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Netapp NS0-593

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QUESTION NO: 1

Recently, a CIFS SVM was deployed and is working. The customer wants to use the Dynamic DNS (DDNS) capability available in NetApp ONTAP to easily advertise both data UFs to their clients. Currently, DNS is only responding with one data LIF. DDNS is enabled on the domain controllers.

```

vserver      lif      data-protocol  is-dns-update-enabled
-----
svm1         cifs_01  nfs,cifs       true
svm1         cifs_02  cifs           true
svm1         mgmt     none           false
3 entries were displayed.

cluster1::*> vserver services dns dynamic-update show
Vserver      Is-Enabled Use-Secure Vserver FQDN      TTL
-----
svm1         false      false      svm1.demo.net  24h

```

Referring to the exhibit, which two actions should be performed to enable DDNS updates to work? (Choose two.)

- A. Disable the `-vserver-fqdn` parameter for the SVM DDNS services.
- B. Remove the NFS protocol from the `cifs_01` data LIF.
- C. Enable the `-use-secure` parameter for the SVM DDNS services.
- D. Enable the `-is-enabled` parameter for the SVM DDNS services

ANSWER: A D

QUESTION NO: 2

You are connecting a Windows Server 2019 host to iSCSI LUNs on a 4-node AFF A250 cluster running NetApp ONTAP 9.8 software. The host is unable to connect to the target interface, and the ONTAP event log has the message shown below.

ISCSI: network interface identifier disabled for use; incoming connection discarded

In this scenario, what is the cause of this connection issue?

- A. iSNS is not enabled on the storage virtual machine.
- B. The WWPN was not added to the initiator group.
- C. The iSCSI service is not enabled on the interface.
- D. CHAP is not configured correctly for the specified initiator.

ANSWER: B

QUESTION NO: 3

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:

ANSWER: B

QUESTION NO: 4

An administrator receives the following error message:

```
Mon Dec 23 00:20:36 EST [nodeA: waf1_exempt08: waf1.cp.toolong:error]: Aggregate fas_01_DATA_AGGR experienced a long CP.
```

What are two causes for this error? (Choose two.)

- A. There is excessive SSD load causing the wear leveling to become unbalanced.
- B. A disk is failing.
- C. There is excessive SATA HDD load.
- D. An SSD disk is performing garbage collection to create a dense data layout.

ANSWER: A C

QUESTION NO: 5

Which two statements about NetApp Cloud Volumes ONTAP licenses are true? (Choose two.)

- A. Having an Essentials package enables you to convert to another licensing option.
- B. Capacity-based license packages support only single-node configurations.
- C. BYOL licenses are purchased directly from NetApp.
- D. AWS Marketplace contracts cannot be mixed with BYOL.

ANSWER: B C

QUESTION NO: 6

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	MTU	Port List	Update Status	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

ANSWER: B

QUESTION NO: 7

A 2-node cluster hosts only NAS data UFs. All nodes lose access to the cluster network.

```
NOTICE token.node.out.of.quorum: All token references from node
(ID - 6e274936-ad68-11e6-9864-98aa7f8a8bb1) are dropped because the node went out of quorum.
DEBUG ctran.acn.received: CTRAN has received an ACN with value 0x00000002.
DEBUG qmm.ssg.grp.update
DEBUG qmm.acn.event.recvd: hostname="cm2220-cn-02",
nvram_id="0x0", clam_id="1001", attribs="0x8"
DEBUG qmm.acn.event.recvd: hostname="cm2220-cn-01",
nvram_id="0x0", clam_id="1000", attribs="0xa"
INFORMATIONAL clam.update.partner.state: CLAM on node (ID=1000)
updated failover state of partner (ID=1001) to nohb.
cm2220-cn-01 DEBUG clam.quorum.epoch: CLAM set the quorum epoch
on local node to 386.
INFORMATIONAL clam.received.quorum: Local node received a quorum update from Cluster node
(name=cm2220-cn-01, ID=1000).
EMERGENCY clam.node.ooc: Node (name=cm2220-cn-02, ID=1001) is out of "CLAM quorum"
(reason=heartbeat failure).
EMERGENCY callhome.clam.node.ooc: Call home for NODE(S) OUT OF CLUSTER QUORUM.
DEBUG clam.node.avail.change: The availability status of node
(name=cm2220-cn-02, ID=1001) changed from Available to Unavailable.
```

Referring to the exhibit, which statement is correct?

- A. Both nodes race to takeover the other, one node will takeover the other node.
- B. No takeover event will occur and NAS data UFs will not be accessible.
- C. All nodes in the cluster reset and NAS data UFs are not accessible after reboot.
- D. NAS data UFs are accessible on only the node that has Epsilon.

ANSWER: C

QUESTION NO: 8

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.

ANSWER: A

QUESTION NO: 9

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.

ANSWER: A C

QUESTION NO: 10

Your customer has deployed a two petabyte NetApp ONTAP FlexGroup volume across their 4-node ONIAP 9.8 cluster. They plan to store over three billion files. They want to prevent file 10 conflicts since files are placed into the FlexGroup volume.

In this scenario, which two NFS SVM parameters should be enabled? (Choose two.)

- A. -v3-64bit-identifiers
- B. -v4-fsid-change
- C. -v3-fsid-change
- D. -v4-64bit-idantifiers

ANSWER: A C