



**Vendor:** Network Appliance

**Exam Code:** NS0-191

**Exam Name:** NetApp Certified Support Engineer

**Version:** DEMO

### QUESTION 1

Click the Exhibit tab. The exhibit shows an overview of a customer's network design. The customer is experiencing ping loss.

As part of the troubleshooting process, you receive output by using the if grp status command from the node shell.

Question
Exhibit

Dynamic Multi-Mode VIF (LACP)

```

default: transmit 'IP Load balancing', Ifgrp Type 'multi_mode', fail 'log'
VIF1: 2 links, transmit 'IP Load balancing', Ifgrp Type 'lacp' fail 'default'
Ifgrp Status Up Addr_set
up:
e0a: state up, since 26Feb2013 04:58:05 (4+19:12:27)
mediatype: auto-10g_sr-fd-up
flags: enabled
lag_inactive, aggr port: e0b
input packets 9493, input bytes 1177132
input lacp packets 13831, output lacp packets 415997
output packets 617618727, output bytes 2908794789546
up indications 3, broken indications 0
drops (if) 0, drops (link) 0
indication: up at 26Feb2013 04:58:05
consecutive 0, transitions 3
e0b: state up, since 26Feb2013 04:58:04 (4+19:12:28)
mediatype: auto-10g_sr-fd-up
flags: enabled
lag_inactive, aggr port: e0b
input packets 9494, input bytes 1177256
input lacp packets 13830, output lacp packets 414747
output packets 505631519, output bytes 4117402075645
up indications 3, broken indications 0
drops (if) 0, drops (link) 0
indication: up at 26Feb2013 04:58:04
consecutive 0, transitions 3
    
```

In this scenario, what is the customer's problem?

- A. The interface group on the controller is not using the default type, causing a connection mismatch with the switch.
- B. Link aggregation is not active on the switch, despite being in the design.
- C. Virtual interface (VIF) is deprecated in clustered Data ONTAP because the interface group is not working as it should.
- D. Virtual LANs (VLANs) are not used, which causes the interfaces to be overloaded.

**Answer: C**

### QUESTION 2

You are creating a disk-partitioned root aggregate.

Which two rules are enforced automatically when accomplishing this task? (Choose two.)

- A. A RAID group cannot have more than one partition from the same disk.
- B. A RAID group can have more than one partition from the same disk.
- C. The only supported RAID type for aggregates containing root-data partitioned disks is RAID-DP.
- D. The only supported RAID type for aggregates containing root-data partitioned disks is RAID 4.

**Answer:** AC

**Explanation:**

[https://kb.netapp.com/support/s/article/faq-advanced-disk-partitioning-rules?language=en\\_US](https://kb.netapp.com/support/s/article/faq-advanced-disk-partitioning-rules?language=en_US)

### QUESTION 3

What is the next step if you must escalate an open case?

- A. Upload the support case and core data files to NetApp Support and to Engineering.
- B. Clustered Data ONTAP triggers the AutoSupport mechanism automatically again.
- C. Call NetApp Support and ask to speak to the duty manager.
- D. Call NetApp Support and open a new case.

**Answer:** C

### QUESTION 4

You are planning to move to a newer clustered Data ONTAP version. Which two resources should you review prior to the move? (Choose two.)

- A. Software Setup Guide
- B. IMT
- C. Upgrade Advisor
- D. System Administration Guide for Cluster Administrators

**Answer:** BC

### QUESTION 5

A 2 node cluster (Node-1 and Node-2) has suffered a takeover event. The down node (Node-1) is currently waiting for giveback. However, it is unsure if the node will boot successfully. The client suffer any data outage. Which command would you use to perform the giveback?

- A. CLUSTER::> storage failover giveback -of node Node-1-only-do-aggregates
- B. CLUSTER::> storage failover giveback -from node Node-2
- C. CLUSTER::> storage failover giveback -of node Node-1-require-partner-waiting false
- D. CLUSTER::> storage failover giveback -of node Node-1-override-vetoes true cannot

**Answer:** C

### QUESTION 6

You have an aggregate with 10 TB of free space. You create a 5 TB volume with space-guarantee set to none and fractional reserve set to 0. Inside the volume, you create a 100 GB space-reserved LUN. In this scenario, how much free space is left in the aggregate?

- A. 9.8TB
- B. 9.9 TB
- C. 5 TB

D. 10TB

**Answer: B**

**Explanation:**

<https://library.netapp.com/ecmdocs/ECMP1196986/html/GUID-C9F36C22-8A46-4D44-B74D-54B56F834D29.html>

**QUESTION 7**

You just set up a new clustered Data ONTAP 8.3 environment and want to monitor volume performance.

Which two commands or products would help you accomplish this task? (Choose two.)

- A. OnCommand Performance Manager
- B. Quality of Service (QoS) commands
- C. OnCommand System Manager
- D. Syslog Server

**Answer: CD**

**QUESTION 8**

Your storage system has experienced a double-disk failure.

When is this scenario considered to be in double-degraded mode?

- A. when two disks failed on a node
- B. when two disks failed on a single aggregate
- C. when two disks failed in a single RAID group
- D. when two disks failed on a single disk shelf

**Answer: C**

**Explanation:**

<https://library.netapp.com/ecmdocs/ECMP1196912/html/GUID-1008E88A-E1D7-4043-9186-613084601417.html>

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