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DEE-1421

Expert - Isilon Solutions Exam



Exam A

QUESTION 1

An administrator is investigating the performance of one of their Dell EMC Isilon clusters. Using the `isi statistics drive` command, the performance of the first five drives is shown. Based on the exhibit, what represents the status of the drives?

```
isi statistics drive --nodes all --sort TimeInQ,Queued | head -n 30
```

Drive	Type	OpsIn	BytesIn	OpsOut	BytesOut	TimeAvg	TimeInQ	Queued	Busy
1:11	SATA	219.8	2.0M	19.6	265K	0.1	585.2	86.4	97.2
3:12	SATA	220.8	1.9M	12.8	262K	0.1	504.9	78.5	100.0
1:12	SATA	229.4	2.1M	13.6	270K	0.1	504.3	65.5	97.6
2:12	SATA	222.0	2.1M	13.0	262K	0.1	471.8	60.4	100.0

- A. I/O latency is approximately half a millisecond
- B. Drives operate well within their estimated IOPS limits
- C. I/Os are not queuing due to high latency
- D. Drives exceed their estimated IOPS limits

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 2

An IT team is preparing to replicate a dataset from their existing primary Dell EMC Isilon cluster to a secondary cluster. Both clusters are licensed for SmartLock Enterprise and SyncIQ is used for replication. The source directory is a SmartLock directory and the target directory must be a SmartLock directory.

When consulting with the IT team, what is a key consideration before running the replication policy?

- A. Enable WORM on the target directory after the initial synchronization.
- B. Allow OneFS to create the target directory automatically.
- C. Manually create target SmartLock directory before replicating.
- D. Specify the "root" user that can delete files committed to a WORM state.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

A company has three Dell EMC Isilon X2000 nodes and needs to configure two subnets on the cluster. The production subnet will only use a 10 GigE-1 port from each node. The second subnet will use both ext-1 and ext-2 ports on each node. The company will access each subnet with its SmartConnect zone name.

Given that the second subnet is isolated with no route to the DNS server, how many IP addresses are needed for each subnet to accommodate the requirements?

- A. 3 for production and 7 for isolated
- B. 4 for production and 6 for isolated
- C. 4 for production and 7 for isolated
- D. 6 for production and 4 for isolated

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4 What enables CloudPools to achieve a recall of data from the cloud?

- A. Creating a HardLink file for every file whose data is archived to the cloud
- B. Creating a SoftLink file for every file whose data is archived to the cloud
- C. Creating a SmartLink file for every file whose data is achieved to the cloud
- D. Creating a copy file for every file whose data is achieved to the cloud

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.emc.com/collateral/white-papers/h14775-isilon-cloud-pools-and-ecs-solution-guide.pdf>

QUESTION 5

SyncIQ policies are being configured between two Dell EMC Isilon clusters at a company's location. In addition, the company wants the ability to perform a failover at an Access zone level. Which actions should be performed to meet the requirement?

- A. Create one NS record delegation per cluster.
NS record should always point directly to the cluster SSIP address.
- B. Create one NS record delegation per SmartConnect zone.
NS record should always point to an "A" record containing the zone SSIP.
- C. Create one NS record delegation per SmartConnect zone.
NS record should always point directly to the SmartConnect zone IP address.
- D. Create one NS record delegation per cluster.
NS record should always point to an "A" record containing the cluster SSIP address.



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

A company uses the Dell EMC Isilon cluster's A200 nodes for short-term archiving of digitized film. Historical and trending information shows that the cluster capacity will reach 90% full in 60 days. To avoid the need to purchase additional A200 nodes, the company requires a solution that archives data not accessed for 18 months to a more cost-effective platform. The long-term archive data must be online and accessible. Some performance loss is acceptable.

Which IT strategy provides a long-term solution that meets the requirements?

- A. Use data deduplication on achieved data accessed within 180 days
- B. Use SyncIQ to replicate the archive to the H600 nodes on the secondary cluster
- C. Use NDMP to backup to disk using compression and deduplication
- D. Use a CloudPools policy to move the target data to an ECS-powered cloud

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

A company uses a Dell EMC Isilon cluster to store greater than one billion files. The company often restores files from NDMP backups.

Which backup technology is recommended for the environment?

- A. Two-way NDMP restore
- B. Directory DAR
- C. Three-way NDMP restore
- D. Direct Access restore

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

A company is planning to replicate a dataset to a newly implemented Dell EMC Isilon cluster. SyncIQ will be used from the source cluster to the target cluster. The company's systems administrator wants to know how long the initial synchronization will take without seeding. The administrator provides the following information:

- Link speed between clusters is 1 Gb/s
- Link speed efficiency is 85%
- SyncIQ domain size is 125TB

If no SyncIQ performance rules are set, what is the estimated number of days?

- A. 10
- B. 12
- C. 14
- D. 16



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

A company has a medical application that generates a large number of media files. The file count is well over one billion and is stored on a Dell EMC Isilon 8-node NL410 cluster. Currently, each node is connected to the network using two 10GbE connections. The Linux-based application does not require high bandwidth; however, it is latency sensitive. Additionally, the Linux hosts are connected to the cluster over NFSv3. The application generates approximately 10,000 files every 10 minutes.

For the past four years, the cluster has been growing at a rate of one additional node per year. The company is running out of free ports on their redundant network switches. They want to know what can be done to ensure continuous availability. They do not want to invest in upgrading the network infrastructure. In addition, the company needs to reduce the number of consumed interface ports on the switches.

Which recommendation should be provided?

- A. Leave the first four nodes of the cluster connected to both network switches with LACP and free up the remaining connections
- B. Leave the first node of the cluster connected to both network switches and free up the remaining connections
- C. Leave the first four nodes of the cluster connected to both network switches and free up the remaining connections
- D. Leave the first 10GbE interface from each node connected to the same network switch and free up the remaining connections

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

An IT team is implemented a disaster recovery solution. A Dell EMC Isilon cluster will replicate production data from the existing primary cluster to a planned secondary cluster. The primary cluster is licensed for SmartLock Enterprise. A SmartLock enterprise type directory on the primary cluster is planned for SyncIQ replication to the secondary cluster.

When consulting with the IT team. What is a key consideration when replacing the data in a SyncIQ source directory configured with SmartLock Enterprise mode?

- A. Replication is allowed but a failback will copy the entire dataset B.
- SyncIQ will support a failback regardless of the target's directory type.
- C. Target directory must be a SmartLock enterprise type.
- D. A SyncIQ policy is not supported on a WORM domain.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

A company plans to deploy N+2d:1n protection on a 7-node Dell EMC Isilon cluster. How much capacity will be used to store a 1536 KB file?

- A. 1280 KB
- B. 1792 KB
- C. 1920 KB
- D. 2048 KB

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

You are working with a company to migrate from a Microsoft Windows file server to a Dell EMC Isilon cluster using the account "admin1" in the "Domain Admin" group. When opening a directory, you receive an error message stating "permission denied". You check the permissions and see that Domain Users are denied, Domain Admin has Full Control, and admin1 has read permission.

Why is the access denied?

- A. admin1 is not the owner of the directory
- B. admin1 only has read permission
- C. admin1 is a member of the Domain Admin group
- D. Deny ACE entry is listed first

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A company has an existing Dell EMC 4-node X410 Gen 5 cluster with approximately 100TB of SMB shares connected using two InfiniBand 8-port switches. The company wants a technical refresh of the cluster with a new 4-node H500 Gen 6 cluster with two 16-port InfiniBand switches. The existing cluster has SyncIQ, SmartConnect Advanced, and SmartPools licenses installed.

To move the data from the existing modes to the new nodes, which migration plan is recommended?

- A. Setup a new cluster with the new Gen 6 nodes and its InfiniBand switchesUse SyncIQ to migrate the data and then SmartFail the existing cluster
- B. Setup a new cluster with the new Gen 6 nodes and its InfiniBand switchesUse EMCopy to migrate the data and then use “sharedup” to create the shares
- C. Modify the default file pool policy to move the data
Swap the existing InfiniBand switches with the new switches
- D. Add the new nodes to the existing cluster
Modify the default file pool policy to move the data and then SmartFail the existing nodes

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

A Dell EMC Isilon administrator has set up security on a share as shown in the exhibit. Users in the group entitled “domain users” should only be allowed read access to the share. Which user or group is able to only read from the share called “test”?

* Name
test

Description
No value

*Path
/ifs/test

Home Directory Provisioning
Path variables will not be expanded
Directories will not be automatically created

Continuous Availability
Disabled

Members
ISILON\sudent is not a root with full control
Everyone is not a root with read control



```
bos-cluster-1 # ls -lde /ifs/test
drwxrwx--- + 3 root wheel 47 Jul 13 16:36 /ifs/test
OWNER: user:root
GROUP: group:wheel
0: group:ISILON\domain users deny dir_gen write
1: user:ISILON\student allow dir_gen_all, object_inherit, container_inherit

2: user:ISILON\administrator allow dir_gen_all, object_inherit, container_inherit

3: user:root allow dir_gen_read, dir_gen_read, dir_gen_write, dir_gen_execute, std_write_dac, delete_child

4: group:wheel allow dir_gen_read, dir_gen_execute

bos-cluster-1#
```

- A. student only
- B. root only
- C. domain users
- D. everyone

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

A company is migrating files from a third-party storage platform that is authenticated through AD. The migration tool being used is Dell EMC “EMCOPY.exe” running on a separate Microsoft Windows host. In order to run the EMCOPY process and complete the migration, which type of account is required?

- A. Domain user account that is a member of the local Windows Backup Operators group on the source and target
- B. Domain user account created explicitly to use isi_vol_copy or isi_vol_copy_vnx on the source and target
- C. Local user account that has permission to use the EMCOPY.exe utility on the separate Windows host
- D. Local user account that has members of the local Windows Backup Operators group and local Administrators group on the source and target

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

You have just configured a Dell EMC Isilon cluster. One of the remaining tasks is to enable alert notification. The cluster is on a network segment behind a firewall for security. You have determined which node is the CELOG master and have enabled connectivity between it and the ESRS gateway.

Testing shows that alerts were working for several days but have suddenly stopped. Which action is required to resolve this issue?

- A. Enable TCP port 25 between all nodes and the SMTP server
- B. Enable TCP port 443 between all nodes and the ESRS gateway
- C. Edit and enable the Alert Channel for ConnectEMC
- D. Ensure only the first cluster node is in the “allowed” list in Alert Channel settings

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

A Microsoft Windows administrator has an environment that includes a 4-node Dell EMC Isilon H500 cluster with one subnet and two pools. The administrator will use SMBv3 in all their clients. One pool is for production using 10gige- 1 and 10gige-2 ports from each node. The other pool is for management using mgmt-1 from each node.

One of the concerns is the network throughput and how the administrator can get more than 10GbE throughput on the production pool on each node. Which recommendation should be provided?

- A. Use LACP active/active on the 10gige ports from each node to get more than 10GbE throughput
- B. Enable SMBv3 multichannel functionality to get more than 10GbE throughput
- C. Use LACP active/passive on the 10gige ports from each node to get more than 10GbE throughput
- D. Enable both SMBv3 multichannel functionality and LACP to get more than 10GbE throughput

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

A company has an environment with multiple AD forests in a one-way trust relationship. The AD provider on the cluster is configured with SFU. The trusted domains are failing to supply UIDs and GIDs to the Dell EMC Isilon cluster. As a result, users from the trusted domain are receiving an “access denied” error message.

What is a possible reason for the denial?

- A. Non-transitive forest trust is required for cross domain lookups.
- B. Transitive external two-way trust is required for cross domain lookups.
- C. Non-transitive external two-way trust is required for cross domain lookups.
- D. Transitive forest trust is required for cross domain lookups.



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

An administrator wants to increase network throughput for individual UNIX clients when accessing files on a Dell EMC Isilon Gen 6 cluster. The administrator has configured node interfaces to use LACP and has seen no increase in performance.

Why is there no increase in client-to-cluster network performance?

- A. LACP increases performance for only the SMB protocol
- B. Main purpose for LACP is to provide link redundancy
- C. Network switch is using an incompatible version of LACP
- D. Latency may occur as LACP requires extra CPU cycles

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A company has purchased a new Dell EMC Isilon cluster as a disaster recovery solution and plans to use SyncIQ. SBR is not currently enabled. The systems administrator has asked for advice about how to configure the network connectivity for the replication traffic.

What are Dell EMC recommendations for a replication network configuration?

- A. Create a separate replication subnetDo not configure a gateway for the subnet
- B. Create a separate replication subnetConfigure a gateway for the subnet
- C. Configure a gateway for the replication subnetConfigure a static route for the other side
- D. Create a separate replication subnetDo not configure a static route for the other side

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

A company has two Dell EMC Isilon clusters. The source cluster is running OneFS 8.0.x and the target cluster is running OneFS 7.2.x with replication policies configured from the source to the target cluster. OneFS will not be upgraded on the target cluster.

After some time, the company decided to archive some of the data to ECS using CloudPools. One of the company's concerns is how the archived data will be replicated using the existing SyncIQ policies.

What is recommended approach to address the company's concerns?

- A. Leverage the ECS replication technology to replicate the archived data.
- B. Starting OneFS 8.0, SyncIQ will replicate the data without retrieving it from ECS.
- C. Select the Deep Copy option in the SyncIQ policies to replicate the archived data.
- D. Upgrade the source cluster to OneFS 8.1.x to be able to replicate the archived data using SyncIQ.



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

A media company has a Microsoft Windows-based infrastructure and uses Adobe media editing tools to create advertisements for its customers. Users from the Media Production department store all types of media files on a Dell EMC Isilon cluster.

In addition, users from the Support department are not allowed to store MP3 and AVI files to the NAS system. Both the Media Production and Support departments need to access other common data on the cluster. Due to workflow procedures, the media files are stored on the same path on the Isilon cluster.

The company wants to know which Isilon features are available and can restrict the Support department users from writing certain media file types onto the Isilon cluster. Which recommendation should be provided?

- A. Create an SMB share for the Media Production department and restrict the Support department users from accessing the share. Create another SMB share for the Support department and apply file filtering.
- B. Create an SMB share for the Support department and restrict the Media Production department users from accessing the share. Create another SMB share for the Media Production department and apply file filtering.
- C. Create a separate Access zone for each department. Use SyncIQ to replicate the data and exclude the media files.
- D. Create a single SMB share for both departments. Use the share security settings and Windows NTFS settings to restrict the file types.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A company is adding a 48-node A2000 with 10 TB HDDs for deep archival data to their existing Dell EMC Isilon cluster. The existing cluster consists of a 10-node X210 and an 8-node NL410. What is the minimum recommended protection setting required for the A2000?

- A. N+3d:1n1d
- B. N+4n
- C. N+4d:1n
- D. N+4d:2n

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.dellemc.com/resources/en-us/asset/white-papers/products/storage/h10588-isilon-data-availability-protection-wp.pdf>

QUESTION 24

A Dell EMC Isilon cluster is configured with multiple 10Gb connections. Clients connect to the cluster using high speed links through a routed network. The cluster is configured with SmartConnect zones and servers NFSv3 clients. Network traffic and speeds appear steady. However, the administrator wants to ensure the cluster network performance is optimal. What can help optimize network performance in this environment?

- A. Creating a dynamic SmartConnect zone
- B. Decreasing the network buffers
- C. Setting the network ports to autodetect
- D. Configuring link aggregation

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 25

A company's HPC environment is using Dell EMC Isilon Gen 6 nodes. They have additional throughput requirements and have asked for your recommendations. The environment consists of two subnets:

- Mgmt-subnet: 1x1-GigE interface in the "mgmt-pool" for management traffic on a VLAN-tagged management network in an Isilon default System Access zone.
- Data-subnet: 2x10-GigE aggregated interfaces in the "data-pool" for data traffic on a VLAN-tagged data network in an Isilon user-defined data Access Zone

Which recommendation should be provided?

- A. Use different groupnets for management and data traffic
- B. Move the data pool into the System Access zone
- C. Remove VLAN tagging from the network
- D. Use only one subnet and pool for both the management and data traffic.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26 You are assisting a company in planning for a Dell EMC Isilon disaster recovery site. One of the company's concerns is the time that is needed for the initial synchronization between the primary and disaster recovery sites.

What will help address this concern?

- A. After creating the policies, use the "assess sync" functionality
- B. Use a third-party tool to estimate the time based on the data and the bandwidth available
- C. Time cannot be estimated due to many factors such as the cluster workload
- D. After creating the policies, start the job and observe how much time it takes

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

A company has a Dell EMC Isilon Gen 5 cluster with SSDs in each node. The administrator notices that L3 Cache is enabled on the cluster. However, the administrator does not notice any performance increase for the read I/Os. After further investigations, the administrator discovers that all read I/Os are more than 128K chunks.

Which recommendation should be provided to improve the read performance?

- A. Change the SSD strategy to “data on SSD”
- B. Disable L3 Cache and change the SSD strategy to “metadata-read acceleration”
- C. Enable Global Name Space acceleration in addition to L3 Cache.
- D. Add one more SSD of equal capacity to each node.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

A company has a cluster with two subnets. The first subnet has 1 GbE interfaces dedicated for management and the second subnet has 10GbE interfaces dedicated for handling all data access. When the cluster started serving the production environment, poor performance was observed while the data is accessed through the data subnet. While troubleshooting the network, the administrator discovered that the return traffic is going through the management network.

Which recommended solution will resolve this issue?

- A. Change the gateway priorities
- B. Enable destination-based routing with static routes
- C. Enable source-based routing
- D. Configure static routes for both subnets

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29 A company has a Dell EMC Isilon cluster that will be used for a large amount of client requests. SmartConnect has been configured to help load balance the clients across the cluster. How does SmartConnect help the load balancing?

- A. Forwarding DNS requests.
- B. Caching lookup requests.
- C. Directing the connections to different nodes.
- D. Dynamically updating changes to DNS.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

A Dell EMC Isilon administrator has a 6-node X400 cluster. As the hardware is approaching end of service life, the administrator has planned for a technical refresh by replacing the 6-node X400 cluster with a 4-node H500 cluster. The new 4-node H500 is added to the existing cluster and a SmartPools trial license is activated for data migration. The default location for the data and snapshots is changed in the default file pool policy from an X400 node pool to a H500 node pool. The SmartPool job is then run manually. After the SmartPool job is finished, the X400 node pool still consumes approximately 10% of the storage.

What is a possible reason for this issue?

- A. SmartPools trial license is not sufficient, a full license is required.
- B. SmartPool job finished with errors; Dell EMC Support needs to be contacted.
- C. SyncIQ migration method should have been used.
- D. Manually-managed files and directories still exist.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

A company has an 8-node Dell EMC Isilon cluster configured with SmartConnect. The device IDs of the nodes are 1 through 8. However, the node with the SSIP failed.

Which cluster node will have the SSIP assigned after the failure?

- A. Node with the highest device ID
- B. Highest logical node number
- C. Node with the lowest device ID
- D. Lowest logical node number

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

A company wants to purchase four new Dell EMC Isilon H500 nodes to add their current Gen 5 cluster. Which internal requirements are needed?

- A. Add two new Ethernet switches in addition to the existing IB switches
- B. Replace the IB switches with Ethernet switches
- C. Use the existing IB switches
- D. Gen 6 nodes cannot be mixed with Gen 5 nodes

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

Which protocol is used to send `isi diagnostic gather` logs from a Dell EMC Isilon cluster to Dell EMC Support when the ESRS gateway is unavailable?

- A. SCP
- B. HTTPS
- C. FTP
- D. FTPS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

A company has an 8-node X410 installed as a single Dell EMC Isilon cluster. The company expressed concerns about cluster performance, particularly about NFS being slow. The output shown in the exhibit was presented to the Dell EMC technician.

Based on this output, what is a reason for the cluster performance issue?

```
# isi statistics protocol --nodes-all --limit 10 --long --protocols-nfs3
Timestamp NumOps Ops InMax InMin In InAvg || TimeMax TimeMin TimeAvg TimeStdDev Node Proto Class Op
1526376786 937.0 161.8 27.3k 84.0 728.0k 4.5K || 125484.0 449.0 13289.4 29986.6 1 nfs3 write write
1526376786 126.0 24.3 120.0 108.0 2.6k 108.2 || 1540.0 68.0 132.8 146.2 3 nfs3 namespace_read getattr
1526376786 50.0 8.6 124.0 104.0 974.1 112.8 || 174.0 72.0 111.7 28.5 1 nfs3 namespace_read getattr
1526376786 44.0 8.5 124.0 112.0 951.1 112.3 || 485.0 140.0 187.8 58.2 3 nfs3 namespace_read access
1526376786 37.0 7.1 120.0 104.0 781.1 109.6 || 447.0 86.0 141.8 76.5 8 nfs3 namespace_read getattr
1526376786 28.0 5.6 124.0 108.0 657.1 117.6 || 1733.0 70.0 214.7 381.5 2 nfs3 namespace_read getattr
1526376786 20.0 4.0 120.0 108.0 467.4 115.6 || 401.0 55.0 124.8 76.7 6 nfs3 namespace_read getattr
1526376786 13.0 2.6 112.0 104.0 279.9 106.5 || 485.0 78.0 167.8 135.8 5 nfs3 namespace_read getattr
1526376786 12.0 2.1 128.0 108.0 259.8 125.3 || 291.0 147.0 200.3 39.2 1 nfs3 namespace_read access
1526376786 11.0 2.2 124.0 112.0 255.5 116.4 || 536.0 142.0 221.8 113.3 2 nfs3 namespace_read access
-----
Total:10
```

- A. Too many namespace_read operations against the cluster
- B. Average NFSv3 write latency is too high
- C. Number of I/O for a single node is too high
- D. SmartConnect is not properly balancing the connections



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

A company has 7 PB of PACS archive data on their Dell EMC Isilon cluster. The PACS application correctly creates and stores large containers of small files. Based on local healthcare regulation changes, the company can no longer use large containers of small files. As a result, the company wants to know if Isilon can support the new regulatory PACS requirement while maximizing the storage capacity for small files. Which licensed feature should be activated?

- A. SmartQuota
- B. SmartPools
- C. SFSE
- D. PACS

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.emc.com/collateral/whitepaper/h15459-onefs-pacs-storage-efficiency.pdf>

QUESTION 36

An IT team is implementing a disaster recovery solution. A Dell EMC Isilon cluster will replicate production data from the existing primary cluster to a planned secondary cluster. The primary cluster is licensed for SmartLock Enterprise whereas the secondary cluster is not.

A SmartLock enterprise type directory on the primary cluster is planned for replication. SyncIQ is used to replicate the data. What is a key consideration when replacing the WORM domain?

- A. Secondary cluster must be licensed for SmartLock Enterprise.
- B. Retention dates and commit status are lost on the target directory.
- C. Files on the primary cluster cannot be committed to a WORM state.
- D. A failback will cause a second copy of the data on the primary cluster.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

Which Dell EMC tool allows the auditing of user access and anti-virus scanning on an Isilon cluster?

- A. InsightIQ
- B. Access zones
- C. EMCopy
- D. CEE

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.emc.com/collateral/whitepaper/dell-emc-isilon-design-considerations-smb.pdf> (20)

QUESTION 38

A Dell EMC Isilon cluster replicates critical production data and long-term archive data from the data center to a target cluster. The source cluster runs OneFS 8.1.1 and the target cluster runs OneFS 7.2. OneFS will not be upgraded on the target cluster.

When the archived data on the source cluster is replicated to the target cluster, the capacity consumption on the source cluster far exceeds what is expected. What is the reason for the increase in capacity consumption on the cluster?

- A. SyncIQ can only replicate data that does not have stub files.
- B. Deep copy of the cloud data is performed before SyncIQ replication occurs.
- C. SyncIQ performs a local copy of the data before it is replicated.
- D. Remote cluster rehydrates the data stored in the public cloud.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

A company is implementing Superna Eyeglass to automate and orchestrate SyncIQ failover and failback. What is one of the requirements when implementing Superna Eyeglass for a Dell EMC Isilon cluster?

- A. Dedicated IP pool must exist
- B. Administrator account must be used
- C. Dedicated subnet must exist
- D. System Access zone must be used

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40 A company is planning to add eight additional nodes to their existing 4-node Dell EMC Isilon cluster. If the administrator plans to add all eight nodes at the same time without causing any outage, what is the result of this action?

- A. OneFS will not proceed with the addition
- B. All nodes will be added without errors
- C. All nodes will be added with errors
- D. Quorum will be lost

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

A Dell EMC Isilon administrator wants to know which workloads benefit from using L3 Cache. Which type of workloads will address the administrator's inquiry?

- A. Streaming only
- B. Random
- C. Sequential and streaming
- D. Sequential only

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://community.emc.com/docs/DOC-44958>



QUESTION 42 The DobiMigrate tool will be used to migrate data from a third-party platform to a Dell EMC Isilon cluster. Less than 50 GB of NFS, SMB, and multi-protocol data will be migrated. What are the minimum requirements for the migration?

- A. Core server and no proxy servers
- B. Core server and one proxy server
- C. Core server and two proxy servers
- D. Core server and three proxy servers

Correct Answer: C

Section: (none)

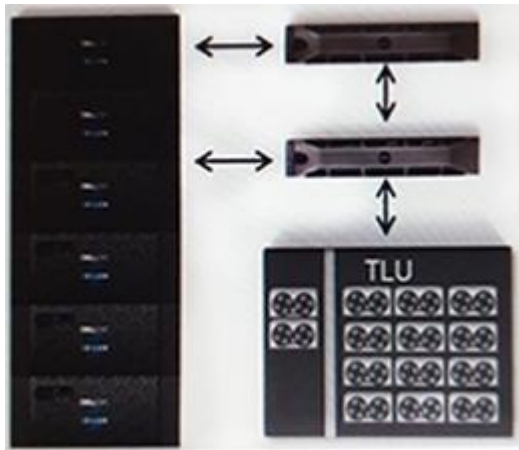
Explanation

Explanation/Reference:

QUESTION 43

SPECIAL INSTRUCTIONS

The remaining Part1 questions are associated with four case studies that describe various environments or settings. Each case study appears on its own display screen. Questions for each case study will appear on separate display screens. When displaying a question, you can easily review the related case study by clicking on the "Review Case Study" icon shown below:



Case Study 5 – Refer to the Exhibit.

Backing up data from a Dell EMC Isilon cluster exceeds the company's backup window. Because the company has a large amount of data with a continuous high growth rate, they want to change their backup strategy. The Gen 6 Isilon cluster consists of 24 nodes.

Their current backup strategy is an NDMP three-way backup performing weekly full backups to tape and incremental backups each night. The strategy uses Dell EMC NetWorker. The DMA uses Include paths to specify what data to backup. All data on the cluster must remain accessible.

The company's IT team is now looking for a method to increase the performance of their backups. After some investigation, you notice that the backup job targets two paths. This could be the cause of the lengthy backup times. What advice should be provided to the team?

- A. Exclude the largest datasets from the backup job
- B. Add A100 Backup Accelerators and configure for two-way NDMP. Create more parallel streams to utilize multi-stream NDMP backups.
- C. Change the backup strategy to token-based backups.
- D. Change the backup strategy to token-based backups.

Correct Answer: C

Section: (none)

Explanation

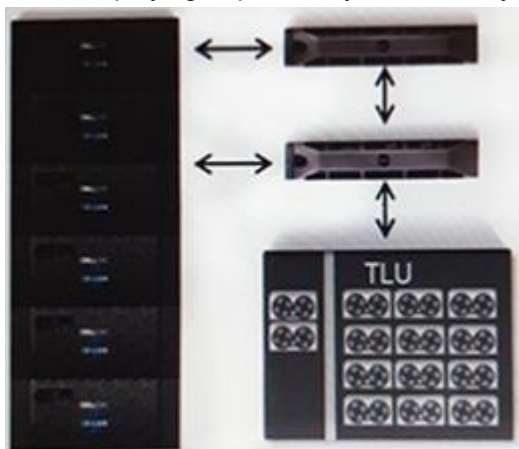


Explanation/Reference:

QUESTION 44

SPECIAL INSTRUCTIONS

The remaining Part1 questions are associated with four case studies that describe various environments or settings. Each case study appears on its own display screen. Questions for each case study will appear on separate display screens. When displaying a question, you can easily review the related case study by clicking on the "Review Case Study" icon shown below:



Case Study 5 – Refer to the Exhibit.

Backing up data from a Dell EMC Isilon cluster exceeds the company's backup window. Because the company has a large amount of data with a continuous high growth rate, they want to change their backup strategy. The Gen 6 Isilon cluster consists of 24 nodes. Their current backup strategy is an NDMP three-way backup performing weekly full backups to tape and incremental backups each night. The strategy uses Dell EMC NetWorker. The DMA uses Include paths to specify what data to backup. All data on the cluster must remain accessible.

The company's IT team is now looking for a new data protection strategy. The company wants to:

- Minimize the backup window
- Increase the speed of data recovery
- Reduce the network traffic
- Reduce the overall growth of the backup datasets

The IT Team indicates that their currently backup hardware will be used in any solution. Which solution meets their requirements?

- A. Implement an incremental forever backup strategy
- B. Configure the DMA to use IPv6 for better performance
- C. Change the backup strategy to token-based backups
- D. Increase the backup tape block size to 512 KB

Correct Answer: A

Section: (none)

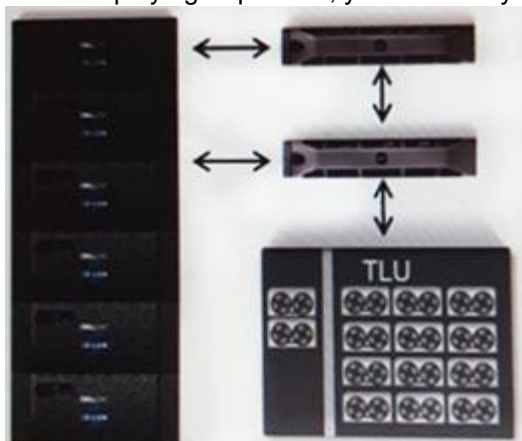
Explanation

Explanation/Reference:

QUESTION 45

SPECIAL INSTRUCTIONS

The remaining Part1 questions are associated with four case studies that describe various environments or settings. Each case study appears on its own display screen. Questions for each case study will appear on separate display screens. When displaying a question, you can easily review the related case study by clicking on the "Review Case Study" icon shown below:



Case Study 5 – Refer to the Exhibit.

Backing up data from a Dell EMC Isilon cluster exceeds the company's backup window. Because the company has a large amount of data with a continuous high growth rate, they want to change their backup strategy. The Gen 6 Isilon cluster consists of 24 nodes. Their current backup strategy is an NDMP three-way backup performing weekly full backups to tape and incremental backups each night. The strategy uses Dell EMC NetWorker. The DMA uses Include paths to specify what data to backup. All data on the cluster must remain accessible.

The company's IT team is now looking for a method to increase the performance of their backups. After some investigations, you notice that the backup job quiesces the file system. This is creating lock contention issues on open files and not allowing users full access to data when the backup job runs.

What advice should be provided to the team to eliminate lock contention and allow full access to users?

- A. Create a cron job to remove all locks before each backup.
- B. Add A100 Backup Accelerators and configure for three-way NDMP
- C. Stop using an NDMP-based backup strategy.
- D. Enhance the backup strategy using snapshots for backups.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46**Case Study 4**

A company is experiencing a noticeable decrease in performance when accessing data on their Dell EMC Isilon cluster. The cluster hosts Microsoft Windows home directories and general purpose file shares. In addition, a file pool policy moves data that has not been modified in six months to an archive tier. The administrator wants your assistance in understanding the reason for the slow data access. The number of users accessing the cluster has not changed. The administrator has shared the following baseline metrics. The outputs were captured from a performance- acceptable time frame.

Trace route shows:

-3 hops between clients and the cluster

-Average latency is 3 ms **lperf shows:**

-940 Mb/s average bandwidth

-005 ms average jitter

Netstat on the local network shows: -

05% average re-transmission rate

Hostcache list:

-20 ms average roundtrip time across all clients

The administrator shows you the following output from the `netstat` command:

- 32366653 data packets (35556615947 bytes)
- 8010 data packets (9525723 bytes) re-transmitted

Based on the output, what information should be provided to the administrator?

- A. Re-transmission rates have no impact on performance
- B. Re-transmission rate exceeds recommendations
- C. Re-transmission rate is in the acceptable range
- D. Change in the re-transmission rate indicates an issue

Correct Answer: C

Section: (none)

Explanation



Explanation/Reference:

QUESTION 47**Case Study 4**

A company is experiencing a noticeable decrease in performance when accessing data on their Dell EMC Isilon cluster. The cluster hosts Microsoft Windows home directories and general purpose file shares. In addition, a file pool policy moves data that has not been modified in six months to an archive tier. The administrator wants your assistance in understanding the reason for the slow data access. The number of users accessing the cluster has not changed. The administrator has shared the following baseline metrics. The outputs were captured from a performance- acceptable time frame.

Trace route shows:

-3 hops between clients and the cluster

-Average latency is 3 ms **lperf shows:**

-940 Mb/s average bandwidth

-005 ms average jitter

Netstat on the local network shows: -

05% average re-transmission rate

Hostcache list:

-20 ms average roundtrip time across all clients

The administrator shows the following traceroute output:

- 6 hops between clients and the cluster
- Average latency is 84 ms

Based on the output, what information should be provided the administrator?

- A. Number of hops and average latency is acceptable for the workflow

- B. Number of hops may indicate a weakness in the network model
- C. Average latency indicates excessive deadlock events
- D. Numbers indicate a significant increase in client connections

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

Case Study 4

A company is experiencing a noticeable decrease in performance when accessing data on their Dell EMC Isilon cluster. The cluster hosts Microsoft Windows home directories and general purpose file shares. In addition, a file pool policy moves data that has not been modified in six months to an archive tier. The administrator wants your assistance in understanding the reason for the slow data access. The number of users accessing the cluster has not changed. The administrator has shared the following baseline metrics. The outputs were captured from a performance- acceptable time frame.

Trace route shows:

-3 hops between clients and the cluster

-Average latency is 3 ms **Iperf shows:**

-940 Mb/s average bandwidth

-005 ms average jitter

Netstat on the local network shows: -

05% average re-transmission rate

Hostcache list:

-20 ms average roundtrip time across all clients

The administrator shows you the following `iperf` output:

-890 Mb/s average bandwidth -

98.8 ms average jitter



Based on the output, what information should be provided to the administrator?

- A. Amount of jitter is in an acceptable range
- B. Numbers remain within the recommended range
- C. Lower than average bandwidth needs to be investigated
- D. Amount of jitter is an indication of network congestion

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

Case Study 4

A company is experiencing a noticeable decrease in performance when accessing data on their Dell EMC Isilon cluster. The cluster hosts Microsoft Windows home directories and general purpose file shares. In addition, a file pool policy moves data that has not been modified in six months to an archive tier. The administrator wants your assistance in understanding the reason for the slow data access. The number of users accessing the cluster has not changed. The administrator has shared the following baseline metrics. The outputs were captured from a performance- acceptable time frame.

Trace route shows:

-3 hops between clients and the cluster

-Average latency is 3 ms **Iperf shows:**

-940 Mb/s average bandwidth

-005 ms average jitter

Netstat on the local network shows: -

05% average re-transmission rate

Hostcache list:

-20 ms average roundtrip time across all clients

The administrator shows you the details of the `hostcache.list` output. The output indicates that the top clients on the list have an average of 242 ms round trip time. Based on the output, what information should be provided to the administrator?

- A. An increase in the average round trip time indicates a network problem.
- B. Only the aggregate of all average round trip times will indicate an issue.
- C. An average round trip time less than 300 ms is in the acceptable range.
- D. Recalculate and re-populate round trip times by using `isi_cbind clear` command.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

Case Study 3

A financial services company has file sharing workflows and 2000 home directories which include 70% Microsoft Windows and 30% Linux. The Security team is also interested in credit card usage data analytics such as point of sale, geolocation, and authorization and transaction data. Home directories and file shares do not require D@RE or SEC compliance.

However, due to the sensitivity of the credit card data, the company requires D@RE for credit card information and must adhere to the U.S. SEC 17a-4(f) compliance standards. Additionally, they are interested in auditing user access and anti-virus features.

The compute and storage environment consists of the following:

- 200 TB of Fibre Channel drives on NetApp ONTAP 7
- Environment is expected to grow 200 TB over the next three years



Which combined solution addresses the company's requirement for D@RE and U.S.SEC 17a-4(f)?

- A. All Flash and SmartLock Compliance mode
- B. SmartLock Enterprise mode and STIG
- C. SED and SmartLock Enterprise mode
- D. SED and SmartLock Compliance mode

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

Case Study 3

A financial services company has file sharing workflows and 2000 home directories which include 70% Microsoft Windows and 30% Linux. The Security team is also interested in credit card usage data analytics such as point of sale, geolocation, and authorization and transaction data. Home directories and file shares do not require D@RE or SEC compliance.

However, due to the sensitivity of the credit card data, the company requires D@RE for credit card information and must adhere to the U.S. SEC 17a-4(f) compliance standards. Additionally, they are interested in auditing user access and anti-virus features.

The compute and storage environment consists of the following:

- 200 TB of Fibre Channel drives on NetApp ONTAP 7
- Environment is expected to grow 200 TB over the next three years

In order to remove the encryption key on the SED drives, which steps are required?

- A. SmartFail the cluster and then remove the drive
- B. Suspend the cluster and then SmartFail the drive
- C. SmartFail and then remove the drive
- D. Suspend the node and then remove the drive

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

Case Study 3

A financial services company has file sharing workflows and 2000 home directories which include 70% Microsoft Windows and 30% Linux. The Security team is also interested in credit card usage data analytics such as point of sale, geolocation, and authorization and transaction data. Home directories and file shares do not require D@RE or SEC compliance.

However, due to the sensitivity of the credit card data, the company requires D@RE for credit card information and must adhere to the U.S. SEC 17a-4(f) compliance standards. Additionally, they are interested in auditing user access and anti-virus features.

The compute and storage environment consists of the following:

- 200 TB of Fibre Channel drives on NetApp ONTAP 7
- Environment is expected to grow 200 TB over the next three years

Which type of encryption is used in a D@RE-enabled Dell EMC Isilon cluster?

- A. 128-bit AES encryption key
- B. 256-bit AES encryption key
- C. 1024-bit SHA encryption key
- D. 2048-bit SHA encryption key



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

Case Study 1

A company has several independent business units that operate globally. The company has consolidated its IT infrastructure services and operations. Common infrastructural services which include IPAM, DNS, NTP, DHCP, and SMTP have been consolidated. The company has complimented its infrastructure development by investing in Dell EMC Isilon clusters to host its user's home and group directories and for compliance archival purposes required by individual business units.

The IT operations are located in India and the United States with its primary data center facilities co-located between New York and Texas. The company has a total of 60 AD forests:

- 1 main domain
- 55 domains have one-way trust relationships with the main domain
- An additional 4 domains do not have any trust relationship with no future plans of establishing trust relationships with the other domains.

Users of different AD domains use different FQDN to access their corresponding file services. Additionally, the company does not plan to consolidate the AD domains and each domain uses a different IP subnet. The users of the domains with no trust relationships have a compliance archival requirement. The company wants to all data to be replicated between New York and Texas.

What is the minimum number of replication policies that are required to facilitate granular failover and failback capabilities for each AD domain?

- A. Only one replication policy per Access zone
- B. One replication policy per Access zone with an additional replication policy for each SmartLock directory
- C. One replication policy for all data on the cluster
- D. Two replication policies for each Access zone; one for regular data and one for the SmartLock directory.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

Case Study 1

A company has several independent business units that operate globally. The company has consolidated its IT infrastructure services and operations. Common infrastructural services which include IPAM, DNS, NTP, DHCP, and SMTP have been consolidated. The company has complimented its infrastructure development by investing in Dell EMC Isilon clusters to host its user's home and group directories and for compliance archival purposes required by individual business units.

The IT operations are located in India and the United States with its primary data center facilities co-located between New York and Texas. The company has a total of 60 AD forests:

- 1 main domain
- 55 domains have one-way trust relationships with the main domain
- An additional 4 domains do not have any trust relationship with no future plans of establishing trust relationships with the other domains.

Users of different AD domains use different FQDN to access their corresponding file services. Additionally, the company does not plan to consolidate the AD domains and each domain uses a different IP subnet. The users of the domains with no trust relationships have a compliance archival requirement. The company wants to all data to be replicated between New York and Texas.

What is the minimum number of groupnets required?

- A. 1
- B. 2
- C. 5
- D. 9

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 55

Case Study 1

A company has several independent business units that operate globally. The company has consolidated its IT infrastructure services and operations. Common infrastructural services which include IPAM, DNS, NTP, DHCP, and SMTP have been consolidated. The company has complimented its infrastructure development by investing in Dell EMC Isilon clusters to host its user's home and group directories and for compliance archival purposes required by individual business units.

The IT operations are located in India and the United States with its primary data center facilities co-located between New York and Texas. The company has a total of 60 AD forests:

- 1 main domain
- 55 domains have one-way trust relationships with the main domain
- An additional 4 domains do not have any trust relationship with no future plans of establishing trust relationships with the other domains.

Users of different AD domains use different FQDN to access their corresponding file services. Additionally, the company does not plan to consolidate the AD domains and each domain uses a different IP subnet. The users of the domains with no trust relationships have a compliance archival requirement. The company wants to all data to be replicated between New York and Texas.

How many tenant Access zones will be required?

- A. 1
- B. 55
- C. 59
- D. 60

Correct Answer: C

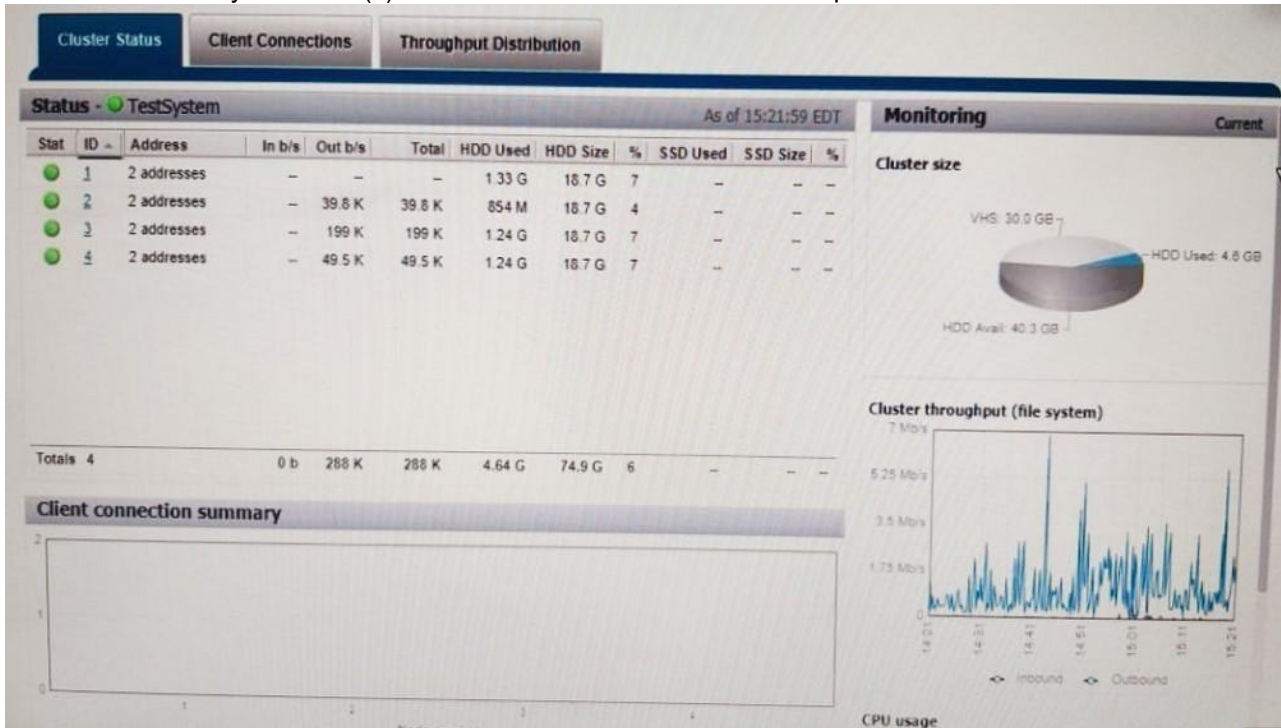
Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

The :”nfs2” file system has been experiencing delays that have been impacting the entire Dell EMC Isilon cluster. Neither Snapshots nor SyncIQ is configured for these directories. Use the “Launch Simulator” button to verify the SSD strategy.
Note: It is necessary to ‘close’ (x) the simulator window to answer the question.





OneFS

STORAGE ADMINISTRATION

Return to Dashboard > Cluster Overview

Reset Simulator

Simulator Instructions

Interactions = Disabled

Navigation: Scrolling = Enabled

Tabs = Disabled

Dashboard

Cluster Management

File System

Data Protection

Access

Protocols

Cluster Overview

Access Overview

EMC Support

Throughput Distribution

Totals 4

0 b 288 K 288 K 4.64 G 74.9 G 6 -- --

Client connection summary

2

1

0

Node number

New event groups

Manage event groups

Sev	ID	Time Noticed	Message	Last Event
	22214	2018-07-15 15:12:42	Node pool v200_25gb_2gb is underprotected	2018-07-15 15:12:42

74.9 G 6 -- --

7 Mbit/s

5.25 Mbit/s

3.5 Mbit/s

1.75 Mbit/s

0

14:21 14:31 14:41 14:51 15:01 15:11 15:21

Inbound Outbound

CPU usage

100%

80%

60%

40%

20%

0%

Return to Dashboard > Cluster Overview

Reset Simulator

Simulator Instructions

Interactions = Disabled

Navigation: Scrolling = Enabled

Tabs = Disabled

Dashboard

Cluster Management

File System

Data Protection

Access

Protocols

Cluster Overview

General Settings

Automatic Replacement Recognition

Events and Alerts

Network Configuration

Hardware Configuration

Job Operations

Auditing

Diagnostics

Licensing

Upgrade

Patches and Firmware

Cluster Status

Totals 4

74.9 G 6 -- --

Client connection

2

1

0

Node number

New event groups

Manage event groups

Sev	ID	Time Noticed	Message	Last Event
	22214	2018-07-15 15:12:42	Node pool v200_25gb_2gb is underprotected	2018-07-15 15:12:42

74.9 G 6 -- --

7 Mbit/s

5.25 Mbit/s

3.5 Mbit/s

1.75 Mbit/s

0

14:21 14:31 14:41 14:51 15:01 15:11 15:21

Inbound Outbound

CPU usage

100%

80%

60%

40%

20%

0%

OneFS STORAGE ADMINISTRATION

Return to Dashboard > Cluster Overview Reset Simulator Simulator Instructions

Interactions = Disabled
Navigation: Scrolling = Enabled
Tabs = Disabled

Dashboard • Cluster Management • **File System** • Data Protection • Access • Protocols •

Cluster Overview

Cluster Status Client Connections Throughput

Totals 4 0 b 288 K 288 K

Client connection summary

Node number

New event groups

Sev	ID	Time Noticed	Message	Last Event

Storage Pools
SmartQuotas
Deduplication
File System Explorer
SmartLock
File System Settings

7 Mb/s
5.25 Mb/s
3.5 Mb/s
1.75 Mb/s
0

14:21 14:31 14:41 14:51 15:01 15:11 15:21

Inbound Outbound

CPU usage

100%
50%
0%

OneFS STORAGE ADMINISTRATION

Return to Dashboard > Cluster Overview Reset Simulator Simulator Instructions

Interactions = Disabled
Navigation: Scrolling = Enabled
Tabs = Disabled

Dashboard • Cluster Management • File System • **Data Protection** • Access • Protocols •

Cluster Overview

Cluster Status Client Connections Throughput Distribution

Totals 4 0 b 288 K 4.64 G 74.9 G 6 - - -

Client connection summary

Node number

New event groups

Sev	ID	Time Noticed	Message	Last Event
Warning	22214	2018-07-15 15:12:42	Node pool v200: 250b: 20b is underprotected	2018-07-15 15:12:42

SnapshotIQ
SyncIQ
NDMP
Antivirus

5.25 Mb/s
3.5 Mb/s
1.75 Mb/s
0

14:21 14:31 14:41 14:51 15:01 15:11 15:21

Inbound Outbound

CPU usage

100%
50%
0%

OneFS STORAGE ADMINISTRATION

Return to Dashboard > Cluster Overview Reset Simulator Simulator Instructions

Interactions = Disabled
Navigation: Scrolling = Enabled
Tabs = Disabled


Dashboard • Cluster Management • File System • Data Protection • Access • Protocols •

Cluster Overview

Cluster Status Client Connections Throughput Distribution

Totals 4 0 b 288 K 288 K 4.64 G 74.9 G 6 -- -- --

Client connection summary



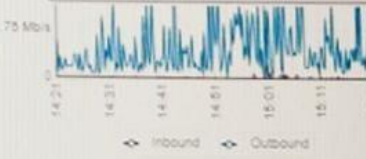
Node number

New event groups

Sev	ID	Time Noticed	Message	Last Event
Warning	22214	2018-07-15 15:12:42	Node pool v200: 250b: 20b is underprotected	2018-07-15 15:12:42

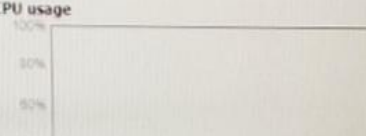
[Manage event groups](#)

7 Mbit/s
5.25 Mbit/s
3.5 Mbit/s
1.75 Mbit/s



Inbound Outbound

CPU usage



OneFS STORAGE ADMINISTRATION

Return to Dashboard > Cluster Overview Reset Simulator Simulator Instructions

Interactions = Disabled
Navigation: Scrolling = Enabled
Tabs = Disabled


Dashboard • Cluster Management • File System • Data Protection • Access • Protocols •

Cluster Overview

Cluster Status Client Connections Throughput Distribution

Totals 4 0 b 288 K 288 K 4.64 G 74.9 G 6 -- -- --

Client connection summary



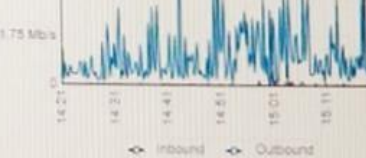
Node number

New event groups

Sev	ID	Time Noticed	Message	Last Event
Warning	22214	2018-07-15 15:12:42	Node pool v200: 250b: 20b is underprotected	2018-07-15 15:12:42


[Manage event groups](#)

7 Mbit/s
5.25 Mbit/s
3.5 Mbit/s
1.75 Mbit/s

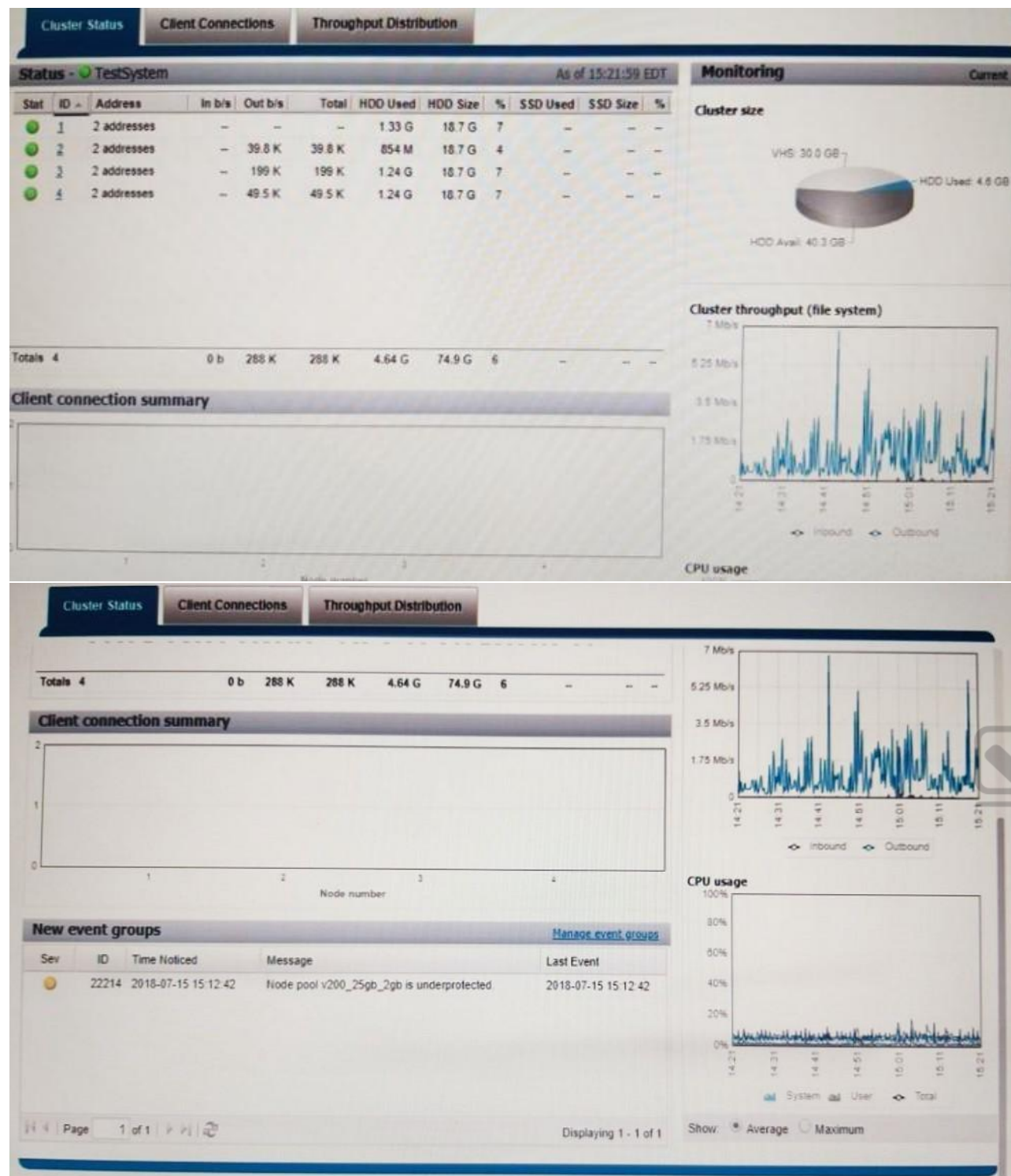


Inbound Outbound

CPU usage



Windows Sharing (SMB)
UNIX Sharing (NFS)
Hadoop (HDFS)
FTP Settings
HTTP Settings



Based on your findings, which operation should be performed to address the delays?

- A. None; the "Use SSDs for metadata read/write acceleration" strategy is set correctly
- B. None; the "Use SSDs for metadata read acceleration" strategy is set correctly
- C. Set the strategy to "Use SSDs for metadata read acceleration"
- D. Set the strategy to "Use SSDs for metadata read/write acceleration"

Correct Answer: D

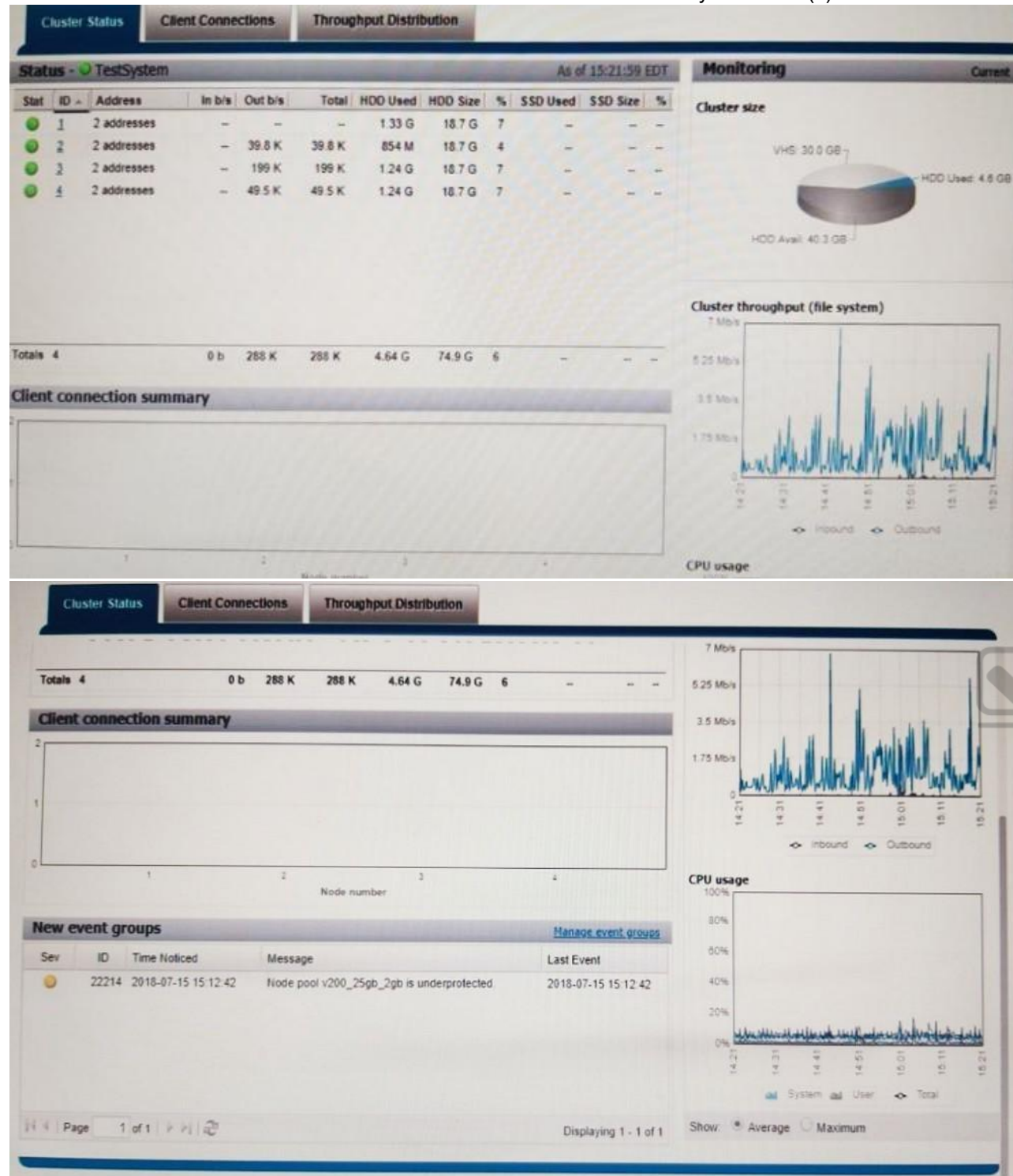
Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

A Dell EMC Isilon administrator has reported that in Access zone “ProdZone” on the OneFS file system “nfs1”, Microsoft Windows “DEES\user1” has root level permission on nfs1. Use the “Launch Situation” button to examine the environment and validate the reason for this condition. Note: It is necessary to “close” (x) the simulation windows to answer the question. Based on your findings, what is the reason for the condition?



- A. RFC-2307 has been enabled
- B. NFS Export settings has been set
- C. Active Directory has not been added to the Access Zone
- D. User mapping rule has been created

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

You have been asked to design a Dell EMC Isilon cluster running OneFS 8.x for a service provider. One of the most critical areas to the provider is data segregation with multi-tenants. Use the “Launch Simulator” button to identify the current condition of the cluster: Note: It is necessary to “close” (x) the simulator window to answer the question.

Based on your findings, what is the cluster’s current condition?



- A. All non-System Access zones are connected to the same groupnet, each with its own DNS server
- B. Each non-System Access zone is connected to an individual groupnet, each with its own DNS server
- C. All non-System Access zones are connected to the same groupnet with the same DNS server
- D. Each non-System Access zone is connected to an individual groupnet with the same DNS server.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference: