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**QUESTION 1**

What is the proper command to start a packet trace in ONTAP 9.3?

- A. system node run -node * pktt
- B. network ping
- C. network traceroute
- D. network tcpdump start

Correct Answer: D

Reference: https://kb.netapp.com/app/answers/answer_view/a_id/1029833/~/_/how-to-capture-packettraces-%28tcpdump%29-on-ontap-9.2%2B-systems-

QUESTION 2

You are provisioning a LUN for a server running Windows Server 2016.

In this scenario, which ONTAP LUN OS type should you use?

- A. hyper_v
- B. windows
- C. windows_2008
- D. windows_gpt

Correct Answer: B

Reference: https://thinksystem.lenovofiles.com/help/topic/san_administration_guide/M_DDA6B457-854443AC-92E8-D846A0BA7671_.pdf (22)

QUESTION 3

Click the exhibit button.

```
::> qos statistics volume latency show -volume csdata -vserver nas1
```

Workload	ID	Latency	Network	Cluster	Data	Disk	QoS	NVRAM
csdata-wid1234	1234	12.68ms	74.00us	0ms	835.00us	10.77ms	0ms	0ms
csdata-wid1234	1234	12.12ms	73.00us	0ms	643.00us	10.07ms	0ms	0ms
csdata-wid1234	1234	12.42ms	73.00us	0ms	643.00us	10.32ms	0ms	0ms

Based on the QoS output from the storage controller, your database administrator is complaining of slow read and write performance.



Referring to the exhibit, what would be two appropriate actions to improve performance for both reads and writes? (Choose two.)

- A. Move the workload to an SSD aggregate.
- B. Apply a QoS maximum policy to the csdata-wid1234 workload.
- C. Add a Flash Pool to the existing aggregate.
- D. Upgrade the controller's NVRAM.

Correct Answer: BC

QUESTION 4

You have severe database performance issues with a server connected to 8-Gb FC switches to storage. You know that the problem is not the storage because the QoS output indicates that the issue is outside the controller. You need to examine each piece of the chain, such as switch port status and the host contribution to latency.

In this scenario, which NetApp product would provide the required information?

- A. OnCommand Unified Manager
- B. OnCommand Insight
- C. SnapDrive
- D. OnCommand Performance Manager

Correct Answer: D

QUESTION 5

Click the Exhibit button.



```
alphanal1::> net port show -node alphanal-01
(network port show)
```

```
Node: alphanal-01
```

Port	IPspace	Broadcast	Domain	Link	MTU	Speed (Mbps) Admin/Oper	Health Status
a0a	Default	-		up	9000	auto/10000	healthy
a0a-101	Default	alpha_servers		up	1500	auto/10000	healthy
a0a-105	Default	nfs		up	9000	auto/10000	healthy
a0b	Default	-		down	1500	auto/-	-
a0M	Default	mgmt		up	1500	1000/1000	healthy
a0a	Default	-		down	1438	1000/-	-
a0b	Default	-		down	1500	1000/-	-
a0c	Default	-		up	9000	auto/10000	healthy
a0d	Default	-		up	9000	auto/10000	healthy
a0e	Cluster	Cluster		up	9000	auto/10000	healthy
a0f	Cluster	Cluster		up	9000	auto/10000	healthy

```
alphanal1::> ifgrp show -node alphanal-01 -ifgrp a0a
```

```
Node: alphanal-01
Interface Group Name: a0a
Distribution Function: port
Create Policy: multimode
MAC Address: 02:a0:98:76:e5:da
Port Participation: full
Network Ports: e0c, e0d
Up Ports: e0c, e0d
Down Ports: -
```

Users are experiencing sporadic network connectivity issues to an ONTAP cluster. The network administrator reports a large amount of MAC flapping on the switch ports connected to NetApp ports e0c and e0d. The ONTAP cluster is configured as shown in the exhibit.

Referring to the exhibit, how would this issue be solved?

- A. Ensure that the MTU on the switch is 9000.
- B. Ensure that the switch is configured with VLAN trunking.
- C. Ensure that the switch is configured with static link aggregation.
- D. Change the MTU on port a0a-100 to 9000.

Correct Answer: A

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