

# NetworkAppliance.NS0-593.v2022-11-30.q21

<b>Exam Code:</b>	NS0-593
<b>Exam Name:</b>	NetApp Certified Support Engineer ONTAP Specialist
<b>Certification Provider:</b>	Network Appliance
<b>Free Question Number:</b>	21
<b>Version:</b>	v2022-11-30
<b># of views:</b>	812
<b># of Questions views:</b>	210
<a href="https://www.freeqas.com/qa/NetworkAppliance/NS0-593/NetworkAppliance.NS0-593.v2022-11-30.q21.html">https://www.freeqas.com/qa/NetworkAppliance/NS0-593/NetworkAppliance.NS0-593.v2022-11-30.q21.html</a>	

## NEW QUESTION: 1

Your customer is running a NetApp AFF A800 system with NetAppONTAP 9.8 software and states that their NS224 shelf is not showing with the correct shelf ID. You analyze the data and the shelf shows an identification of "1.SHFHUXXXXXXXXXXX."

What is the cause of the reported Issue?

- A. The shelf was cabled Incorrectly.
- B. The shelf had a disk replaced too quickly.
- C. The shelf has been power cycled.
- D. A new shelf was added to the controller.

**Answer: D (LEAVE A REPLY)**

## NEW QUESTION: 2

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

**Answer: D (LEAVE A REPLY)**

## NEW QUESTION: 3

You are optimizing your Cloud Volumes ONTAP. For interoperability and consolidation purposes, you need to know the storagelimits.

In this scenario, which source should be reviewed?

- A. NetApp Cloud Volumes ONTAP Release Notes

- B. Cloud Central
- C. Hardware Universe
- D. Interoperability Matrix Tool (IMT)

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 4**

You have a 2-node NetApp FAS2750 switchless cluster with twenty-four 1.8 TB disks that is experiencing performance issues. Upon investigation, you discover several type B consistency points.

Referring to the exhibit, which corrective action would address these consistency points?

- A. Add an additional shelf of twenty-four 1.8 TB disks.
- B. Create additional data LIFs.
- C. Replace the twenty-four 1.8 TB disks with twelve 4 TB disks.
- D. Convert the 2-node switchless cluster to a 2-node switched cluster.

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 5**

You created a new NetApp ONTAP FlexGroup volume spanning six nodes and 12 aggregates with a total size of 4 TB. You added millions of files to the FlexGroup volume with a flat directory structure totaling 2 TB, and you receive an out of space error message on your host.

What would cause this error?

- A. The inode limit is exceeded in the ONTAP software.
- B. The maximum number of volume constituents has been reached in the ONTAP software.
- C. All constituent volumes are full.
- D. The maxdirsize is exceeded in the ONTAP software.

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 6**

You have a new VMware vSphere cluster with ESXi 7.0U2 hosts. The hosts are connected to a 4-node AFF A400 NetApp ONTAP9.8 cluster with FC LUNs. You have a requirement to identify and follow I/Os from each VM on the shared FC LUN-backed datastores for troubleshooting purposes.

In this scenario, which VMware feature is supported by ONTAP software to accomplish this task?

- A. Virtual machine ID (VMID)
- B. vSphere Cluster Services (vCLS)
- C. Storage I/O Control (SIOC)
- D. Network I/O Control (NIOC)

**Answer: B (LEAVE A REPLY)**

### NEW QUESTION: 7

Your customer calls you because one application is not able to access a NetApp ONTAP S3 bucket. While reviewing the EMS log on the cluster, you see the following message:

```
Thu Jun 24 15:02:47 -0400 [node-01: kernel: nblade.css.s3.AccessDenied:error]: Access is denied for user 'anonymous user' (Vserver 50), from client IP 10.10.10.10 accessing resource '/offload-target'.
```

The same credentials work in another application.

In this scenario, what would cause this problem?

- A. The application is trying to log in as an anonymous user.
- B. The application is trying to access using the HTTP protocol.
- C. The application is using v4 signatures.
- D. The application is using v2 signatures.

**Answer: A (LEAVE A REPLY)**

### NEW QUESTION: 8

After users start reporting the inability to create new files in a CIFS share, you find EMS events for wafl.dir.size.max logged for the volume of the SVM to which the share points.

In this scenario, which action should you take to solve this issue?

- A. Increase the maximum directory size for the volume.
- B. Delete unneeded files from the directory.
- C. Increase the maximum number of files for the volume.
- D. Move the volume to a different aggregate.

**Answer: (SHOW ANSWER)**

### NEW QUESTION: 9

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

```

c11:~> network interface show -vserver CIFS
-----
Vserver      Physical Interface  Status      Network      Current      Current  Is
              Admin/Oper  Address/Mask Node         Port        Home
-----
CIFS
      nfs1      up/up      10.92.4.202/16  c11n1      e2a-1092
                                     true
      iscsi1     up/up      10.91.3.132/24  c11n1      a0a-322
                                     true
      iscsi2     up/up      10.95.7.114/24  c11n1      a0a-456
                                     true
      mgmt      up/up      10.92.6.200/16  c11n1      e2a-1092
                                     true
      nfs2      up/up      192.168.3.9/24  c11n1      e2a-100
                                     true

c11:~> 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. e2a-100
- B. a0a-456
- C. e2a-1092
- D. a0a-322

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 10**

You Just used the CLI to create a NetApp ONTAP FlexGroup Volume on a NetApp Cloud Volumes ONTAP instance. After creation, you notice odd behavior in NetApp Cloud Manager.

In this scenario, what is the reason for this behavior?

- A. The Capacity Management Mode within Cloud Manager should be set to Manual.
- B. Cloud Volumes ONTAP does not support FlexGroup volumes.
- C. Cloud Manager must be used to provision the FlexGroup volume.
- D. The Capacity Management Mode within Cloud Manager should be set to Automatic.

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 11**

You want to assign storage access to an NVMe protocol host.

Which three objects must be configured to accomplish this task? (Choose three.)

- A. the NVMe broadcast domain
- B. the NVMe subsystem
- C. an NVMe LIF
- D. an NVMe LUN
- E. the NVMe namespace

**Answer: A,B,C (LEAVE A REPLY)**

### NEW QUESTION: 12

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-ad68-11e6-9864-9daa7f8a8bb1) 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.oog: Node (name=cm2220-cn-02, ID=1001) is out of "CLAM quorum"
(reason=heartbeat failure).
EMERGENCY callhome.clam.node.oog: 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. No takeover event will occur and NAS data UFs will not be accessible.
- B. Both nodes race to takeover the other, one node will takeover the other node.
- 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 (LEAVE A REPLY)**

### NEW QUESTION: 13

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

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

**Answer: A,D (LEAVE A REPLY)**

### NEW QUESTION: 14

You have connection Issues from a Linux host to an AFF A400 FC LUN. You are asked by support to run the NetApp sanlun command to provide troubleshooting information.

Which NetApp software package must be installed on the host?

- A. SnapDrive for UNIX
- B. Inventory Collect Tool
- C. Host Utilities package
- D. Virtual Storage Console

**Answer: C (LEAVE A REPLY)**

### NEW QUESTION: 15

Your customer has mounted an NFS SVM from a Linux client unci 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   Status   Network      Current      Current Is
Interface   Admin/Oper Address/Mask Node          Port        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
-----
Default Jumbo      9000
                cluster1-01:e0f
                cluster1-01:e0g
                cluster1-02:e0f
                cluster1-02:e0g
                Update
                Status Details
                complete
                complete
                complete
                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 true -packet-size 5000`
- B. `network ping -lif jumbo_01 -vserver svml_cluster1 -destination 192.168.0.210 -disallow-fragmentation true -packet-size 1000`
- C. `network ping -lif jumbo_01 -vserver svml_cluster1 -destination 192.168.0.210 -disallow-fragmentation true -packet-size 9000`
- D. `network ping -lif jumbo_01 -vserver svml_cluster1 -destination 192.168.0.210 -disallow-fragmentation false -packet-size 1000`

Answer: C (LEAVE A REPLY)

**NEW QUESTION: 16**

Which two automation methods does NetApp ONTAP Select support? (Choose two.)

- A. Docker
- B. Ansible
- C. PHP
- D. REST

Answer: B,D (LEAVE A REPLY)

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**NEW QUESTION: 17**

Your customer has deployed a two petabyte NetAppONTAP 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. -v4-fsid-change
- B. -v4-64bit-identifiers
- C. -v3-fsid-change
- D. -v3-64bit-identifiers

Answer: **(SHOW ANSWER)**

**NEW QUESTION: 18**

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.

```
vservers      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::*> vservers services dns dynamic-update show
Vservers      Is-Enabled Use-Secure Vservers 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 -vservers-fqdn parameter for the SVM DDNS services.
- B. Enable the -use-secure parameter for the SVM DDNS services.
- C. Remove the NFS protocol from the cifs\_01 data LIF.
- D. Enable the -is-enabledparameter for the SVM DDNS services

Answer: **A,D (LEAVE A REPLY)**

**NEW QUESTION: 19**

When an administrator tries to create a share for an existing volume named voll, the process fails with an error.

```
cluster1::> vserver cifs share create -vserver svml -share-name voll -
path /voll
command failed: The specified path "/voll" does not exist in the namespace belonging to Vserver
"svml".
```

Error:

```
cluster1::> vserver cifs share show
```

Vserver	Share	Path	Properties	Comment	ACL
svml	admin\$	/	browsable	-	-
svml	c\$	/	oplocks	-	BUILTIN\Administrators /
Full Control					

svml	ipc\$	/	browsable	-	-
changenotify					
show-previous-versions					

3 entries were displayed.

```
cluster1::> vserver cifs show
```

Vserver	Server Name	Status Admin	Domain/Workgroup Name	Authentication Style
svml	SVML	up	DEMO	domain

```
cluster1:*> volume show -vserver svml -volume voll
```

```

Vserver Name: svml
Volume Name: voll
Aggregate Name: cluster1_01_SSD_1
List of Aggregates for FlexGroup Constituents: cluster1_01_SSD_1
Encryption Type: none
List of Nodes Hosting the Volume: cluster1-01
Volume Size: 20MB
Name Ordinal: base
Volume Data Set ID: 1028
Volume Master Data Set ID: 2162375168
Volume State: online
Volume Style: flex
Extended Volume Style: flexvol
FlexCache Endpoint Type: none
Is Cluster-Mode Volume: true
Is Constituent Volume: false
Export Policy: default
User ID: -
Group ID: -
Security Style: -
UNIX Permissions: -----
Junction Path: -
Junction Path Source: -
Junction Active: -
Junction Parent Volume: -
Junction Active: true
Junction Parent Volume: svml_root
Vserver Root Volume: false
Comment:
Available Size: 18.76MB
Filesystem Size: 20MB
Total User-Visible Size: 19MB
Used Size: 244KB
Used Percentage: 1%
...
Volume Tiering Policy: none
Volume Tiering Minimum Cooling Days: -
Performance Tier Inactive User Data: -
Performance Tier Inactive User Data Percent: -

```



Referring to the exhibit, what is the reason for the error?

- A. The volume has not been mounted.
- B. The volume must have a type of DP.
- C. The CIFS service is not authenticating properly with the domain controller.

D. The CIFS service is not in workgroup mode.

Answer: (SHOW ANSWER)

### NEW QUESTION: 20

A customer is calling you to troubleshoot why users are unable to connect to their CIFS SVM.

```
ClusterB::*> storage disk show -broken

Original Owner: Node03
Checksum Compatibility: block

Physical
Disk          Outage Reason  HA Shelf Bay /Slot  Drawer  Usable
Chan  Pool  Type  RPM    Size  Size
-----
--
1.0.2  failed      3b    0  2  -/-  B
FAILED BSAS  7200  1.62TB 1.62TB

ClusterB::*> cluster ring show
Node      UnitName Epoch  DB Epoch DB Trnxs Master  Online
-----
Node03    mgmt      11      11      4879   Node04  secondary
Node03    v1db      0        11      358    -       offline
Node03    vifmgr    11      11      4892   Node04  secondary
Node03    bcomd     11      11      62     Node04  secondary
Node03    crs       11      11      6      Node04  secondary
Node04    mgmt      11      11      4879   Node04  master
Node04    v1db      0        11      358    -       offline
Node04    vifmgr    11      11      4892   Node04  master
Node04    bcomd     11      11      62     Node04  master
Node04    crs       11      11      6      Node04  master
10 entries were displayed.

ClusterB::*> system node run -node Node04 -command aggr status -r aggr2
Aggregate aggr2 (online, raid_dp, degraded) (block checksums)
Plex /aggr2/plex0 (online, normal, active, pool0)
RAID group /aggr2/plex0/rg0 (degraded, block checksums)

RAID Disk Device          HA  SHELF BAY CHAN Pool Type  RPM  Used (MB/blks)  Phys
(MB/blks)
-----
dparity  FAILED
parity   3c.0.11  3c  0  11  SA:B  0  BSAS  7200  2538546/ -
2543634/5209362816
data     3c.0.12  3c  0  12  SA:B  0  BSAS  7200  2538546/5198943744
2543634/5209362816
data     3c.0.13  3c  0  13  SA:B  0  BSAS  7200  2538546/5198943744
2543634/5209362816
data     3c.0.14  3c  0  14  SA:B  0  BSAS  7200  2538546/5198943744
2543634/5209362816
```

Referring to the Information shown in the exhibit, what is the source of the problem?

- A. The broken disk in Node03 is the source of the problem.
- B. The databases on Node03 must be switched from secondary to master.
- C. The aggregate aggr2 has a failed disk.
- D. The v1db database is offline.

Answer: B (LEAVE A REPLY)

### NEW QUESTION: 21

You have recently discovered that NetApp ONTAP Cloud Manager is not sending AutoSupport messages to NetApp.

In this scenario, what would solve this issue?

- A. Verify that your NetApp Support site credentials are correctly added to Cloud Manager.

- B. Verify that your AWS credentials are correctly added to Cloud Manager.
- C. Verify that the inbound and outbound rules allow AutoSupport on port 80.
- D. Verify that your data LIFs allow traffic to mysupport .netapp.com on port 443.

**Answer: D (LEAVE A REPLY)**

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