPU_stl2520-213
Start-time: 2/9/2020 16:06:27
End-time: 2/9/2020 16:06:27
Scope: stl2520-213

    Counter                                         Value
    -------------------------------- --------------------------------
    ewma_hourly                                         -
                         current_ops                  4376
                     current_latency                 37719
                 current_utilization                    96
                     optimal_point_ops               2573
                 optimal_point_latency                3589
             optimal_point_utilization                  72
         optimal_point_confidence_factor                 1

Object: resource_headroom_cpu
Instance: CPU_stl2520-214
Start-time: 2/9/2020 16:06:27
End-time: 2/9/2020 16:06:27
Scope: stl2520-214

    Counter                                         Value
    -------------------------------- --------------------------------
    ewma_hourly                                         -
                         current_ops                 10320
                     current_latency                 47232
                 current_utilization                    88
                     optimal_point_ops               2573
                 optimal_point_latency                3589
             optimal_point_utilization                  71
         optimal point confidence factor                 1
```

You have a 2-node FAS8300 switchless cluster. You ran the performance capacity report to see the last hour of performance Referring to the exhibit, which two statements describe the performance? (Choose two.)

A. The CPU has been underutilized.
B. The CPU has been over utilized.
C. A storage failover event will cause performance issues.
D. A storage failover event will have no performance degradation.

Correct Answer: B, C

Section:

QUESTION 3

You have deployed an ONTAP C190 cluster enabled with the iSCSI protocol. Your manager asks for available options to protect the data on your cluster using the native SnapMirror technology.
In this scenario, which two products would satisfy this request? (Choose two.)

A. ONTAP Select

B. Cloud Volumes ONTAP

C. Cloud Volumes Service for AWS

D. Azure NetApp Files

Correct Answer: A, B
Section:

QUESTION 4
Exhibit

```
cluster::> volume show -vserver SVM_A
Vserver    Volume      Aggregate   State    Type      Size   Available  Used%
--------   ---------   ---------   ------   ------   ------  ---------  -----
SVM_A      SVM_A_root  aggr1       online   RW        1GB    970.7MB    0%
SVM_A      VOL_A       aggr1       online   RW       100GB    95.00GB    0%
2 entries were displayed.

cluster::> qos adaptive-policy-group show -policy-group apg-VOL-A

                         Name: apg-VOL-A
                      Vserver: SVM_A
                         Uuid: 402a3ae5-6ba3-11eb-ba3a-00a0988887c0
                           ID: 13773
                Expected IOPS: 1000IOPS/TB
                    Peak IOPS: 2000IOPS/TB
        Absolute Minimum IOPS: 500IOPS
     Expected IOPS Allocation: allocated-space
         Peak IOPS Allocation: used-space
                   Block Size: ANY
          Number of Workloads: 1
```

Referring to the exhibit, what is the maximum possible IOPS for the VOL_A volume?

A. 1000 IOPS

B. 500 IOPS

C. 2000 IOPS

D. 100 IOPS

Correct Answer: B
Section:

QUESTION 5
Exhibit.

Network Interfaces

	Interface Name	Storage Virtual Machine (SVM)	IP Address/WWPN	Current P...	Home Port	Data Protocol Access
❌	epic_2_n1_2a	epic_2	20:2b:00:a0:98:e2:27:ce	A800_1:2a	Yes	fc_nvme
❌	epic_2_n2_2a	epic_2	20:2a:00:a0:98:e2:27:ce	A800_2:2a	Yes	fc_nvme
❌	epic_fcp_n1_2a	epic_fcp	20:05:00:a0:98:e2:27:ce	A800_1:2a	Yes	fcp
❌	epic_fcp_n1_3a	epic_fcp	20:07:00:a0:98:e2:27:ce	A800_1:3a	Yes	fcp
❌	epic_fcp_n2_2a	epic_fcp	20:25:00:a0:98:e2:27:ce	A800_2:2a	Yes	fcp
❌	epic_fcp_n2_3a	epic_fcp	20:39:00:a0:98:e2:27:ce	A800_2:3a	Yes	fcp
✅	epic_1_n1_2a	epic_1	20:28:00:a0:98:e2:27:ce	A800_1:2a	Yes	fc_nvme
✅	epic_1_n2_2a	epic_1	20:29:00:a0:98:e2:27:ce	A800_2:2a	Yes	fc_nvme
✅	epic_2_n1_3a	epic_2	20:37:00:a0:98:e2:27:ce	A800_1:3a	Yes	fc_nvme
✅	epic_2_n2_3a	epic_2	20:38:00:a0:98:e2:27:ce	A800_2:3a	Yes	fc_nvme
✅	A800_1_fc_lif_1	storage_eff	20:14:00:a0:98:e2:27:ce	A800_1:2c	Yes	fcp
✅	A800_2_fc_lif_1	storage_eff	20:15:00:a0:98:e2:27:ce	A800_2:2c	Yes	fcp

Referring to the exhibit, what would cause a customer to have an Issue with SVM eplc_fcp when mapping a namespace to a host?

A. FC has not been licensed on the cluster.

B. NVMe Is not configured for the SVM.

C. FC switch zoning has not been done correctly.

D. NVMe is not licensed on the cluster.

Correct Answer: B
Section:

QUESTION 6
A user wants existing data in a FlexVol created in ONTAP 9.1 to be placed into a FlexGroup volume with ONTAP 9.8. In this scenario, which two statements are true? (Choose two.)

A. Use XCP to copy data from a FlexVol to a FlexGroup.

B. Use SnapMirror to replicate data from FlexVol to FlexGroup.

C. You can convert the FlexVol volume to a FlexGroup volume.

D. A FlexVol to FlexGroup conversion is not supported.

Correct Answer: B, C
Section:
Explanation:
Starting with ONTAP 9.7, you can perform an in-place conversion of a FlexVol volume to a FlexGroup volume without requiring a data copy or additional disk space. Starting with ONTAP 9.7, you can convert standalone FlexVol volumes or
FlexVol volumes that are in a SnapMirror relationship to FlexGroup volumes.
Reference: https://docs.netapp.com/ontap-9/topic/com.netapp.doc.pow-fg-mgmt/GUID-A4353B0EC0F7-4C0D-9E72-2989543FEC97.html

QUESTION 7
You want to prepare your ONTAP cluster and your ESXI cluster to connect NFS datastores over a 10- GbE network using Jumbo frames. In this scenario, which three configurations would accomplish this task? (Choose three.)

A. Enable jumbo frames with an MTU of 9000 for your ESXi hosts.

B. Enable jumbo frames with an MTU of 9216 for your switches.

C. Enable Jumbo frames with an MTU of 1500 for your ESXI hosts.

D. Enable Jumbo frames with an MTU of 1500 for your ONTAP cluster.

E. Enable Jumbo frames with an MTU of 9000 for your ONTAP cluster.

Correct Answer: A, B, E
Section:
Explanation:
Reference: https://library.netapp.com/ecm/ecm_download_file/ECMLP2496234 (9)

QUESTION 8
You ate the administrator of an ONTAP 9.8 cluster. You have configured an hourly snapshot schedule for all NAS volumes. One of your users accidentally deleted an Important spreadsheet file on an SMB share. The file needs to be restored as quickly as possible by the Windows user.
Which statement is correct in this scenario?

A. On the cluster CLI, execute the volume clone create command with the -parent-snapshot option set to the latest Snapshot copy and share the cloned volume as an SMB share, then copy the file back.

B. On the cluster CLI, execute the volume snapshot restore-file command with the options to select the Snapshot, path, and restore-path

C. In ONTAP System Manager, navigate to the volume where the share resides, click on snapshot copies and restore the latest Snapshot copy.

D. In Windows Explorer, right-click on the SMB share where the file was deleted, go to previous versions select the file and copy It to the original location.

Correct Answer: D
Section:
Explanation:
Reference: https://docs.microsoft.com/en-us/azure/azure-netapp-files/azure-netapp-files-managesnapshots

QUESTION 9
You ate attempting to establish a SnapMlrror relationship between your ONTAP cluster (AcmeClusOl) and a partner company's ONTAP cluster (WidgetsClusOl). The clusters are unable to establish a peering relationship. You perform a packet capture on WldgetsClusOl and do not see any packets from AcmeClusOl. You also discover that the IP subnet that Is used for WidgetsClusOl's intercluster LIFs overlaps with a local subnet at your company.
In this scenario, which feature would enable AcmeClusOl and WidgetsClusOl to peer with each other?

A. VLANs

B. broadcast domains

C. IPspaces

D. ONTAP subnets

Correct Answer: C
Section:
Explanation:
https://kb.netapp.com/Advice_and_Troubleshooting/Data_Protection_and_Security/SnapMirror/How_to_create_and_configure_Cluster_Peering_with_designated_InterCluster_LIFs_using_IPSpaces

QUESTION 10
You are the administrator of an ONTAP 9.8 cluster. Your company wants to know how many files are In the NAS volumes of the cluster and how old these files are.
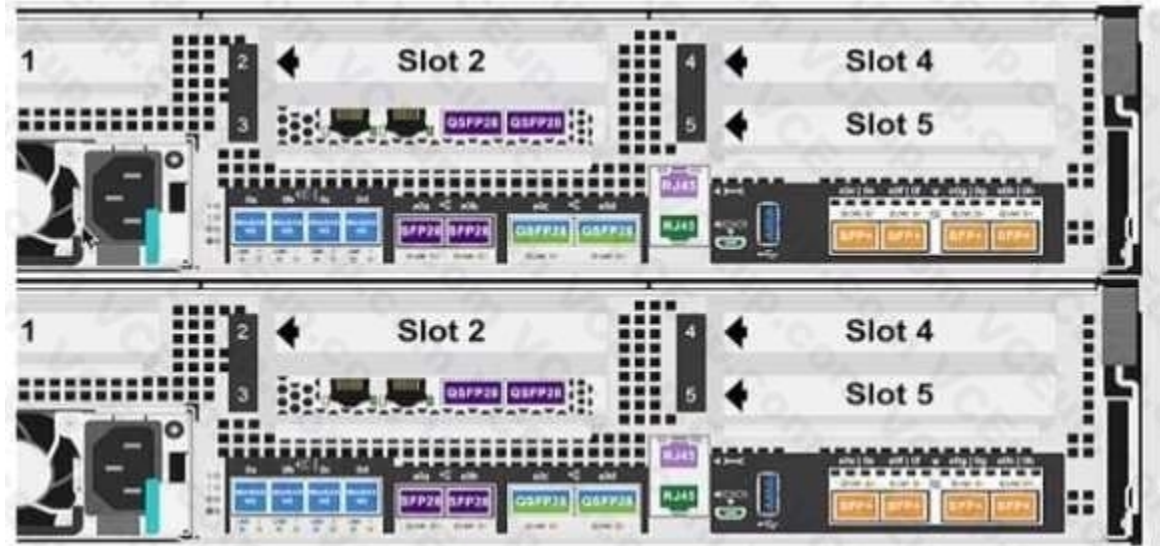Which two tools fulfill this requirement? (Choose two.)

A. Active IQ Config Advisor

B. Active IQ Unified Manager

C. ONTAP System Manager

D. ONTAP CLI

Correct Answer: C, D

QUESTION 11
Exhibit.

You are adding a NetApp AFF A400 system to an existing 4-node cluster and want to know which ports you would use to expand your cluster.
Referring to the exhibit, which tool would you use to accomplish this task?

A. Active 1Q Unified Manager
B. NetApp Interoperability Matrix (IMT)
C. Active IQ Conflg Advisor
D. NetApp Hardware Universe (HWU)

Correct Answer: D
Section:

QUESTION 12
Your company wants their newly Installed ONTAP system to automatically send telemetry data to NetApp to provide early notification of any security risks, bug fixes, and ONTAP updates.
Furthermore, In case of hardware failures, a support case should be opened automatically at NetApp.
Which two NetApp components satisfy the requirements? (Choose two.)

A. Cloud Insights
B. Active IQ
C. ONTAP AutoSupport
D. Active IQ Unified Manager

Correct Answer: B, C
Section:
Explanation:
Cases can be initiated automatically by our systems installed at customer sites via our ActiveIQ/AutoSupport technology. Source: https://mysupport.netapp.com/site/info/policies-andofferings

QUESTION 13
Which two types of capacity tiers are supported with FabricPool aggregates In ONTAP 9.8? (Choose two.)

A. SWIFT Object Store

B. NFS Export

C. StorageGRID Object Storage

D. S3 Object Store

Correct Answer: C, D
Section:
Explanation:
Reference: https://www.netapp.com/pdf.html?item=/media/7335-sb-3692pdf.pdf&v=202093858

QUESTION 14
A customer wants to migrate a series of LUNs from a third-party array to a FAS. In this scenario, which two tools would the customer use? (Choose two.)

A. ADP

B. XCP

C. FLI

D. NKS

Correct Answer: B, C
Section:
Explanation:
Migrate a series of LUNs from a third-party array to a FAS.

QUESTION 15
You need to configure data-at-rest encryption for your NetApp ONTAP 9.8 cluster. Your company does not have Key Management Interoperability Protocol (KMIP) services available but must require a passphrase to be entered when a node
Is rebooted.
In this scenario, which two actions should be performed to satisfy these requirements? (Choose two.)

A. Configure an external key management server.

B. Enable onboard key management.

C. Enable cluster-wide FIPS-compliant mode.

D. Enable common criteria mode.

Correct Answer: B, D
Section:
Explanation:
Enabling onboard key management by default you are not required to enter a passphrase when the node is rebooted. To be asked the password , you need to enable the common criteria mode also.
Reference: https://docs.netapp.com/ontap-9/topic/com.netapp.doc.pownve/Encryption%20of%20data%20at%20rest.pdf

QUESTION 16
You are asked by your network engineering team to make sure that your NetApp cluster is configured to run LACP on Its network ports. Which network component satisfies this request?

A. VLAN

B. Interface group

C. broadcast domain

D. failover group

Correct Answer: B
Section:
Explanation:
Reference: https://library.netapp.com/ecm/ecm_download_file/ECMP1401193 (19)

QUESTION 17
Which two statements are true about NVMe? (Choose two.)

A. NQNs are added to namespaces.
B. LUNs are mapped to Initiator groups.
C. NQNs are added to subsystems.
D. Namespaces are mapped to subsystems.

Correct Answer: C, D
Section:
Explanation:
Reference: http://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cmsanag%2FGUID-52A6B6A1-61F8-4845-91CB-B13A1526CC30.htmlAdd the host NQN to the subsystem: vserver nvme subsystem host add -vserver SVM_name -subsystem Subsystem_name -host-nqn Host_NQN:subsystem.Subsystem_name Map the namespaceto the subsystem: vserver nvme subsystem map add -vserver SVM_name -subsystemsubsystem_name -path path

QUESTION 18
After creating several volumes, you notice that the hosting aggregates Immediately show a decrease In available space. Which volume setting would prevent this outcome?

A. space SLO set to "thick"
B. space guarantee set to "none"
C. space SLO set to "semi-thick"
D. space guarantee set to "volume"

Correct Answer: B
Section:

QUESTION 19
You are asked to deploy a 2-node ONTAP Select cluster. The physical hardware Is located In two different locations and you want the aggregates mirrored synchronously between the two data centers. You must ensure high availability and automated switchover.
In this scenario, which two steps would you take to fulfill this requirement? (Choose two.)

A. Ensure that the ONTAP Select Deploy VM resides at a third location other than the two data centers.
B. Install the SnapMirror Sync license on the cluster.
C. Use ONTAP Mediator service to make sure that you have a quorum for the two nodes.
D. Use ONTAP Select Deploy to Install the nodes on the physical hardware.

Correct Answer: A, C
Section:
Explanation:
https://docs.netapp.com/us-en/ontap-select/reference_plan_ots_two_node.htmlWhen a cluster consists of two nodes, it is not possible to achieve the quorum required when a nodefails or loses communication. To resolve these types of split-brain situations, every instance of theONTAP Select Deploy utility includes a mediator service. If you have one or more active two-nodeclusters, the ONTAP Select Deploy virtual machine administering the clusters must be running at alltimes.

QUESTION 20

You want to enable the Internal ONTAP engine that quickly Identifies the file and directory differences between two Snapshot copies. In this scenario, which feature would accomplish this task?

A. SnapVault

B. SnapCenter

C. SnapDIff

D. SnapLock

Correct Answer: C
Section:
Explanation:
Reference: https://library.netapp.com/ecmdocs/ECMP1196874/html/GUID-C2793E0D-0AB5-40FD-9F36-324F3178FF6F.html

QUESTION 21
An application owner at your organization requests a solution for zero RTO In the event of a failure In your primary data center, where you are using NetApp ONTAP 9.8 software with ISCSI LUNs. The owner wants to avoid reconfiguring the application.
Which NetApp solution would you propose to fulfill these requirements?

A. SyncMIrror

B. SnapMirror Business Continuity (SM-BC)

C. SVM Disaster Recovery (SVM DR)

D. SnapMirror Synchronous (SMS)

Correct Answer: B
Section:
Explanation:
Reference: https://docs.netapp.com/ontap-9/topic/com.netapp.doc.powdap/Data%20protection.pdf

QUESTION 22
SnapMirror Business Continuity (SM-BC) relies on a component to trigger an automatic unplanned failover (AUFO). In this scenario, what is this component?

A. ONTAP Deploy

B. Tiebreaker software

C. ONTAP Mediator

D. Cloud Manager

Correct Answer: C
Section:
Explanation:
Reference: https://docs.netapp.com/usen/ontap/smbc/smbc_admin_what_happens_during_an_automatic_unplanned_failover.html

QUESTION 23
You have an Internet of Things (IoT) application that will use SMB shares on a remote ONTAP Select Instance. There are no name services and only a local network Is available at the remote IoT site.
In this scenario, which two features are supported by ONTAP software for the IoT application?
(Choose two.)

A. Active Directory users

B. SMB Server in workgroup mode

C. SMB3 Witness protocol

D. CIFS local users

Correct Answer: B, D
Section:
Explanation:
https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/Is_Workgroup_Mode_Supported_for_CIFS_or_SMB_in_ONTAP

QUESTION 24
Your company requires WORM archiving of data on their ONTAP cluster. The data must not be able to be deleted even by an administrator. Which ONTAP feature fulfills this requirement?

A. SnapLock Compliance

B. SnapMlrror software

C. SnapLock Enterprise

D. SnapVault software

Correct Answer: A
Section:
Explanation:
Reference: http://doc.agrarix.net/netapp/doc/Archive%20and%20Compliance%20Management%20Guide.pdf (9)
https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.pow-arch-con%2FGUIDB0D72285-9301-4A20-B68A-8C64A317E995.html

QUESTION 25
Exhibit.

```
cluster1::> cluster peer show -instance

                      Peer Cluster Name:  cluster2
          Remote Intercluster Addresses:  cluster2-d2, 10.98.234.246
        Availability of the Remote Cluster:  Partial
                    Remote Cluster Name:   cluster2
                    Active IP Addresses:  10.98.234.246, 10.98.234.243
                  Cluster Serial Number:  1-80-123456
                   Remote Cluster Nodes:  cluster2-01, cluster2-02
                  Remote Cluster Health:  false
                 Unreachable Local Nodes:  -
            Address Family of Relationship:  ipv4
        Authentication Status Administrative:  use-authentication
          Authentication Status Operational:  ok
                       Last Update Time:  02/05 21:05:41
              IPspace for the Relationship:  Default
```

The availability of the remote cluster in the peering relationship shows "Partial." Referring to the exhibit, what is the reason for this status message?

A. The remote cluster does not have its cluster license applied properly.

B. The local cluster is unable to authenticate successfully to the remote cluster.

C. Some nodes in the local cluster are not able to contact some or all nodes in the remote cluster.

D. The Intercluster LIFs on the local cluster are unavailable and not able to communicate to the remote cluster.

Correct Answer: C

Section:
Explanation:
Some nodes in the local cluster are not able to contact some or all nodes in the remote cluster.
Partial - The peer cluster availability status will be Partial only if some nodes in the local cluster are not able to contact some or all nodes in the peer cluster. https://docs.netapp.com/ontap-9/topic/com.netapp.doc.dot-cm-cmpr-991/ cluster__peer__show.html?cp=5_1_10_18_5

QUESTION 26
You have commissioned a new AFF A250 MetroCluster over IP configuration. Your company requires an automatic switchover to the surviving site In case of a site disaster.
What do you need to configure to fulfill this requirement?

A. cluster failover

B. ONTAP Mediator service

C. storage failover

D. automated unplanned switchover

Correct Answer: B
Section:
Explanation:
Reference: https://docs.netapp.com/us-en/ontapmetrocluster/pdfs/sidebar/Install_a_MetroCluster_IP_configuration.pdf (3)Starting with ONTAP 9.7, the ONTAP Mediator service can assist the MetroCluster IP configuration inperforming an automatic unplanned switchover by providing a physically separate repository forstatus information.

QUESTION 27
You are currently using SnapMIrror Synchronous (SM-S) to protect a critical workload at your organization and you want to convert the SnapMIrror policy from Sync to StrictSync.
In this scenario, which procedure allows you to achieve this task?

A. Recreate the SnapMirror relationship, specifying the strictsync policy, then re-synchronize it.

B. Modify the existing SnapMirror relationship specifying the strictsync policy, then re-synchronize It.

C. Recreate the SnapMIrror relationship, specifying the strictsync policy, then promote It.

D. Modify the existing SnapMirror relationship specifying the strictsync policy, then promote It.

Correct Answer: A
Section:
Explanation:
KB included in the reference also confirms C is the correct answer. Here is another KB also confirming; https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom. netapp.doc.powdap%2FGUID-AE2302D3-E489-43FE-B64F-1D351DAC6787.html
Reference: https://www.netapp.com/pdf.html?item=/media/17174-tr4733pdf.pdf&v=20216291358

QUESTION 28
You want to add SSDs to existing HDD aggregates.
Which NetApp tool helps you to validate how many SSDs would Improve performance?

A. OnCommand Workflow Automation

B. Active IQ Unified Manager

C. ONTAP System Manager

D. Automated Workload Analyzer

Correct Answer: D
Section:

Explanation:
https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-940%2Fstorage__automated-working-set-analyzer__start.html

QUESTION 29
Windows 2019 reports 500 GB of free space on a disk; however, on the storage side, the LUN has 0 bytes free. When the host deletes files on the disk, auto reclaim on the thin-provisioned LUN does not occur.
In this scenario, which action should you take to enable space reclamation?

A. Set the space allocation option to disable.
B. Set the space allocation option to enable.
C. Enable space guarantees on the volume.
D. Enable space guarantees on the LUN.

Correct Answer: B
Section:
Explanation:
Reference:
https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/Storage_auto-reclamation_does_not_occur

QUESTION 30
You have created a new FlexCache cache volume and want to warm the cache before clients access the cache volume for the first time. In this scenario, how would you accomplish this task?

A. Prepopulate the cache volume with data from the origin volume using the flexcache prepopulate start command.
B. Enable block-level Invalidation using the volume flexcache origin config modify command.
C. Copy the data from the origin volume to the cache volume with the NetApp XCP Migration Tool.
D. Synchronize the origin and cache first with the volume flexcache sync-properties command.

Correct Answer: A
Section:
Explanation:
https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.pow-fc-mgmt%2FGUIDE878AB6F-2A64-4E66-B865-6C11A0962AA9.html

QUESTION 31
Exhibit.

```
Cluster1::> network interface show
            Logical      Status     Network            Current       Current Is
Vserver     Interface    Admin/Oper Address/Mask       Node          Port    Home
----------- ------------ ---------- ------------------ ------------- ------- ----

Cluster
            Cluster1_Node1_Clus1
                         up/up      169.254.170.170/16 Cluster1_Node1_Clus1
                                                                     e0a     false
            Cluster1_Node1_Clus2
                         up/up      169.254.69.110/16  Cluster1_Node1_Clus2
                                                                     e0b     false
            Cluster1_Node2_Clus1
                         up/up      169.254.64.19/16   Cluster1_Node2_Clus1
                                                                     e0a     false
            Cluster1_Node2_Clus2
                         up/up      169.254.238.93/16  Cluster1_Node2_Clus2
                                                                     e0b     false
```

After an ONTAP upgrade, you notice that several cluster LIFs are not on their home ports as shown in the exhibit.

Which LIF option would change this outcome?

A. the subnet-name option
B. the failover-policy option
C. the auto-revert option
D. the data-protocol option

Correct Answer: C
Section:
Explanation:
https://docs.netapp.com/us-en/ontap/networking/revert_a_lif_to_its_home_port.html

QUESTION 32
You want to monitor system performance in real time.
In this scenario, which two tools would you use to accomplish this task? (Choose two.)

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

Correct Answer: A, C
Section:

QUESTION 33
Which three protocols are supported by NetApp ONTAP Select? (Choose three.)

A. NFS
B. SCSI
C. NVMe
D. FCP
E. CIFS

Correct Answer: A, B, E
Section:
Explanation:
Reference: https://docs.netapp.com/us-en/ontap-select/pdfs/sidebar/Deep_dive.pdf (35)

QUESTION 34
You have a remote FlexCache storage device that is running on ONTAP Select 9.8 software. The cache origin volume Is on an FAS8700 that is running ONTAP 9.8 software. The WAN connection dropped, and the FlexCache volume is in disconnected mode.
In this scenario, which LIFs would you ping to troubleshoot the disconnect?

A. management
B. Intercluster
C. data
D. cluster

Correct Answer: D
Section:
Explanation:
https://docs.netapp.com/ontap-9/topic/com.netapp.doc.pow-fc-mgmt/GUID-AE9CC59E-BE3B-4185-B018-E3F089CB53B0.html?cp=17_0_2

QUESTION 35
Exhibit.

```
CLUSTER-01::> lun show -instance

                   Vserver Name: svm500
                       LUN Path: /vol/LUN0/LUN0
                    Volume Name: LUN0
                     Qtree Name: ""
                       LUN Name: LUN0
                       LUN Size: 100GB
                        OS Type: vmware
              Space Reservation: enabled
                  Serial Number: 800Nc$QfenwV
            Serial Number (Hex): 3830304e63245166656e7756
                        Comment: VMware Host
      Space Reservations Honored: true
               Space Allocation: disabled
                          State: online
                       LUN UUID: daf3b456-cf79-4535-878b-4e43872836cc
                         Mapped: mapped
    Physical Size of Logical Block: 512B
               Device Legacy ID: -
               Device Binary ID: -
                 Device Text ID: -
                      Read Only: false
          Fenced Due to Restore: false
                      Used Size: 0
             Maximum Resize Size: 1023GB
                  Creation Time: 2/9/2021 17:59:56
                          Class: regular
           Node Hosting the LUN: CLUSTER-01
               QoS Policy Group: -
       QoS Adaptive Policy Group: -
            Caching Policy Name: -
                          Clone: false
        Clone Autodelete Enabled: false
             Inconsistent Import: false
                    Application: -
CLUSTER-01::> igroup show
Vserver    Igroup        Protocol OS Type  Initiators
--------- ------------- -------- -------- ------------------------------------
svm500     ESX           iscsi    vmware   -
```

You create a storage virtual machine (SVM) called SVM500 that is provisioned for iSCSI. After creating a LUN in the SVM and mapping it to an igroup, the attached VMware hosts are unable to mount the LUN.
Referring to the exhibit, what is the issue?

A. The igroup contains the wrong protocol.
B. The igroup contains multiple Initiators.
C. The initiator is a member of igroups of different OS types.
D. The igroup does not contain the appropriate initiators.

Correct Answer: B
Section:

QUESTION 36
Your company requests that the monthly performance data of your ONTAP 9.8 cluster be exported to a CSV file for further processing. In this scenario, which three NetApp products satisfy this requirement? (Choose three.)

A. Active IQ Unified Manager
B. Cloud Insights
C. Active IQ Config Advisor
D. ONTAP System Manager
E. Active IQ OneCollect

Correct Answer: A, B, D
Section:

QUESTION 37
After creating an SVM In an ONTAP cluster, you are asked to delegate administration of the newly created SVM to an SVM administrator. In this scenario, which two tasks must you complete? (Choose two.)

A. Create the vsadmin user account in the new SVM.
B. Create a LIF for SVM management.
C. Configure role-based access control (RBAC) for the vsadmin user account.
D. Set a password for the vsadmin user account.

Correct Answer: B, D
Section:
Explanation:
Reference:
https://www.ibm.com/docs/en/nseriessoftware/com.ibm.nseries.software.doc/sc27628501.pdf

QUESTION 38
Your company wants to Increase access security In both their NFS and ISCSI environments. Currently ISCSI Is not authenticated and NFS relies only on export policies for security.
Which two enhancements do you use to satisfy this new criteria? (Choose two.)

A. Enable Kerberos for NFS exports.
B. Enable Kerberos for iSCSI LUN access.
C. Enable Challenge-Handshake Authentication Protocol (CHAP) for NFS exports.
D. Enable Challenge-Handshake Authentication Protocol (CHAP) for ISCSI LUN access.

Correct Answer: A, D
Section:
Explanation:
Reference: https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.cdot-famgnfs%2FGUID-0D282583-0A6F-4556-AF94-4B08FC5ADDE8.html

QUESTION 39
After deploying an ONTAP 9.8 cluster, you want to disable the unused Ethernet ports. In this scenario, which two methods would accomplish this task? (Choose two.)

A. Use ONTAP System Manager.
B. Use the command line interface.
C. Use Active IQ Config Advisor.
D. Use Active IQ Unified Manager.

Correct Answer: A, B
Section:

QUESTION 40
Exhibit

You have Installed a new ONTAP 9.8 cluster and want to move the e0e and e0c ports into a new broadcast domain. Referring to the exhibit, which action satisfies this requirement?

A. Use the irrDadcast-domain create command
B. Use the broadcast-domain split command.
C. Use ONTAP System Manager to create a new broadcast domain.
D. Use the broadcast-domain= merge command.

Correct Answer: B
Section:

QUESTION 41
You have finished deploying a NetApp AFF A400 cluster.
Before you place the array into production, which two tools should be used to validate the deployment? (Choose two.)

A. OnCommand Workflow Automation
B. Active IQ Unified Manager
C. Active IQ Config Advisor
D. Active IQ Web site

Correct Answer: C, D
Section:

QUESTION 42
All SMB users are reporting that their network share performance Is slow on a new NetApp FAS500f HA pair. You determine that the users have converged network adapters (CNAs) with flow control enabled and no option to disable.

In this scenario, which two flow control settings are recommended on the NetApp ONTAP physical ports? (Choose two.)

A. Disable flow control end-to-end on data network ports.
B. Enable flow control end-to-end on cluster network ports.
C. Enable flow control end-to-end on data network ports.
D. Disable flow control end-to-end on cluster network ports.

Correct Answer: C, D
Section:
Explanation:
https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/What_are_the_flow_control_best_practices_for_Ethernet%3F#Clustered_Data_ONTAP_.2F_ONTAP_9_Flow_control_recommendations:
Disable flow control on cluster network ports in the Data ONTAP cluster. Flowcontrol on the remaining network ports (the ports that provide data, management, and intercluster connectivity) should be configured to match the settings within the rest of your environment.

QUESTION 43
Exhibit

You have a 4-node cluster.
How many ISCSI LIFs will be created from the SVM setup wizard, as shown in the exhibit?

A. 8
B. 6
C. 16
D. 2

Correct Answer: A
Section:

QUESTION 44
You have deployed an ONTAP cluster and want to add protocol licenses. In this scenario, which management tool accomplishes this task?

A. NetApp Cloud Manager
B. ONTAP System Manager
C. Active IQ Unified Manager
D. Active IQ Config Advisor

Correct Answer: B
Section: