



NS0-161^{Q&As}

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QUESTION 1

Your customer has an NTFS volume that they want to access over both SMB and NFS. The client explains that SMB access works fine, but the clients are unable to NFS mount the volume.

What are three reasons that would cause this issue? (Choose three.)

- A. There is no export-policy rule for the NFS clients.
- B. The NSF server is not configured.
- C. Multi-protocol is not licensed on the cluster.
- D. The volume security style must be changed to UNIX.
- E. The LIF data protocol does not allow NFS.

Correct Answer: ABD

Reference: <https://docs.netapp.com/ontap-9/topic/com.netapp.doc.exp-multip-cg/GUID-22C99AFB-C64C4E99-8DD0-8F705BC803F8.html>

QUESTION 2

Click the Exhibit button.

Create Share

Folder To Share:

Share Name:

Comment:

☒ **Enable continuous availability for Hyper-V and SQL**
Select this option if the share contains Hyper-V VHDs over SMB

☐ **Encrypt data while accessing this share**
Encrypts data using SMB 3.0 to prevent unauthorized file access on this share.

You have a mission-critical SQL application that uses a single SMB 3.1.1 share to host its database. The storage node that is hosting the SMB share sql01_ca for the SQL database experiences a hardware failure and fails over to the surviving node.



Referring to the exhibit, what is the state of the SMB share for the SQL database during the failover? (Choose the best answer.)

- A. The SMB share will be available, but all data is corrupted.
- B. The SMB share will be unavailable until node failback.
- C. The SMB share will be available, and all data is accessible.
- D. The SMB share is unavailable due to its stateful nature.

Correct Answer: A

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

Correct Answer: C

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



QUESTION 4

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 Interface	Status Admin/Oper	Network Address/Mask	Current Node	Current Port	Is 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

Correct Answer: D

QUESTION 5

Click the Exhibit button.



Default policy group	Expected IOPS/TB	Peak IOPS/TB	Absolute Min IOPS
extreme	6,144	12,288	1000
performance	2,048	4,096	500
value	128	512	75

The exhibit displays the values for the default adaptive QoS policy. An administrator assigns the Value policy to a 1 TB volume. Over time, the volume expands to 3 TB.

What is the peak IOPS for the volume, both before and after the expansion? (Choose the best answer.)

- A. 512 IOPS and 512 IOPS
- B. 512 IOPS and 1536 IOPS
- C. 512 IOPS and 12288 IOPS
- D. 75 IOPS and 512 IOPS

Correct Answer: C

Reference: <http://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.pow-perf-mon%2FGUIDB144F39A-2E14-4048-91CA-D8080C50F70D.html>

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