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Vendor:NetApp

Exam Code:NS0-593

Exam Name:NetApp Certified Support Engineer
ONTAP Specialist

Version:Demo

QUESTION 1

A customer reports that while Installing Windows updates on their external Vscan servers, clients could not access any files on their CIF-S SVM. The problem disappeared after the update process was completed. The customer wants to prevent this issue from happening during the next patch window.

In this scenario, what are two ways to accomplish this task? (Choose two.)

- A. Enable the -scan-mandatory flag in the Vscan policy.
- B. Update the Vscan servers one at a time.
- C. Modify the CIFS shares to be continuously available (CA) shares.
- D. Disable the -scan-mandatory flag in the Vscan policy.

Correct Answer: AC

QUESTION 2

Referring to the exhibit

```
MCC-A::> metrocluster show

Configuration: IP-fabric

Cluster          Entry Name          State
-----
Local: MCC-A
                  Configuration State  configured
                  Mode                switchover
                  AUSO Failure Domain  auso-disabled

Remote: MCC-B
                  Configuration State  configured
                  Mode                waiting-for-switchback
                  AUSO Failure Domain  auso-disabled
```

What do you need to do to return the MetroCluster to a normal state?

- A. Enter the metrocluster switchback command on Site B.
- B. Enter the metrocluster switchback command on Site A.
- C. Enter the storage failover giveback command on Site B.
- D. Enter the storage failover giveback command on Site A.

Correct Answer: B

QUESTION 3

You are attempting to connect a NetApp ONTAP cluster to a very complex network that requires LIFs to fail over across subnets. How would you accomplish this task?

- A. Configure an equal number of LIFs on each subnet.
- B. Configure VIP LIFs using OSPF.
- C. Configure VIP LIFs using BGP.
- D. Configure a LIF failover policy for each subnet inside a single broadcast domain.

Correct Answer: C

QUESTION 4

You notice poor performance on your FlexGroup and execute the system node run -node * flexgroup show command for more information. You notice the "Urgency" column has non-zero values.

In this scenario, which statement is true?

- A. The aggregate is completely full.
- B. The constituent volumes are out of nodes.
- C. The data placement is uneven.
- D. The constituent volumes are completely full.

Correct Answer: A

QUESTION 5

You recently discovered the error message shown below in your ONTAP logs.

```
[wafl.incons.userdata.vol:error]: WAFL inconsistent: volume my_data_vol
```

What should be your first action to correct this issue?

- A. Power cycle all the disk storage shelves that contain drives of the aggregate with the my_data_vol volume.
- B. Determine the root cause behind the inconsistency before attempting any recovery procedure.
- C. Use the storage takeover command on the storage controller that contains my_data_vol.
- D. Use the wafiron command against my_data_vol to solve the inconsistency on the volume.

Correct Answer: B

QUESTION 6

A customer calls you to troubleshoot a network issue. The customer wants to create a packet trace for allclients on the 192.168.9.0/24 subnet.

```
cli::> network interface show -vserver CIFS
-----
Vserver      Logical   Status   Network   Current   Current   Is
Interface    Admin/Op Address/Mask Node       Port      Home
-----
CIFS
nfs1         up/up    10.92.4.202/16  cli1n1    e2a-1092  true
iscsi1      up/up    10.91.3.132/24  cli1n1    a0a-322   true
iscsi2      up/up    10.95.7.114/24  cli1n1    a0a-456   true
mgmt        up/up    10.92.6.200/16  cli1n1    e2a-1092  true
nfs2        up/up    192.168.3.9/24   cli1n1    e2a-100   true

cli::> network route show -vserver CIFS
-----
Vserver      Destination   Gateway      Metric
-----
CIFS
0.0.0.0/0    10.92.0.1     10
0.0.0.0/0    10.92.0.2     20
10.81.50.140/32 192.168.3.254 20
192.168.9.0/24 192.168.3.254 20

5 entries were displayed.
```

Referring to the exhibit, on which interface do you have to run the packet trace?

- A. a0a-322
- B. e2a-100
- C. e2a-1092
- D. a0a-456

Correct Answer: C

QUESTION 7

You are troubleshooting a CIFS connection issue that is reported by some users. You decide to collect a packet trace.

In this scenario, after you generate the packet trace, where do you find the trace file?

- A. /packet_traces of the node hosting the LIF
- B. /etc/log/packet_traces of the node hosting the LIF
- C. /etc/log/mlog/packet._traces Of all nodes
- D. /vol0/paclcet_traces of the CIFS SVM

Correct Answer: C

QUESTION 8

Which two throughput elements are controlled by host applications? (Choose two.)

- A. operation size
- B. Jitter
- C. concurrency
- D. latency

Correct Answer: BD

QUESTION 9

A system panic due to an "L2 watchdog timeout hard reset" error occurred. You have found a FIFO message in the SP log. Which FIFO message is useful for investigating this issue?

- A. before NMI BBSP:C=00 L=00 FIFO: F3 F2 F1 F0 5 B2 0 0 0 80 20 E F E3 C0 C2 3 4 6 7 9 9 A
- B. BIOS exit BBSP:C=2F L=20 FIFO: 2 C8 C9 C4 24 4 6 18 7 8 11
- C. before Reset BBSP:C=00 L=00 FIFO:
- D. ONTAP Shutdown BBSP:C=00 L=2F FIFO:

Correct Answer: B

QUESTION 10

You are optimizing your Cloud Volumes ONTAP. For interoperability and consolidation purposes, you need to know the storage limits. In this scenario, which source should be reviewed?

- A. NetApp Cloud Volumes ONTAP Release Notes
- B. Hardware Universe
- C. Interoperability Matrix Tool (IMT)
- D. Cloud Central

Correct Answer: A

QUESTION 11

You have a customer complaining of long build times from their NetApp ONTAP-based datastores. They provided you packet traces from the controller and client. Analysis of these traces shows an average service response time of 1 ms. QoS output confirms the same. The client traces are reporting an average of 15 ms in the same time period.

In this situation, what would be your next step?

- A. The cluster is responding slowly and requires further investigation using performance archives.
- B. The client that reports high latency should be investigated.
- C. The cluster interconnects should be investigated.
- D. A sync core should be triggered.

Correct Answer: B

QUESTION 12

Your customer has mounted an NFS SVM from a Linux client and performance is very poor. The customer is certain that they have jumbo frames enabled. They have verified an MTU of 9000 on both the Linux client and the broadcast domain on the NetApp ONTAP 9.8 cluster.

```
cluster1::*> network interface show -vserver svml_cluster1
```

Vserver	Logical Interface	Status Admin/Oper	Network Address/Mask	Current Node	Current Port	Is Home
svml_cluster1	cifs_01	up/up	192.168.0.131/24	cluster1-01	e0f	true
	cifs_02	up/up	192.168.0.132/24	cluster1-02	e0f	true
	jumbo_01	up/up	192.168.0.201/24	cluster1-01	e0g	true
	jumbo_02	up/up	192.168.0.202/24	cluster1-02	e0g	true
	mgmt	up/up	192.168.0.130/24	cluster1-01	e0c	true

5 entries were displayed.

```
cluster1::*> network port broadcast-domain show -broadcast-domain Jumbo
```

IPspace	Broadcast Name	Domain Name	MTU	Port List	Update Status	Jumbo Details
Default	Jumbo		9000	cluster1-01:e0f	complete	
				cluster1-01:e0g	complete	
				cluster1-02:e0f	complete	
				cluster1-02:e0g	complete	

Referring to the exhibit, which ONTAP command will help isolate a possible MTU mismatch?

- A. `network ping -lif jumbo_01 -vserver svml_cluster1 -destination 192.168.0.210 -disallow-fragmentation false -packet-size 1000`
- B. `network ping -lif jumbo_01 -vserver svml_cluster1 -destination 192.168.0.210 -disallow-fragmentation true -packet-size 9000`
- C. `network ping -lif jumbo_01 -vserver svml_cluster1 -destination 192.168.0.210 -disallow-fragmentation true -packet-size 1000`
- D. `network ping -lif jumbo_01 -vserver svml_cluster1 -destination 192.168.0.210 -disallow-fragmentation true -packet-size 5000`

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: B