



# Network Appliance

NS0-157 Exam

**NetApp Certified Data Administrator, Clustered Data ONTAP**

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## Version: 12.0

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### Question: 1

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When creating a data aggregate, what is the default minimum number of disks for RAID4 and RAID-DP?

- A. 5 for RAID4 and 9 for RAID-DP
- B. 4 for RAID4 and 7 for RAID-DP
- C. 3 for RAID4 and 5 for RAID-DP
- D. 2 for RAID4 and 3 for RAID-DP

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**Answer: C**

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### Question: 2

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What are the two valid settings for fractional reserve? (Choose two.)

- A. 100%
- B. 20%
- C. 0%
- D. 50%

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**Answer: A, C**

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Explanation: The fractional reserve setting is expressed as a percentage; the only valid values are 0 and 100 percent. You use the vol options command to set fractional reserve.

Reference:

<https://library.netapp.com/ecmdocs/ECMP1368845/html/GUID-596042AF-8E9C-4187-969C-633DFDD5A936>

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### Question: 3

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How many disks reside in a DS4246 shelf?

- A. 46
- B. 42
- C. 14
- D. 24

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**Answer: D**

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Reference:

<http://www.netapp.com/uk/products/storage-systems/disk-shelves-and-storage-media/disk->

shelves-tech-specs.aspx(See the Table).

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**Question: 4**

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Which two NFS versions are supported on clustered Data ONTAP 8.3? (Choose two.)

- A. NFSv1
- B. NFSv2
- C. NFSv3
- D. NFSv4

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**Answer: C, D**

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Explanation: Configure clustered Data ONTAP 8.3 for NFSv3, NFSv4, and NFSv4.1, including parallel NFS (pNFS)

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**Question: 5**

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A customer wants to use a UTA2 PCIe card in a new FAS8000 system. Which three steps must be completed before the customer is able to use the ports for Fc access to an FCP switch? (Choose three.)

- A. Use the system hardware unified-connect modify command to change the personality from initiator to target.
- B. Verify the WWPN of the UTA2 so that these can be used in the igroup to map the LUNs for host access.
- C. Verify that the correct SFP+ is installed for FC.
- D. Verify the card's hardware configuration by running the system hardware unified-connect show command.
- E. Verify that Data ONTAP iSCSI, GIFS, and NFS are licensed on the system.

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**Answer: A, C, D**

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Reference:

<https://library.netapp.com/ecmdocs/ECMP1368525/html/GUID-ECODDAEE-1178-48EF-B90D-0A7DF498F71B>

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**Question: 6**

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Which two default SVM roles are available when an SVM is created? (Choose two.)

- A. vsadmin-readonly
- B. root
- C. vsadmin
- D. admin

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**Answer: A, C**

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Reference:

<https://library.netapp.com/ecmdocs/ECMP1368701/html/GUID-FFE11F8C-490B-4D6D-A18E-3488275029C7>(See the table 1st point and last point).

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### Question: 7

In the storage failover command, what does the bypass-optimization option do?

- A. It takes over the partner node without performing aggregate relocation.
- B. It migrates all logical interfaces during takeover.
- C. It takes over without migrating all logical interfaces.
- D. It takes over the partner node performing aggregate relocation.

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**Answer: A**

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Explanation:

Take over the partner node without performing aggregate relocation	storage failover takeover -bypass-optimization true
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Reference:

<https://library.netapp.com/ecmdocs/ECMP1367947/html/GUID-4B814447-521D-43B7-846D-AB4EF86A25A1>

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### Question: 8

Which type of upgrade is supported from a single-node FAS2552 to a dual-node cluster with clustered Data ONTAP 8.3 when all 10 GB ports are used for host access?

- A. a disruptive upgrade from a single-node cluster to a dual-node HA cluster
- B. a non-disruptive upgrade of a single-node cluster into a dual-node HA cluster
- C. a single-node cluster upgraded by migration of data to another single-node cluster
- D. a disruptive single-node cluster upgraded to a dual-node HA cluster by adding 10 Gb Ethernet cards

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**Answer: D**

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### Question: 9

Which two solutions are valid for clustered Data ONTAP MetroCluster? (Choose two.)

- A. FAS3200 series controllers
- B. FAS2500 series controller
- C. four nodes at each site
- D. two nodes at each site

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**Answer: A, D**

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### Question: 10

Which type of connectivity is supported when connecting third-party arrays through FlexArray Virtualization for back-end storage to a NetApp cluster?

- A. iSCSI
- B. SAS
- C. FC
- D. Infiniband

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**Answer: C**

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Reference:

On the back end, FlexArray attaches to your existing storage arrays via Fibre Channel and provides a virtualization layer between the storage array and the hosts

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**Question: 11**

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You have multiple volumes that are exported to a group of hosts within your environment. A new host needs access to the volumes.

Which two actions accomplish this task? (Choose two.)

- A. Mount the new exports from the host.
- B. Create a new SVM.
- C. Create a rule in the export policy on the SVM.
- D. Create a new data LIF on the SVM.

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**Answer: AC**

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**Question: 12**

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A customer wants to use jumbo frames on an interface group called a0

a. Interface group a0a contains ports e0c and e0d. Additionally, the customer is using VLAN tagging for VLANs 510 and 520. VLAN 510 will use jumbo frames but VLAN 520 will not. When the customer tries to enable jumbo frames on a0a-510 the command fails.

What caused the failure?

- A. The MTU size must be set on the broadcast domain to which the ports belong.
- B. The LIF corresponding with VLAN 510 is not configured for jumbo frames.
- C. Ports e0c and e0d have conflicting MTU sizes configured.
- D. Jumbo frames must be enabled from the advanced privilege set.

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**Answer: A**

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**Question: 13**

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You change the volume junction-path of vol1 from /vol/vol1 to /vol1. NFS clients are unable to connect to the new path/vol1.

Which mirrors need to be updated to solve this problem?

- A. TDP mirrors of the SVM root volume.
- B. XDP mirrors of the SVM root volume
- C. DP mirrors of the SVM root volume
- D. LS mirrors of the SVM root volume

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**Answer: D**

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**Question: 14**

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You just added a vSphere host to your environment that needs access to the existing NFS datastore. The applicable export policy is named VMW, and each host's IP address has been given access. What should you do to grant the new host access to the NFS datastore?

- A. Create a new volume.
- B. Create a new rule under the VMW export policy.
- C. Create a new SVM.
- D. Create a new export policy for the new host.

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**Answer: B**

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<https://library.netapp.com/ecmdocs/ECMP1366835/html/GUID-2DC069F8-1560-4805-846F-2C7DF084A9CB>

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**Question: 15**

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A NetApp cluster is connected to two network switches for resiliency. One of the network switches loses power. Most LIFs on the cluster automatically recover from the switch failure and are reachable through the network. One LIF used for CIFS access is not reachable through the network until power is restored to the failed switch.

Which two areas should be investigated to determine the problem? (Choose two.)

- A. The protocols allowed on the LIFs.
- B. The LIFs failover-group configuration.
- C. The LIFs home port.
- D. The broadcast domain's member ports.

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**Answer: B, D**

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