



**Vendor:** Network Appliance

**Exam Code:** NS0-160

**Exam Name:** NetApp Certified Data Administrator, ONTAP

**Version:** DEMO

### QUESTION 1

A customer ordered a FAS8200 running ONTAP 9.4 with 4 TB SATA drives. You want to use the ADP features to avoid consuming the high capacity drives for the root aggregates. Before starting the initial setup of the cluster, you run the aggr status command and notice that ADP is not being used.

In this scenario, which boot menu option do you use to solve the problem?

- A. Option 7
- B. Option 5
- C. Option 9
- D. Option 4

**Answer: C**

**Explanation:**

- (1) Normal Boot.
- (2) Boot without /etc/rc.
- (3) Change password.
- (4) Clean configuration and initialize all disks.
- (5) Maintenance mode boot.
- (6) Update flash from backup config.
- (7) Install new software first.
- (8) Reboot node.
- (9) Configure Advanced Drive Partitioning

### QUESTION 2

When a write from a SAN host is received, the information is stored within the controller before it is written to the underlying RAID.

In this scenario, which component stores the data?

- A. HBA
- B. FlashCache
- C. Flash Pool
- D. NVRAM

**Answer: D**

### QUESTION 3

An administrator notices that the applications are running slowly. The administrator wants to determine which component on the ONTAP subsystem is experiencing the most latency.

In this scenario, which command would you use to accomplish this task?

- A. run -node \* stats show system::sys\_avg\_latency
- B. statistics system show
- C. run -node \* -command sysstat -x 1
- D. qos statistics latency show

**Answer: D**

**Explanation:**

[https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-940%2Fqos\\_statistics\\_volume\\_latency\\_show.html](https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-940%2Fqos_statistics_volume_latency_show.html)

**QUESTION 4**

A customer has four or more nodes in a cluster. More than four target ports are being used by the SVMs in any node. The customer wants to limit the number of paths that can be used to access LUNs on the nodes, so that the paths do not exceed the recommended maximum of eight. In this scenario, which three actions will accomplish this task? (Choose three.)

- A. Use ALUA protocol.
- B. Use multipathing software.
- C. Use port sets for iSCSI.
- D. Use Selective LUN Mapping
- E. Use FC switch zoning.

**Answer:** CDE

**Explanation:**

<https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-sanconf%2FGUID-133F725D-6EE4-4ACF-8352-73E731B7CFD9.html>

**QUESTION 5**

A customer configured CIFS in an ONTAP 9.5 SVM. The customer wants to verify if the "CIFS Server" is accessible from each node of the cluster. In this scenario, which command will accomplish this task?

- A. vserver cifs session
- B. vserver cifs connection show
- C. vserver cifs check
- D. vserver cifs domain discovered-servers

**Answer:** C

**Explanation:**

[https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-950%2Fvserver\\_\\_cifs\\_\\_check.html](https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-950%2Fvserver__cifs__check.html)

**QUESTION 6**

Click the Exhibit button. An export policy rule for a volume is set by using the command shown in the exhibit. If clients with IP addresses 10.64.19.0 and 10.64.18.20 accessed the export, what is the outcome?

```
::> vserver export-policy rule create -vserver vs1 -policyname test
-clientmatch 10.64.18.0/24 -rorule any -rwrule any -protocol nfs3 -ruleindex 1 -
anon 70
```

The rule created above is verified by using the command that follows:

```
::> vserver export-policy rule show
```

Vserver	Policy Name	Rule Index	Access Protocol	Client Match	RO Rule
vs1	test	1	nfs3	10.64.18.0/24	any

- A. Neither client is given access.
- B. Client 10.64.19.0 is given access but 10.64.18.20 is not given access.
- C. Client 10.64.19.0 is not given access but 10.64.18.20 is given access.
- D. Both clients are given access.

**Answer: C**

**Explanation:**

<https://library.netapp.com/ecmdocs/ECMP1196891/html/GUID-23762F2F-C02A-482E-A5B2-7E165DB24973.html>

#### QUESTION 7

Referring to the exhibit, to where will LIF4 move if you unplug the cable from node02 port e0d?

```
::> network port broadcast-domain show -broadcast-domain Default
```

IPspace Name	Broadcast Domain Name	MTU	Port List	Update Status Details
Default	Default	1500		
			node01:e0c	complete
			node01:e0d	complete
			node02:e0c	complete
			node02:e0d	complete

```
::> network interface failover-groups show
```

Vserver	Group	Failover Targets
cluster1	Default	node01:e0c, node01:e0d node02:e0c, node02:e0d
	e0c	node01:e0c, node02:e0c
	e0d	node01:e0d, node02:e0d

```
::> network interface show -vserver SVM1 -fields home-node, home-port, failover-group, failover-policy
```

vserver	lif	home-node	home-port	failover-policy	failover-group
SVM1	LIF1	node01	e0c	system-defined	Default
SVM1	LIF2	node02	e0d	system-defined	e0d
SVM1	LIF3	node01	e0c	system-defined	e0c
SVM1	LIF4	node02	e0d	local-only	Default

- A. node01 port e0c
- B. node02 port e0c
- C. node02 port e0d
- D. node01 port e0d

**Answer: B**

**Explanation:**

The failover policy is local-only

The Default failover group has Node2:e0c in it which is the only local port that Node2:e0d can failover to.

**QUESTION 8**

To which three objects on an ONTAP 9.3 cluster would you assign a QoS throughput floor?  
(Choose three.)

- A. a volume on FAS
- B. a LUN on AFF
- C. a volume on AFF
- D. an SVM on AFF
- E. a file on AFF

**Answer:** BCE

**Explanation:**

<https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.pow-perf-mon%2FGUID-77DF9BAF-4ED7-43F6-AECE-95DFB0680D2F.html>

**QUESTION 9**

Click the Exhibit button.

IPspace	Vserver List	Broadcast Domains
Cluster	Cluster	Cluster
Default	svm1, svm2, cluster1	Default
IPspace1	SVM1A, SVM2A,	IPspace1
IPspace2	SVM2A, SVM2B,	IPspace2

You execute the cluster1::> network ipspace show command, and notice that two IPspaces are not able to be renamed or deleted.

Referring to the exhibit, what are these two IPspaces? (Choose two.)

- A. IPspace1
- B. Default
- C. IPspace2
- D. Cluster

**Answer:** BD

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