

NS0-161^{Q&As}

NetApp Certified Data Administrator, ONTAP

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QUESTION 1

Click the Exhibit button.

```
alphanal1:> vlan show -node alphanal-01 -vlan-name e0c-1

                Node: alphanal-01
                VLAN Name: e0c-1
                Associated Network Port: e0c
                Network Switch VLAN Identifier: 1
                MAC address: 02:a0:98:76:e5:da

alphanal1:>net int show -vserver lab-fs1
(network interface show)
-----
Vserver      Logical      Status      Network      Current      Current      Is
Interface    Admin/Oper   Address/Mask Node          Port         Home
-----
lab-fs1      lab-fs1_lif1 up/up        10.1.100.199/24  alphanal-01 e0c-1        true

alphanal1:> net route show -vserver lab-fs1
(network route show)
There are no entries matching your query.

alphanal1:> network ping -vserver lab-fs1 -lif lab-fs1_lif1 -destination 10.1.100.1
no answer from 10.1.100.1

alphanal1:> network ping -vserver lab-fs1 -lif lab-fs1_lif1 -destination 10.1.100.2
no answer from 10.1.100.2
```

You are configuring a NetApp cluster to communicate on VLAN 1. However, the new LIF is unable to communicate with any host in the VLAN. The network administrator has configured the switch port as an access (untagged) port on VLAN 1 and says that the VLAN is non-routed.

Referring to the exhibit, what would you do to troubleshoot this problem? (Choose the best answer.)

- A. Verify that there is not IP address conflict on the network.
- B. Reconfigure the LIF to be on port e0c.
- C. Add a default gateway.
- D. Verify that the network cabling is working properly.

Correct Answer: B

QUESTION 2

You created a thick-provisioned NAS volume. You receive an alert that the snapshot reserve is full. In this scenario, which two actions will solve this problem? (Choose two.)

- A. Increase the fractional reserve.
- B. Increase the snapshot reserve percentage.

- C. Delete Snapshot copies.
- D. Decrease the volume size.

Correct Answer: AC

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-vsmg%2FGUID2F5C9474-FFE9-4E59-84DB-1B9D6D134688.html>

QUESTION 3

You must enable remote authentication and grant a remote administrator either cluster admin or vsadmin access.

In this scenario, which three authentication types are supported for ONTAP 9.7? (Choose three.)

- A. CHAP
- B. AD
- C. SAML
- D. RADIUS
- E. LDAP

Correct Answer: BCE

Reference: <https://docs.netapp.com/ontap-9/topic/com.netapp.doc.pow-adm-auth-rbac/Administrator%20authentication%20and%20RBAC.pdf> (5)

QUESTION 4

Click the Exhibit button.

```
cluster1::> volume show -vserver vs2 -is-constituent *
Vserver  Volume  Aggregate  State  Type  Size  Available  Used%
-----
vs2      fg1      -          online RW    200TB  76TB      62%
vs2      fg1_0001 aggr1     online RW    25TB   10MB      99%
vs2      fg1_0002 aggr2     online RW    25TB   12TB      52%
vs2      fg1_0003 aggr1     online RW    25TB   10TB      60%
vs2      fg1_0004 aggr2     online RW    25TB   11TB      60%
vs2      fg1_0005 aggr1     online RW    25TB   10TB      56%
vs2      fg1_0006 aggr2     online RW    25TB   12TB      52%
vs2      fg1_0007 aggr1     online RW    25TB   10TB      60%
vs2      fg1_0008 aggr2     online RW    25TB   11TB      56%

cluster1::> aggr show
Aggregate  Size      Available  Used%  State  #Vols  Nodes  RAID Status
-----
aggr1      300TB    103.71TB  65%    online  30     cluster1-01  raid_dp, normal
aggr0_root 368.4GB  15.83GB   96%    online  1     cluster1-02  raid_dp, normal
aggr2      300TB    176.51TB  41%    online  25     cluster1-02  raid_dp, normal
aggr0_root 368.4GB  15.83GB   96%    online  1     cluster1-01  raid_dp, normal
4 entries were displayed
```

You have an ONTAP cluster that is running a FlexGroup that is serving SMB data out to various users. One of the users receives an error when trying to modify an existing file.

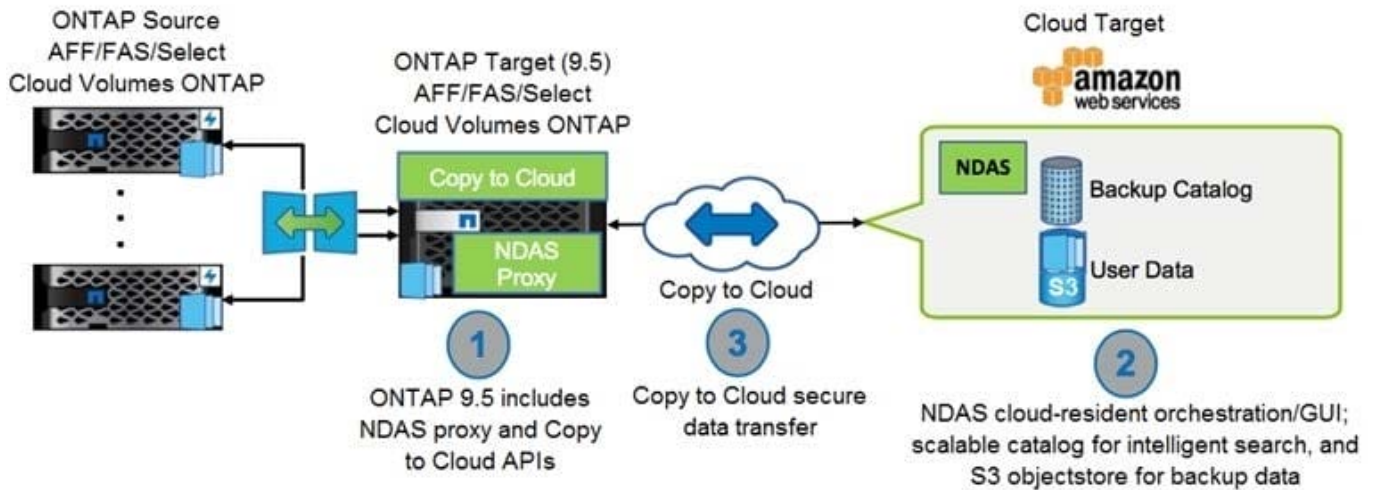
What is the cause of the problem? (Choose the best answer.)

- A. The FlexGroup is full
- B. The constituent is full
- C. The FlexGroup is offline
- D. The aggregate is full

Correct Answer: B

QUESTION 5

Click the Exhibit button.



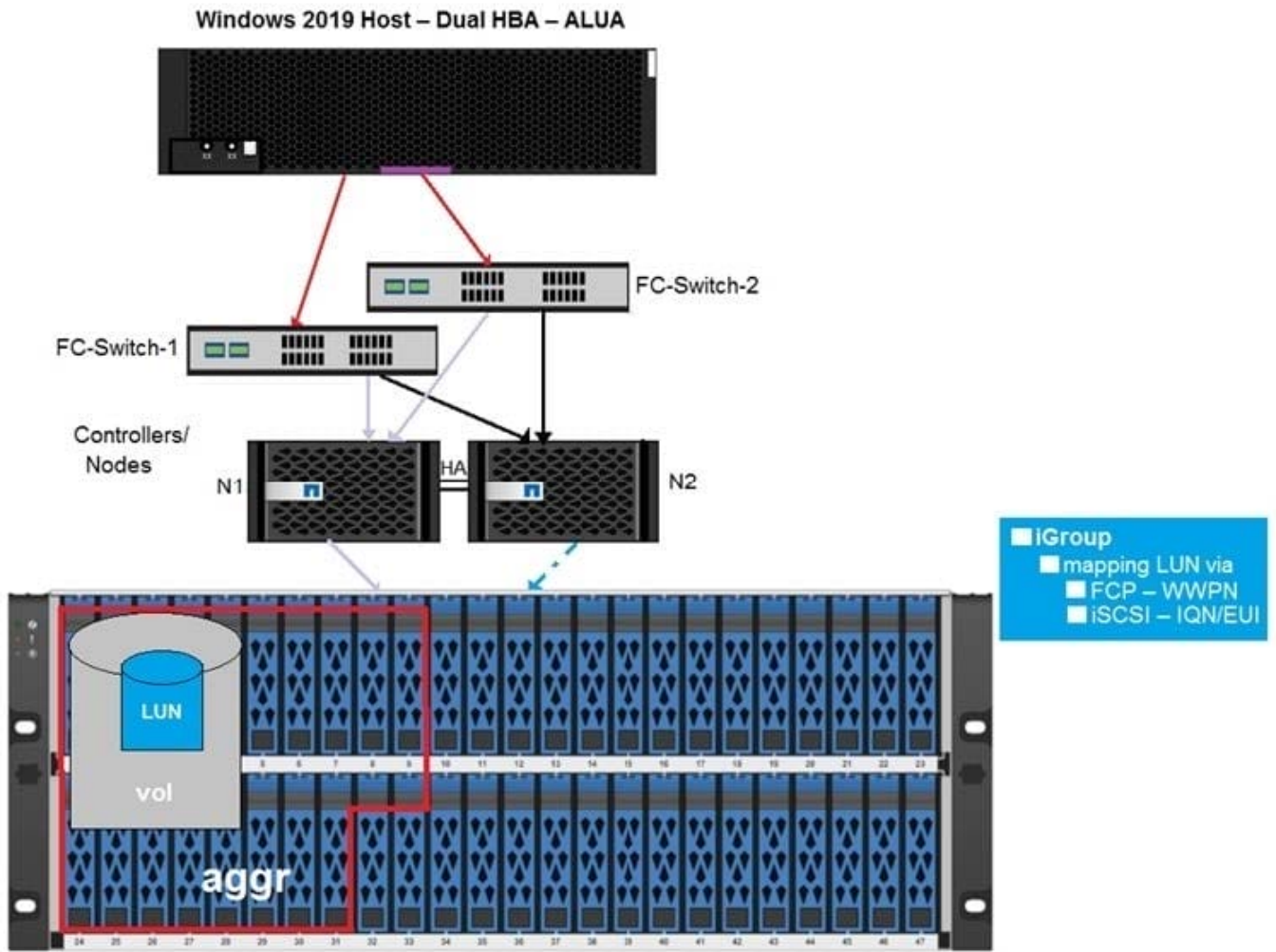
Referring to the exhibit, which LIF role is required to copy to cloud with this NetApp Data Availability Services (NDAS) solution? (Choose the best answer.)

- A. node management
- B. cluster
- C. data
- D. intercluster

Correct Answer: D

QUESTION 6

Click the Exhibit button.



The exhibit shows a Windows 2019 server with two FC HBAs using ALUA. How many paths to LUN1 are active/optimized? (Choose the best answer.)

- A. 8
- B. 2
- C. 1
- D. 4

Correct Answer: C

QUESTION 7

Click the Exhibit button.


```
cluster1::> qos adaptive-policy-group show -policy-group adaptive_qos
```

```
Name: adaptive_qos  
Vserver: svm1  
Uuid: 09ab72bc-3653-11ea-9e81-0050569dce56  
ID: 3782  
Expected IOPS: 2048 IOPS/TB  
Peak IOPS: 4096 IOPS/TB  
Absolute Minimum IOPS: 500 IOPS  
Expected IOPS Allocation: used-space  
Peak IOPS Allocation: allocated-space  
Block Size: ANY  
Number of Workloads: 0
```

```
cluster1::> vol show -volume vol01 -fields qos-adaptive-policy-group, size, used  
vserver    volume    size      used      qos-adaptive-policy-group  
-----  
svm1       vol01     2000GB    500GB    adaptive_qos
```

You have an ONTAP 9.7 cluster. You increased the size of the volume to 3 TB, but the IOPS did not increase as expected.

What are the expected IOPS for the volume after the change? (Choose the best answer)

- A. 2048
- B. 6144
- C. 1024
- D. 4096

Correct Answer: C

Reference: https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/What_is_Adaptive_QoS_and_how_does_it_work%3F

QUESTION 8

A customer uses Active IQ Unified Manager to configure SnapMirror relationships. In this scenario, which statement is true? (Choose the best answer.)

- A. Active IQ Unified Manager and OnCommand WFA have licensing dependencies.
- B. Active IQ Unified Manager uses the OnCommand WFA API.
- C. Automation works directly through Active IQ Unified Manager and later versions.
- D. Active IQ Unified Manager and OnCommand WFA cannot be installed on or work with the same cluster.

Correct Answer: B

QUESTION 9

Your company requires that all data must be encrypted in flight to prevent data from falling into the wrong hands.

What are two ways to accomplish this task? (Choose two.)

- A. Ensure that SnapMirror compression is enabled in all SnapMirror relationships.
- B. Modify your cluster peering relationships to support cluster peering encryption.
- C. Enable Multi-Factor Authentication (MFA) for your SnapMirror relationships.
- D. Ensure that all intercluster replication traffic is done through a VPN tunnel.

Correct Answer: BC

QUESTION 10

Which two components are required for committing data to a WORM volume? (Choose two.)

- A. You must license SnapLock.
- B. You must create a SnapLock volume.
- C. You must create a SnapLock SVM.
- D. You must create a SnapLock Aggregate.

Correct Answer: AB

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.pow-arch-con%2FGUID-ABFD860B-BBC5-4F0A-A83F-0942E4C214AA.html>

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