

Exam Questions NS0-161

NetApp Certified Data Administrator - ONTAP

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NEW QUESTION 1

Which two components are required for committing data to a WORM volume? (Choose two.)

- A. You must license SnapLock.
- B. You must create a SnapLock volume.
- C. You must create a SnapLock SVM.
- D. You must create a SnapLock Aggregate.

Answer: AB

Explanation:

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.pow-arch-con%2FGUID-ABFD860B-BBC5-4F0A-A83F-0942E4C214AA.html>

NEW QUESTION 2

You created a new SVM with two NFS data volumes. You have a Linux host on the same subnet as the SVM that is able to NFS mount, however a Linux host on a different subnet is not able to NFS mount. You confirmed that the export policy rules are correct. In this scenario, which configuration will solve the mount failure? (Choose the best answer.)

- A. The NFS server is not configured on the SVM.
- B. NTP is not configured on the SVM.
- C. NFS auditing is not enabled on the SVM.
- D. The SVM default network route is missing.

Answer: A

NEW QUESTION 3

Click the Exhibit button.

```
cluster1::> qos adaptive-policy-group show -policy-group adaptive_qos
```

```
Name: adaptive_qos
Vserver: svm1
Uuid: 09ab72bc-3653-11ea-9e81-0050569dce56
ID: 3782
Expected IOPS: 2048 IOPS/TB
Peak IOPS: 4096 IOPS/TB
Absolute Minimum IOPS: 500 IOPS
Expected IOPS Allocation: used-space
Peak IOPS Allocation: allocated-space
Block Size: ANY
Number of Workloads: 0
```

```
cluster1::> vol show -volume vol01 -fields qos-adaptive-policy-group, size, used
vserver   volume   size      used      qos-adaptive-policy-group
-----
svm1      vol01    2000GB    500GB    adaptive_qos
```

You have an ONTAP 9.7 cluster. You increased the size of the volume to 3 TB, but the IOPS did not increase as expected. What are the expected IOPS for the volume after the change? (Choose the best answer)

- A. 2048
- B. 6144
- C. 1024
- D. 4096

Answer: C

Explanation:

Reference: https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/What_is_Adaptive_QoS_and_how_does_it_work%3F

NEW QUESTION 4

You are asked to delete an SVM that was used for CIFS. Which two steps must be completed prior to completing this task? (Choose two.)

- A. Delete all LIFs from all SVMs.
- B. Stop the SVM.
- C. Delete all data volumes in the SVM.
- D. Delete the CIFS license.

Answer: BC

Explanation:

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.onc-sm-help-900%2FGUID-1286A6CD-2981-444F-97F6-65D65A00D758.html>

NEW QUESTION 5

You are asked to investigate possible solutions for increasing the performance of a read-intensive, NFSv3 workload in your FAS environment. Which two NetApp technologies would satisfy the requirement? (Choose two.)

- A. Flash Pool
- B. FabricPool
- C. FlexCache
- D. FlexVol

Answer: CD

Explanation:

Reference: <https://www.netapp.com/media/10720-tr-4067.pdf>

NEW QUESTION 6

You are asked to create a new SVM to serve SMB data using Active Directory authentication. Which two requirements must be satisfied prior to serving data? (Choose two.)

- A. DNS must be enabled and configured correctly.
- B. The CIFS license must be installed on the storage system.
- C. An intercluster LIF must be created for serving SMB data.
- D. An administrative user must be created for the SMB SVM.

Answer: AC

NEW QUESTION 7

Click the Exhibit button.

```
cluster1::> volume efficiency config -volume vol1, vol2
```

```
Vserver:          SVM1
Volume            vol1
Schedule:         -
Policy:           files_new
Compression       true
Inline Compression: true
Inline Dedupe:    true
Data Compaction:  true
Cross Volume Inline Deduplication: false
```

```
Vserver:          SVM1
Volume            vol2
Schedule:         -
Policy:           auto
Compression       true
Inline Compression: true
Inline Dedupe:    true
Data Compaction:  true
Cross Volume Inline Deduplication: true
```

The volumes shown in the exhibit, vol1 and vol2, are in the same AFF aggregate. You write the same large 100 GB file to both vol1 and vol2. Based on the volume efficiency settings, which action occurs? (Choose the best answer.)

- A. The files are deduplicated at the volume level.
- B. The files are deduplicated at the SVM level by SVM1.
- C. The files are deduplicated at the aggregate level.
- D. The files are queued for a background deduplication schedule.

Answer: C

NEW QUESTION 8

Click the Exhibit button.

Referring to the exhibit, what are two reasons why no initiators are displayed in the initiators' igroup screen? (Choose two.)

- A. Zoning on the switches has been done incorrectly.
- B. The server has not been powered up.
- C. ALUA has not been enabled on the NetApp controllers.
- D. SLM has not been enabled.

Answer: AB

NEW QUESTION 9

Click the Exhibit button.

```
cluster1::>vserver services ndmp show

type
-----
SVM1          true          challenge

cluster1::> system services ndmp show
Node          Enabled          Clear Text          User ID
-----
cluster1-01   false           true                root

cluster1::>system services ndmp node-scope-mode status
NDMP node-scope-mode is disabled.

cluster1::> network interface show
Vserver      Logical      Status          Network          Current          Current          Is
Interface    Admin/Oper    Address/Mask     Node             Port             Home
-----
SVM1
data_lif1    up/up        192.168.150.250/24 cluster1-01      e0a             true
cluster
cluster_mgmt up/up        192.168.150.240/24 cluster1-01      e0c             true
cluster1-01_ic1 up/up        192.168.150.242/24 cluster1-01      e0d             true
cluster1-01_mgmt1 up/up        192.168.150.241/24 cluster1-01      e0c             true
4 entries were displayed.
```





You are configuring your tape backup software to authenticate to your single-node cluster by using NDMP. Referring to the exhibit, which LIF do you use to connect? (Choose the best answer.)

- A. cluster_mgmt
- B. cluster1-01_ic1
- C. cluster-01_mgmt1
- D. data_lif1

Answer: D

NEW QUESTION 10

Click the Exhibit button.

FC Ports			
Node	2a	2b	
^ tme-a700-01			
	32 Gb/s	32 Gb/s	
WWPN	50:0a:09:81:80:d2:c3:b8	50:0a:09:82:80:d2:c3:b8	
Network Interface	1	1	
Data Link Rate	32 Gb/s	16 Gb/s	
Port Address	b1200	a1200	
Protocol	FC,NVMe	FC,NVMe	
^ tme-a700-02			
	32 Gb/s	32 Gb/s	
WWPN	50:0a:09:81:80:42:c2:b9	50:0a:09:82:80:42:c2:b9	
Network Interface	1	1	
Data Link Rate	32 Gb/s	16 Gb/s	
Port Address	b1100	a1100	

Referring to the exhibit, a customer is experiencing performance problems on an SVM supporting NVMe/FC. You review the physical FC ports that are connected into the 32 Gbps switches for cluster tme-a700. In this scenario, what is causing the performance problems? (Choose the best answer.)

- A. Port 2a needs more network interfaces added to the physical port.
- B. Port 2b has a 16 Gbps SFP+ installed.
- C. Port 2a needs a 16 Gbps SFP+ installed.
- D. Port 2b has two many LIFs running across the physical port.

Answer: A

NEW QUESTION 10

You have a new ONTAP 9.7 2-node AFF A300 cluster with 2x DS224C full shelves of 3.8 TB encrypted SSDs. In this scenario, which statement matches the factory disk-ownership setting? (Choose the best answer.)

- A. All drives on shelf 1 are assigned to one node, and all drives on shelf 2 are assigned to the partner node.
- B. All even-numbered drives on each shelf are assigned to one node, and all odd-numbered drives on each shelf are assigned to the partner node.
- C. Disk ownership is not assigned by the factory.
- D. Drives 0-11 on each shelf are assigned to one node, and drives 12-23 on each shelf are assigned to the partner node.

Answer: C

NEW QUESTION 11

Click the Exhibit button.

cluster1::> volume show -vserver vs2 -is-constituent *							
Vserver	Volume	Aggregate	State	Type	Size	Available	Used%
vs2	fgl	-	online	RW	200TB	76TB	62%
vs2	fgl_0001	aggr1	online	RW	25TB	10MB	99%
vs2	fgl_0002	aggr2	online	RW	25TB	12TB	52%
vs2	fgl_0003	aggr1	online	RW	25TB	10TB	60%
vs2	fgl_0004	aggr2	online	RW	25TB	11TB	60%
vs2	fgl_0005	aggr1	online	RW	25TB	10TB	56%
vs2	fgl_0006	aggr2	online	RW	25TB	12TB	52%
vs2	fgl_0007	aggr1	online	RW	25TB	10TB	60%
vs2	fgl_0008	aggr2	online	RW	25TB	11TB	56%

cluster1::> aggr show							
Aggregate	Size	Available	Used%	State	#Vols	Nodes	RAID Status
aggr1	300TB	103.71TB	65%	online	30	cluster1-01	raid_dp, normal
aggr0_root	368.4GB	15.83GB	96%	online	1	cluster1-02	raid_dp, normal
aggr2	300TB	176.51TB	41%	online	25	cluster1-02	raid_dp, normal
aggr0_root	368.4GB	15.83GB	96%	online	1	cluster1-01	raid_dp, normal

4 entries were displayed

You have an ONTAP cluster that is running a FlexGroup that is serving SMB data out to various users. One of the users receives an error when trying to modify an existing file. What is the cause of the problem? (Choose the best answer.)

- A. The FlexGroup is full
- B. The constituent is full
- C. The FlexGroup is offline
- D. The aggregate is full

Answer: B

NEW QUESTION 14

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