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QUESTION 1

Click the Exhibit button.

Workload	ID	Latency	Network	Cluster	Data	Disk	QoS	NVRAM
test-wid1234	1234	12.38ms	74.00us	64.00us	135.00us	3.76ms	0ms	8.49ms
test-wid1234	1234	11.92ms	73.00us	73.00us	143.00us	3.07ms	0ms	8.62ms
test-wid1234	1234	12.42ms	73.00us	59.00us	178.00us	3.32ms	0ms	8.89ms

You have an ONTAP 2-node cluster. You complete the hardware assembly as quickly as possible and get everything online. You run a synthetic read/write test workload against a CIFS share, and it is slower than you expected. You run the same test again, but this time, you monitor the storage using a QoS command.

Referring to the exhibit, what is the problem?

- A. The slow disks are feeding back into NVRAM and slowing it down.
- B. An HA interconnect problem is present.
- C. Indirect cluster network traffic is driving up latency.
- D. There is not enough NVRAM.

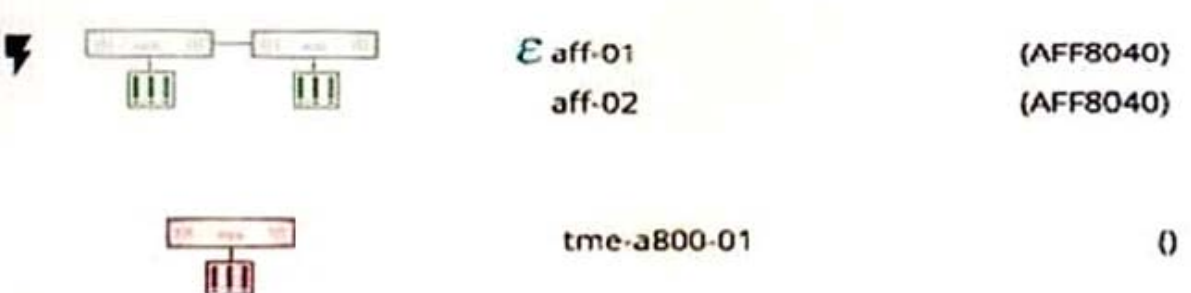
Correct Answer: C

QUESTION 2

Click the Exhibit button.

Nodes

4 Nodes



⚡

aff-01 (AFF8040)
aff-02 (AFF8040)

tme-a800-01 ()

✖ The following nodes are not reachable: tme-a800-01 and tme-a800-02

< > (1 of 2)

```
aff::> cluster show
Node                Health  Eligibility
-----
aff-01              true    true
aff-02              true    true
tme-a800-01         false   true
tme-a800-02         false   true
4 entries were displayed.
```

The exhibit shows the Nodes section of OnCommand System Manager from ONTAP 9.5 and the output of the cluster show command.

Referring to the exhibit, which two statements are correct about the tme-a800-01 and tme-a800-02 nodes? (Choose two.)

- A. The two nodes have lost their connections to the cluster network.
- B. The two nodes are both powered down.
- C. The two nodes have failed over to the AFF-01 and AFF-02 nodes.
- D. The two nodes have been unjoined from the cluster.

Correct Answer: AB

QUESTION 3

A coworker notices an "Unsynchronized Log" message on an AFF A700 controller. You suspect that the problem might be with the HA interconnect.

In this scenario, which two commands would you use to provide additional information? (Choose two.)

- A. Use the event log show command.
- B. Use the system cluster-switch show command.
- C. Use the storage failover show command.
- D. Use the storage adapter show command.

Correct Answer: AC

QUESTION 4

Click the Exhibit button.

```
A::> system node run -node local sysconfig

NetApp Release 9.5P1: Tue Feb 19 16:41:01 EST 2019
System ID: 0536964189 (A-01); partner ID: 0536946358 (A-02)
System Serial Number: 701513000864 (A-01)
System Rev: C0
System Storage Configuration: Mixed-Path HA
System ACP Connectivity: NA
All-Flash Optimized: false
Backplane Part Number: 111-01459
Backplane Rev: D0
Backplane Serial Number: 021404006660
...
```

A storage administrator determines that LUNs which are hosted on a particular aggregate are performing poorly over the previous 24 hours. The storage administrator begins an investigation by issuing the commands that are shown in the exhibit.

In this situation, what would cause the performance degradation?

- A. An SVM DR operation is occurring.
- B. A shelf I/O module fault is occurring.
- C. The HA pair that is hosting the aggregate is in takeover.

D. A volume move operation is occurring.

Correct Answer: B

QUESTION 5

What are two valid storage layouts when using the SnapCenter Plug-in for Microsoft SQL Server? (Choose two.)

- A. storing multiple LUNs in a volume
- B. storing a single database per LUN
- C. storing multiple databases per LUN
- D. storing database files on a LUN that contains the log directory

Correct Answer: AB

Reference: <https://docs.netapp.com/ocsc-43/index.jsp?topic=%2Fcom.netapp.doc.ocsc-dpg-mssql%2FGUID-F15BFFC5-5DB5-4D56-AD52-ADD65331EED9.html>

QUESTION 6

Click the Exhibit button.

```
slot 0: SAS Host Adapter 0a (PMC-Sierra PM8001 rev. C, SAS, <UP>)
  Firmware rev:      01.12.09.00
  Base WWN:          5:00a098:005861e:b0
  Phy State:         [0] Enabled, 3.0 Gb/s
                    [1] Enabled, 3.0 Gb/s
                    [2] Enabled, Rate unknown
                    [3] Enabled, Rate unknown
  00.0 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0J6F9XC)
  00.1 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0K6F9XC)
  00.2 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0K8F9XC)
  00.3 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0K7F9XC)
  00.4 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0J2F9XC)
  00.5 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0J3F9XC)
  00.6 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0J4F9XC)
  00.7 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0J5F9XC)
  00.8 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0K9F9XC)
  00.9 : NETAPP      X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6E0A0KAF9XC)
  00.10: NETAPP     X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6D0A1YWF9XC)
  00.11: NETAPP     X477_TTCRE04TA07 NA01 3807.8GB 520B/sect (X6D0A1YVF9XC)
  Shelf 0: DS4243   Firmware rev. IOM3 A: 0212 IOM3 B: 0212
```

Users are reporting poor performance from an aggregate that is hosted on SATA drives in shelf 0. You review the results from the sysconfig -a command for any unusual output.

Referring to the exhibit, what should you do to solve this issue?

- A. Upgrade IOM3 to IOM6 modules.
- B. Add SSDs to the aggregate.
- C. Replace the SAS cable.
- D. Replace the drives.

Correct Answer: A

QUESTION 7

Click the Exhibit button.

```
[monitor.brokenDisk.notice:notice]: When a disk is broken, the system shuts down automatically every 24 hours to encourage you to replace the disk. If you reboot the system it will run for another 24 hours before shutting down. (The 24 hour timeout may be increased by altering the raid.timeout value using the options command.)
```

You receive the AutoSupport message that is shown in the exhibit.

Under which two circumstances would you receive this message? (Choose two.)

- A. There is a three-disk failure in a RAID-TEC group.
- B. There is a two-disk failure in a RAID DP group.
- C. There is a single-disk failure in a RAID DP group.
- D. There is a two-disk failure in a RAID-TEC group.

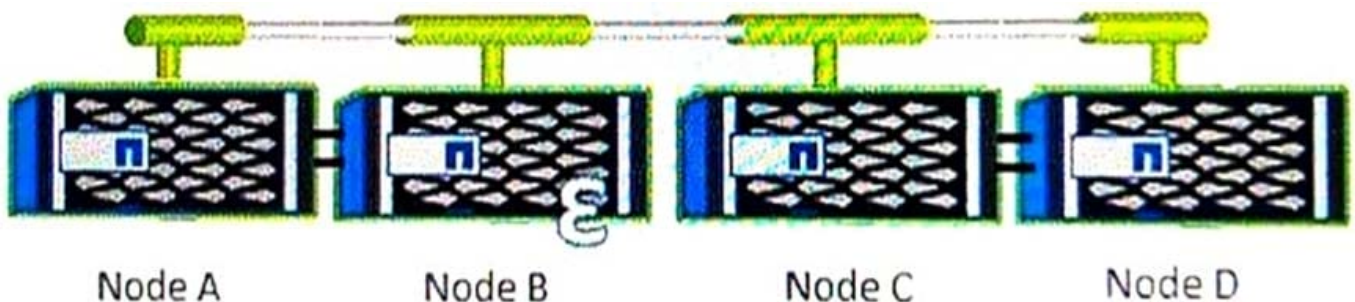
Correct Answer: BC

Reference:

<https://library.netapp.com/ecmdocs/ECMP1196986/html/GUID-308CE46D-2CB0-4F70-96A9A2151C5CA61F.html>

QUESTION 8

Click the Exhibit button.



Referring to the exhibit, if Node loses power, what are two nodes where epsilon would move? (Choose two.)

- A. Node D
- B. Node
- C. Node A
- D. Node C

Correct Answer: CD

QUESTION 9

You provision a new ONTAP volume to use as a VMware vSphere NFS datastore. You successfully mount the volume to the vSphere (ESXi) hosts, and you can read, write, and delete small (less than 1 KB) test files. However, you cannot upload large files or Storage vMotion VMs to the new datastore. You verify that the volume is reporting adequate free space.

Which action should you perform to troubleshoot this problem?

- A. Verify that the NFS LIF is on its home port.
- B. Verify the MTU configuration along the network path.
- C. Verify that the security style is set correctly on the volume.
- D. Verify that the export policy is correct for the volume.

Correct Answer: B

Reference: <https://kb.vmware.com/s/article/1003967>

QUESTION 10

Click the Exhibit button.

FC/FCoE and NVMe Adapters

[/ Edit](#) [Status](#) ▼ [Refresh](#)

WWNN	Node Name	Slot	Data Protocols	WWPN	Status	Speed
50.0a:09:80:80:21:d4:a7	aff-01	0e	fc	50.0a:09:87:80:21:d4:a7	online	auto
50.0a:09:80:80:21:d4:a7	aff-01	0g	fc	50.0a:09:86:80:21:d4:a7	online	auto
50.0a:09:80:80:21:d4:a7	aff-01	0h	fc	50.0a:09:85:80:21:d4:a7	link not connected	auto

The 0f FCP port is not showing up in the list of FC/FCoE and NVMe adapters as shown in the exhibit. What is the problem in this situation?

- A. The 0f FCP port is configured as a target port, but it is not connected to a switch.
- B. The 0f FCP port is configured as a CAN port for FCoE.
- C. The 0f FCP port is configured as an initiator.
- D. The 0f FCP port is configured as a target port, but no SFP+ is installed.

Correct Answer: A

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