

Exam Questions NS0-162

NetApp Certified Data Administrator, ONTAP

<https://www.2passeasy.com/dumps/NS0-162/>



NEW QUESTION 1

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

Answer: A

NEW QUESTION 2

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.

Answer: C

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

NEW QUESTION 3

You have two ONTAP clusters and are setting up a new SnapMirror SVM replication (SVM DR) relationship. Which two statements are true in this scenario? (Choose two.)

- A. The target SVM subtype must be dp-destination.
- B. The source SVM subtype must be default.
- C. The target SVM subtype must be sync-destination.
- D. The source SVM subtype must be sync-source.

Answer: CD

NEW 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

Answer: C

NEW QUESTION 5

What establishes a quorum in a 4-node cluster?

- A. epsilon
- B. cluster peer
- C. ONTAP Mediator
- D. TieBreaker

Answer: A

NEW QUESTION 6

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

Answer: D

Explanation:

<https://docs.netapp.com/ontap-9/topic/com.netapp.doc.pow-fc-mgmt/GUID-AE9CC59E-BE3B-4185-B018-E3F>

NEW QUESTION 7

When you set up an ONTAP cluster, which two SVM types are automatically created? (Choose two.)

- A. admin
- B. node
- C. data
- D. cluster

Answer: AB

NEW QUESTION 8

Due to the increasing threat of ransomware, you must implement a secure and fast solution to recover files in your ONTAP cluster. The users should be able to recover their files from their Windows Desktop.

In this scenario, which two steps fulfill this requirement? (Choose two.)

- A. Ensure that there is a Snapshot copy schedule for every volume containing files.
- B. Ensure that the option to show previous versions on the SVM is activated.
- C. Ensure that the option to copy a FlexClone of each volume containing files is activated.
- D. Ensure that the option to show previous versions on each share is activated.

Answer: AC

NEW QUESTION 9

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

Answer: C

NEW QUESTION 10

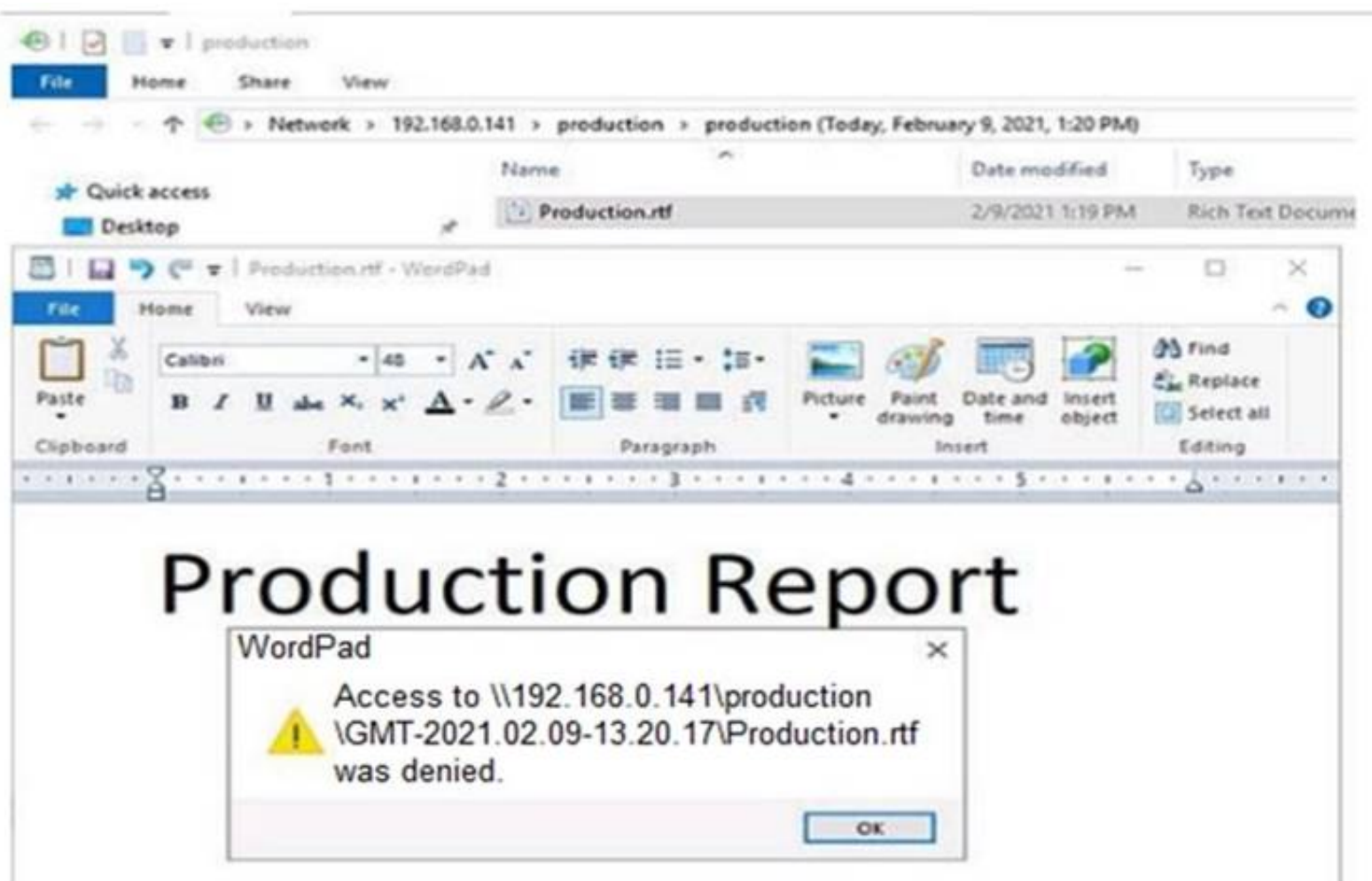
A customer has a 2-node AFF A220 cluster and needs to enable the FC protocol. The onboard UTA2 ports are configured for 10Gbps Ethernet. In this scenario, what are two different methods to use FCP over the UTA2 ports? (Choose two.)

- A. Swap the Ethernet transceivers in the UTA2 ports for 1Gbps transceivers, and configure the ports as target ports.
- B. Connect onboard UTA2 ports to a Nexus switch and enable FCP.
- C. Swap the Ethernet transceivers in the UTA2 ports for FC transceivers, and configure the ports as targetports.
- D. Change the existing UTA2 ports from 10 Gbps speed to 8 Gb speed.

Answer: BC

NEW QUESTION 10

Exhibit.



A user cannot save a file on an ONTAP SMB share.

Referring to the exhibit, which action allows the user to save the file?

- A. Allow the file type, file In the CIFS Server policy.
- B. Let the user save the file to a writeable location.
- C. Synchronize the ONTAP Cluster time to the Active Directory time.
- D. Set the user permission for the share to write.

Answer: B

NEW QUESTION 11

Exhibit


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

```
Object: resource_headroom_cpu
Instance: CPU_sti2520-213
Start-time: 2/9/2020 16:06:27
End-time: 2/9/2020 16:06:27
Scope: sti2520-213
```

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_sti2520-214
Start-time: 2/9/2020 16:06:27
End-time: 2/9/2020 16:06:27
Scope: sti2520-214
```

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.

Answer: BC

NEW QUESTION 13

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

Answer: B

NEW 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.

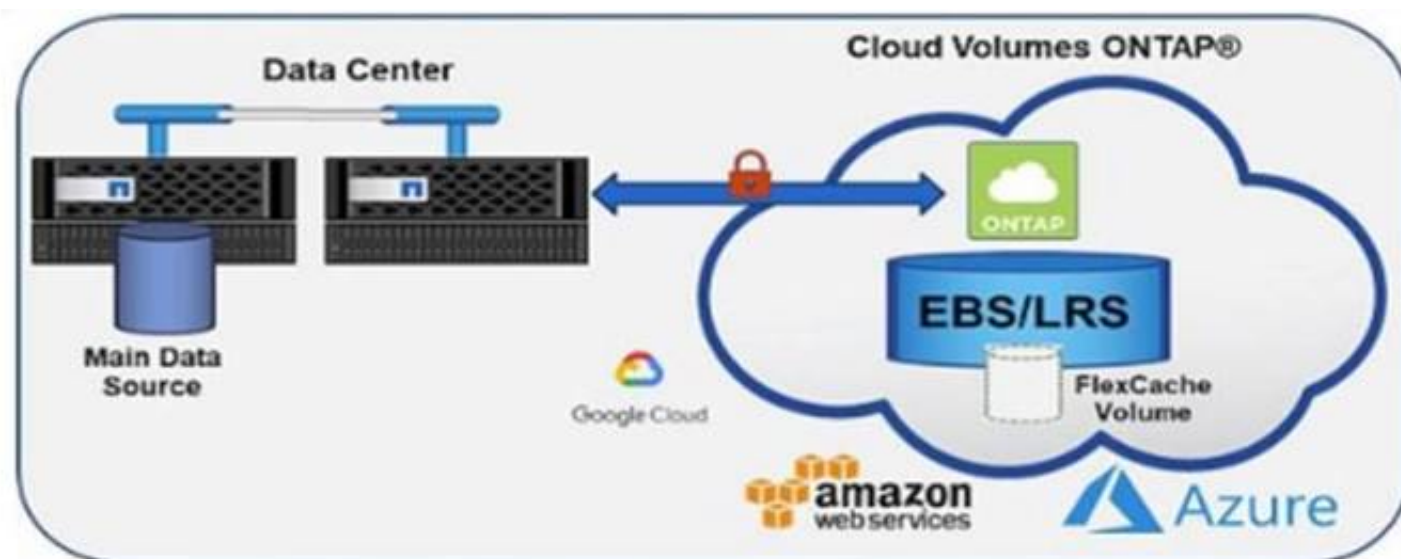
Answer: BD

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.

NEW QUESTION 18

Exhibit.



You are caching on-premises ONTAP volumes into the cloud with Cloud Volumes ONTAP as shown in the exhibit. In this scenario, which two protocols are supported? (Choose two.)

- A. SMB
- B. NVMe
- C. iSCSI
- D. NFS

Answer: CD

NEW QUESTION 19

The source NAS volume of a SnapMirror relationship is unavailable due to networking issues at your organization's primary data center. You want to make the destination NAS volume writable so that clients are able to access their data.

Which two steps do you need to take to solve the issue? (Choose two.)

- A. Break the SnapMirror relationship using the snapairrcr break command from the destination cluster.
- B. Delete the SnapMirror relationship from the destination cluster.
- C. Use the volume mount command to mount the NAS volume in the NFS namespace.
- D. Break the SnapMirror relationship using the snapmirror break command from the source cluster.

Answer: CD

NEW QUESTION 21

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.

Answer: BC

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.

NEW QUESTION 24

Which two storage efficiencies are enabled by default on NetApp AFF systems? (Choose two.)

- A. postprocess compaction
- B. Inline compression
- C. Inline deduplication
- D. postprocess zero block detection

Answer: CD

NEW QUESTION 28

Exhibit.

```
Cluster1::> ifgrp show
Node      Port      Distribution      Active
Node      IfGrp      Function      MAC Address      Ports      Ports
-----
Node1
Node1      a0a      ip      02:a0:98:f1:2e:be partial e0c, e0d
Node2
Node2      ala      ip      02:a0:98:f1:21:88 full      e0c, e0d
2 entries were displayed.

Cluster1::> network port show -node Node1 -port e0c,e0d -fields mac,health-status
node      port      mac      health-status
-----
Node1      e0c      00:a0:98:f1:2e:b2 degraded
Node1      e0d      00:a0:98:f1:2e:b3 healthy
```

You have received an alert from Active IQ Unified Manager that interface e0c has gone offline. Network engineering asks for the corresponding MAC address for the port that has a problem.
Referring to the exhibit, which MAC address would you supply to the engineering team?

- A. 02:a0:98:f1:2e:be
- B. 00:a0:98:f1:2e:b2
- C. 00:a0:98:f1:2e:b3
- D. 02:a0:98:f1:21:88

Answer: C

NEW QUESTION 29

Your company runs a NetApp AFF A220 cluster as a file server for NFS and SMB. You want to use one of the unused ports to connect a single Windows host directly, using FC. You have converted the UTA2 ports e0e and e0f to FC and equipped them with a 16-Gbps FC transceiver. Your Windows host fails to connect to the storage.
In this scenario, which action solves the problem?

- A. Use an FC switch between storage and host.
- B. Use the arbitrated loop topology on storage and host.
- C. Use the point-to-point topology on all ports.
- D. Use an Ethernet switch between storage and host.

Answer: A

Explanation:

You can configure FC and FC-NVMe SAN hosts with single nodes through one or more fabrics. N-Port ID Virtualization (NPIV) is required and must be enabled on all FC switches in the fabric. You cannot directly attach FC or FC-NMVE SAN hosts to single nodes without using an FC switch.

NEW QUESTION 33

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

- A. VLANs
- B. broadcast domains
- C. IPspaces
- D. ONTAP subnets

Answer: C

Explanation:

https://kb.netapp.com/Advice_and_Troubleshooting/Data_Protection_and_Security/SnapMirror/How_to_create

NEW QUESTION 38

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.

Answer: B

NEW QUESTION 40

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