

E20-555 Dumps

Isilon Solutions and Design Specialist Exam for Technology Architects

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NEW QUESTION 1

An Isilon cluster component has the following characteristics:

- Spans 3 - 40 nodes
- Logical grouping of drives
- Automatically assigned
- Intelligently distributes disks to manage performance

Which cluster component is described?

- A. Disk pool
- B. Node pool
- C. Smart pool
- D. SSD pool

Answer: A

NEW QUESTION 2

When a Gen 6 Isilon cluster receives a file to be stored, which node(s) performs the FEC calculation?

- A. First node in each node pair
- B. Node that will be holding the FEC
- C. Node to which data was initially sent
- D. Each node in the cluster

Answer: A

NEW QUESTION 3

What is the smallest unit of data that Isilon OneFS will write to disk?

- A. 4 KB
- B. 8 KB
- C. 16 KB
- D. 128 KB

Answer: B

NEW QUESTION 4

An Isilon customer has two 5-node clusters; one for production and one for disaster recovery (DR). The customer's workflows are replicated to the DR cluster through SyncIQ on individual schedules. They have shut down their production cluster for scheduled maintenance, failed over to the DR cluster, and are currently operating from the DR site.

Assume both clusters have identical shares, exports, user authentication. In addition, assume the client applications have been stopped and the DNS re-pointed. What is the easiest SyncIQ Policy method to continue operations on production?

- A. Initiate Automated Failback
- B. Revert
- C. Initiate Manual Failback
- D. No change is needed

Answer: A

NEW QUESTION 5

If a customer experiences a node failure while at 90% capacity, what is the fastest way of replacing the node in an Isilon cluster?

- A. Perform Disk Tango
- B. Perform a disk SmartFail
- C. Perform FlexProtect
- D. Perform a node SmartFail

Answer: D

NEW QUESTION 6

You are designing a new Isilon cluster that requires backup to tape for all files in the Legal and Accounting shared folders. The customer has sized their IP network to support the application workload, but no additional bandwidth is available.

What should be recommended for the backup solution?

- A. Use an Avamar NDMP accelerator and dedicated 10Gb/s network interfaces
- B. Use Backup Accelerator nodes for 2-way NDMP
- C. Use Backup Accelerator nodes for 3-way NDMP
- D. Use SmartConnect Advanced and 10Gb/s network interfaces with LACP

Answer: B

NEW QUESTION 7

A customer has a supported cluster with the maximum protection level. How many simultaneous node component failures can Isilon OneFS sustain while still allowing full access to the entire file system and dataset?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: D

NEW QUESTION 8

A customer has a data retention period of three years. They want a solution in which files cannot be deleted, changed, or modified. Which Isilon SmartLock version should they implement?

- A. Compliance version
- B. Standard version No WORM
- C. Enterprise version
- D. Standard version with WORM

Answer: A

NEW QUESTION 9

A telecommunications company has a substantial amount of data. This data is being created by network elements within their environment. The company wants to change the way the network elements Call Detail Records (CDR) are stored and analyzed. The existing infrastructure consolidates all of the CDRs into a table structure, and then ingests them into a large database. Once ingested, a query engine accesses the database and performs analysis on these files. The system is functional; however, since the amount of CDRs generated will increase exponentially over the next year, the company is open to alternatives for storing and analyzing these records.

In evaluating alternatives, the key requirements are to reduce cost, the amount of storage, and the amount of time to analyze the data. The customer would like to use Hadoop to analyze the CDRs.

After you have conducted an assessment of the workflow, you have recommended an Isilon Cluster to work within the Hadoop environment.

Which protocols would be the best fit when using Isilon for this customer's Hadoop workflow?

- A. NDMP and SCP
- B. NFS and HDFS
- C. CIFS and FTP
- D. SyncIQ and HTTP

Answer: B

NEW QUESTION 10

A potential customer has about 540TB of NetApp running in ONTAP 7-Mode. They are willing to let you gather some workload data. They have LDAP and Active Directory authentication and primarily Windows

Clients. They are very interested in Automated Tiering and Large Scale Archives. They are not certain about the workflows from the Marketing Department. The Content Team will only say they need to acquire 300 TB within 90 days. They do not know the average file size or the number of aggregates they are managing. Which tools would you use to gather information to do your Isilon sizing?

- A. MiTrend WPA, Autosupport, and PerfCollect
- B. isi status, isi_netlogger, and PerfMon
- C. Wireshark, isi statistics, and iostat
- D. Isilon Insight IQ, OnCommand Insight, and nfsstat

Answer: A

NEW QUESTION 10

Your customer has observed a degradation in response time while browsing for media files within the Production Media folder of the Isilon cluster. That directory now contains over five million files. It was confirmed that there are no network or edit station related causes.

What changes to the Isilon cluster will best accelerate the browsing performance?

- A. Add Solid State Drives (SSDs) to the nodes
- B. Add A-Series Performance Accelerator nodes
- C. Upgrade node access to 10 Gbps
- D. Upgrade RAM on the nodes

Answer: A

NEW QUESTION 12

Which type of data is stored in Endurant Cache of an Isilon node?

- A. Write
- B. Volume
- C. Read
- D. Protection

Answer: A

NEW QUESTION 13

A customer configures a file pool policy to write data to tier 2 on the Isilon cluster. This is in addition to the 30 policies already created. Later in the week they check the file placement and see that it has not been written to the correct tier. What could be the problem?

- A. Number of allowable policies has been exceeded so the new policy will not run.

- B. File matches a policy for a different tier that is listed higher in the file pool policy list.
- C. SmartPools policy job has not yet run so the file was written using the default policy.
- D. File matches a policy for a different tier that is listed lower in the file pool policy list

Answer: B

NEW QUESTION 17

What is the relative latency of a cache hit to L1 cache compared to a hit to L2 cache in an Isilon cluster?

- A. 2x
- B. 5x
- C. 10x
- D. 25x

Answer: C

NEW QUESTION 20

What accurately represents Isilon SyncIQ Automated Failover?

- A. SmartLock directories will automatically failover
- B. Replication relationships will change upon failover
- C. No changes in Identity Management will be needed
- D. Target directories will not need to be shared with clients

Answer: C

NEW QUESTION 25

Three jobs are running, all with a priority of 5. A new job with a priority of 6 needs to be run. What happens?

- A. The job engine pauses a priority 5 job and runs the new job until completion, then restarts the paused job from the point at which it was interrupted.
- B. The job engine runs the new job in parallel with the other jobs.
- C. The job engine pauses a priority 5 job and runs the new job until completion, then restarts the paused job from the beginning.
- D. The job engine queues the new job until one of the currently running jobs completes.

Answer: D

NEW QUESTION 29

An Isilon customer is reporting less than expected performance from the cluster and poor space utilization. The customer is using three X400 nodes with N+2:1 protection policy to host webserver log data. Upon further analysis, it is discovered that the web servers write log files 64 KiB in size. The log files are then accessed by an analytics application for reporting.

What should be done to increase write performance of the cluster?

- A. Change the protection scheme to a mirroring policy.
- B. Add A-Series performance accelerator nodes to the cluster.
- C. Add S-Series storage nodes to the cluster.
- D. Add SSDs to the X-Series nodes in the cluster.

Answer: A

NEW QUESTION 31

Which Isilon tool can be run from the cluster to display Isilon statistics such as CPU activity?

- A. iperf
- B. iostat
- C. InsightIQ
- D. MiTrend

Answer: C

Explanation:

InsightIQ 4.1 introduces a new report that displays statistics References:

NEW QUESTION 35

Which Isilon OneFS job, that runs manually, is responsible for examining the entire file system for inconsistencies?

- A. IntegrityScan
- B. MediaScan
- C. AutoBalance
- D. FlexProtect

Answer: A

NEW QUESTION 38

You have received a critical task that requires immediate analysis of system performance. Captured data will later be processed by MiTrend, but a current assessment is not available.

Which utility will quickly provide IOPS associated with reads and writes, CPU utilization, and I/O scheduler wait time?

- A. tcpdump
- B. iostat
- C. Wireshark
- D. NFSstat

Answer: B

NEW QUESTION 42

An Isilon customer implemented a retention period at the directory level. They set individual retention periods on individual files within those directories. Which retention periods will be enforced?

- A. Latest retention period
- B. Earliest retention period
- C. File-level retention
- D. Directory-level retention

Answer: A

NEW QUESTION 47

A system administrator has identified a problem on the cluster and has opened a service request on support.emc.com. They initiate isi_gather_info but it is taking a long time to complete.

What can they do to speed up the completion of isi_gather_info for the next run?

- A. Collect the required logs from the syslog server
- B. Restart the CELOG daemon
- C. Increase the speed of the network link
- D. Exclude the specified tool(s) from being gathered

Answer: C

NEW QUESTION 50

Which type of antivirus scan is unsupported by Isilon OneFS?

- A. Individual files
- B. Policy scan
- C. MultiScan
- D. On-access

Answer: C

NEW QUESTION 51

On an 18-node Isilon cluster with the default protection setting, what is the actual layout of a 128 KB file?

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

Answer: B

NEW QUESTION 56

You have gathered information from your customer about their current NAS environment. They indicated they are having performance and time-out issues with their clients accessing the storage. Currently over 5000 clients are simultaneously accessing the NAS; however, this will double in the next year.

Based on this information, what recommendations for a new Isilon cluster would you give to the customer based on this information?

- A. Create a six node X400 cluster toda
- B. As additional clients are added, add additional X400 nodes for them.
- C. Create a seven node X400 cluster toda
- D. You will not need to purchase additional nodes as more clients are added.
- E. Create a three node cluster toda
- F. As more clients are added, add three additional nodes each time for 1000 clients.
- G. Create a five node X400 cluster toda
- H. As more clients are added, add a Performance Accelerator node for every 1000 clients.

Answer: A

NEW QUESTION 57

Your customer manages a print media environment, consisting of three Isilon clusters, which are out of support. The customer would like to have access to new software releases and feature sets. You have been asked to perform a full discovery of the customer's environment.

The customer's current Isilon clusters are as follows:

"Cust" (12 x 12000X) serves as upload media storage for different tenants.

"Working" (8 x 12000X + 6 x X200) serves as a working zone for extraction to RAW and printing media from it.

"Archive" (16 x 72NL + Accelerator nodes) is used to store printed content for six months.

The customer operates in a Windows environment using SMB 2.0, two DNS servers per AD forest, three forest domains which are servicing three different environments. All servers are operating on a 1Gb network, three VLANs segregating the DEV/QA/PROD environments. Currently, there is no monitoring in place

for performance measurement or optimization.

The requirements for this solution include:

- Better ROI and TCO
- Maintain same performance with possible improvements
- Renew HW/SW and get inclusive support
- Limit migrations
- Reduce space, power, cooling consumption
- Get new feature sets
- If migration required, use Parallel copy (multiple nodes, multiple threads, multiple connections)
- Segregate tenant shares from other tenants
- Expand up to 1PB of total storage

What would you recommend be done to consolidate the three clusters into one?

- A. • Expand the largest and most I/O intensive cluster using SmartFail• Consolidate the remaining two clusters using Multithreaded version of RoboCopy• Modify A-Record and propagate to all DNS servers to point to the new cluster
- B. • Leave the clusters as is• Upgrade drive sizes to meet the customer requirements
- C. • Expand the largest and most I/O intensive cluster using SmartFail• Consolidate the remaining two clusters using SyncIQ
- D. • Build a new cluster for consolidation• Use SnapshotIQ to migrate the existing data onto the new consolidated cluster• Spoof DNS to point to the new cluster

Answer: C

NEW QUESTION 58

A customer has two data centers (Site A and Site B) and in each data center there is an Isilon cluster. They are replicating data between the sites using SyncIQ. You have been reviewing their disaster recovery plan and found the following:

- The policies specify that SyncIQ runs a replication job every four hours and that the job finishes within one hour.
- Three additional hours will be needed to get servers and the network redirected to work from Site B.

What is the Recovery Point Objective in this plan?

- A. 3 hours
- B. 4 hours
- C. 5 hours
- D. 6 hours

Answer: B

NEW QUESTION 62

While configuring Isilon SmartConnect, a customer determined that their workload primarily consists of long-lived NFS and SMB connections. Which load-balancing policy will provide the most efficient client distribution?

- A. Random Selection
- B. CPU Utilization
- C. Network Throughput
- D. Connection Count

Answer: C

NEW QUESTION 67

A company has purchased an Isilon cluster. The storage administrator knows they will have a large number of clients with similar workloads connecting to the cluster through NFS, and connections will be maintained for a long time. Which two connection balancing policies should be recommended for initial use? (Choose two.)

- A. Round Robin and Connection Count
- B. CPU Utilization and Network Throughput
- C. Round Robin and CPU Utilization
- D. Connection Count and Network Throughput

Answer: AB

NEW QUESTION 69

Refer to the exhibit.

Typical Uncompressed Storage Requirements per Imaging Study (Sample)

** Please see Healthcare Terminology document for descriptions on these Modalities

Modality	Images			Storage/MB		
	Average	Low Range	High Range	Average	Low Range	High Range
CT	60	40	300	32	21	157
CT (thin-slice)	500	200	1000	262	105	524
Magnetic Resonance	200	80	1000	26	11	131
Mammography	6	4	8	108	72	144
Ultrasound	30	20	60	18	12	37
Echocardiography	1125	750	1500	346	230	461

A large hospital chain has approached you to redesign their storage infrastructure. The head of IT believes their requirement is for 60 TB of RAW capacity. The following are the notes from meetings with the department heads.

Which is the minimum cluster configuration that meets the customer's requirements?

- A. 3 NL-Series Nodes using SynqIQ to 3 NL-Series Nodes
- B. 3 S-Series Nodes using SmartPools and 3 NL-Series Nodes for Archive
- C. 5 S-Series Nodes
- D. 4 X-Series Nodes using SynqIQ to 4 NL-Series Nodes

Answer: A

NEW QUESTION 71

In OneFS, what is the largest number of disks in a subpool?

- A. 234
- B. 256
- C. 468
- D. 864

Answer: B

NEW QUESTION 72

How much space is consumed by a 4 KB file when the file data is written to the Isilon cluster?

- A. 4 KB
- B. 8 KB
- C. 16 KB
- D. 32 KB

Answer: B

NEW QUESTION 76

A company wants to reduce the footprint in their data center. They recently completed a proof of concept with Hadoop using Direct Attached Storage (DAS) for their Big Data initiative. You have determined that incorporating an Isilon cluster into their Hadoop environment would help in reducing this footprint. Which Hadoop components can be consolidated onto the Isilon cluster to reduce the footprint?

- A. DataNode and NameNode
- B. DataNode and ComputeNode
- C. ComputeNode and NameNode
- D. NameNode and TaskTracker

Answer: A

NEW QUESTION 77

A healthcare services provider is implementing an X-Series cluster. Currently they have approximately 200 customers and they are growing at 30% per year. They have 200 TB of storage utilized. Health Insurance Portability and Accountability Act (HIPAA) regulations require they keep all patient data for seven (7) years. They would like to keep all genomic sequencing data stored with N+3 protection, not to exceed 75% utilization. What is the minimum initial configuration you would recommend?

- A. 13 X400 nodes; 1 TB drives
- B. 6 X400 nodes; 4 TB drives
- C. 13 X200 nodes; 3 TB drives
- D. 7 X400 nodes; 1 TB drives

Answer: A

NEW QUESTION 81

An Isilon customer has an environment supporting a wide range of different workloads. They want to assign clients to performance tiers based on the resources needed.

What can the customer use to meet this requirement?

- A. SmartConnect Zones
- B. Load Balancing
- C. Client Connection Zone
- D. SmartPools Advanced

Answer: A

NEW QUESTION 86

-- Exhibit -

A European Sports TV network is considering Isilon for their Media Edit Storage for their editing workloads. They are also considering Isilon for near-line media archiving.

The network receives XDCAM HD footage which is loaded onto their existing Transcoding Storage platform. New footage that needs to be edited will be transferred from their Transcoding Storage platform to the proposed Media Edit Storage platform at the rate of ten simultaneous XDCAM HD files via FTP. Edited files will be transferred back to the Transcoding Storage platform at the rate of ten simultaneous XDCAM HD files via FTP.

The network currently has 15 Final Cut Pro edit stations, 15 Avid edit stations. Proxy software will be used to allow Isilon to act as the storage for the Final Cut Pro and Avid media. Three of those edit stations will be performing content compositing as needed.

The network expects 70 hours of new content per week, and 50 hours of edited content per week. They intend to keep the new and edited content on the proposed Media Edit Storage as a performance tier for 30 days. They would like to retain all new and edited footage proposed Media Edit Storage as a near-line tier for two

years.

In addition to the current workloads, the network expects to implement a new Media Asset Management (MAM) solution and has requested the Isilon cluster be capable of supporting 120 MBps read and 120 MBps write to support the MAM requirements.

-- Exhibit -

Refer to the exhibit.

Codec / Compression	Resolution	Pixel		Aspect Ratio	Frame Rate	Audio Channels	Color Space	Color Sampling	Mbps	MBps	MiBps
		H	V								
ProRes 422 HQ 10 bit	4K	4096	2160	1.9:1	24	8	YCbCr	4:2:2	849	106	101
		3840	2160	16:9	24	8	YCbCr	4:2:2	797	100	95
	2K	2048	1556	2.35:1	24	8	YCbCr	4:2:2	312	39	37
		2048	1080	1.89:1	24	8	YCbCr	4:2:2	219	27	26
	HD	1920	1080	16:9	30	8	YCbCr	4:2:2	256	32	30
					25	8	YCbCr	4:2:2	215	27	26
		1280	720	16:9	60	8	YCbCr	4:2:2	255	32	30
					50	8	YCbCr	4:2:2	214	27	26
	SD	720	576	4:3	25	4	YCbCr	4:2:2	75	9.3	9
		720	486	4:3	30	4	YCbCr	4:2:2	75	9.4	9
ProRes 422 10 bit	4K	4096	2160	1.9:1	24	8	YCbCr	4:2:2	567	71	68
		3840	2160	16:9	24	8	YCbCr	4:2:2	532	67	63
	2K	2048	1556	2.35:1	24	8	YCbCr	4:2:2	210	26	25
		2048	1080	1.89:1	24	8	YCbCr	4:2:2	149	19	18
	HD	1920	1080	16:9	30	8	YCbCr	4:2:2	173	22	21
					25	8	YCbCr	4:2:2	146	18	17
		1280	720	16:9	60	8	YCbCr	4:2:2	169	21	20
					50	8	YCbCr	4:2:2	143	18	17
	SD	720	576	4:3	25	4	YCbCr	4:2:2	51	6.4	6
		720	486	4:3	30	4	YCbCr	4:2:2	52	6.5	6
Sony HDCAM SR 10 Bit MPEG-4	HD	1920	1080	16:9	30	8	RGB YCbCr	4:4:4 4:2:2	880	110	105
Sony XDCAM HD 8 Bit MPEG-2	HD	1920	1080	16:9	30	8	YCbCr	4:2:2	55	7	7
XAVC 10 Bit H.264	4K	4096	2160	1.9:1	60	8	YCbCr	4:2:2	319	40	38
		3840	2160	16:9	60	8	YCbCr	4:2:2	300	38	36
	2K	2048	1556	2.35:1	60	8	YCbCr	4:2:2	140	18	17
		2048	1080	1.89:1	60	8	YCbCr	4:2:2	100	13	12
	HD	1920	1080	16:9	60	8	YCbCr	4:2:2	100	13	12
					50	8	YCbCr	4:2:2	85	11	10
AVCHD 8 Bit H.264	HD	1920	1080	16:9	30	8	YCbCr	4:2:0	25	3.1	3
					25	8	YCbCr	4:2:0	22	2.8	3
		1280	720	16:9	60	8	YCbCr	4:2:0	19	2.4	2
					50	8	YCbCr	4:2:0	18	2.2	2
Broadcast MPEG-2 8 Bit	HD	1920	1080	16:9	30	2	YCbCr	4:2:0	19	2.4	2
					25	2	YCbCr	4:2:0	16	2.0	2
		1280	720	16:9	60	2	YCbCr	4:2:0	13	1.6	2
					50	2	YCbCr	4:2:0	11	1.4	1
	SD	720	576	4:3	25	2	YCbCr	4:2:0	6	0.7	1
		720	486	4:3	30	2	YCbCr	4:2:0	6	0.7	1

Based on the described use of the cluster, which node combination is the appropriate choice for the customer's requirements?

- A. 4 x X400 nodes with 4 x NL 400 nodes
- B. 4 x S200 nodes with 4 x NL 400 nodes
- C. 4 x X200 nodes with 4 x NL 400 nodes
- D. 4 x S200 nodes with 5 x NL 400 nodes

Answer: A

NEW QUESTION 90

You are setting up SmartPools on the cluster. Which Microsoft Windows system tool will illustrate the difference in performance experienced by clients connecting to different tiers of storage?

- A. IOZone
- B. Iometer
- C. iostat
- D. MiTrend

Answer: A

NEW QUESTION 91

A customer is looking for a new storage solution to handle their growing storage requirements. The system should be able to cover storage needs for the next three years. The environment consists of 100 TBs of file system data spread across five file systems. On average, the file systems grow 1 TB a month. In addition, they have a large VMware cluster supporting 200 VMs and a highly transactional database.

The customer is looking for a solution that would provide good performance, scalability, manageability, and be cost-effective. The sales team is looking to you to recommend a solution.

Which recommendation will meet the customer's requirements?

- A. Isilon for file system data, and a VNX for DB and VMware workloads
- B. Isilon cluster and scale-out as required
- C. VNX Unified platform with FAST Cache
- D. VMAX with FAST VP and a NAS Gateway

Answer: A

NEW QUESTION 96

If snapshots are configured for the InsightIQ datastore on Isilon and the datastore is reverted to a previous snapshot, what might be the result?

- A. InsightIQ datastore cannot be reverted
- B. InsightIQ database will have to be manually copied from the snapshot
- C. InsightIQ datastore could be corrupted
- D. InsightIQ will not recognize the older copy of the database

Answer: C

Explanation:

Do not use snapshots of the InsightIQ data store. If you revert a snapshot of the InsightIQ data store or modify the contents of the data store in any way, the InsightIQ data store might become corrupted.

NEW QUESTION 101

A company wants to have their new Gen 6 Isilon cluster benchmarked for a UNIX environment. What commonly available open source tool is typically used to test an Isilon cluster's performance for this environment?

- A. sar
- B. Perfmon
- C. IOZone
- D. Iometer

Answer: D

NEW QUESTION 104

If Isilon SmartConnect is being configured in a customer environment, which records are required for a supported implementation?

- A. A SmartConnect Service IP host record and a zone delegation for the SmartConnect zone delegated to the SSIP
- B. An overloaded host record with each SmartConnect zone member's IP address and an SRV record to provide resolution services
- C. A SmartConnect Service IP host record and a corresponding PTR record for each SmartConnect zone
- D. A SOA record for the SmartConnect Service IP and a corresponding CNAME record for each SmartConnect zone

Answer: A

NEW QUESTION 107

A telecommunications company has a substantial amount of data. This data is being created by network elements within their environment. The company wants to change the way the network elements Call Detail Records (CDR) are stored and analyzed. The existing infrastructure consolidates all of the CDRs into a table structure, and then ingests them into a large database. Once ingested, a query engine accesses the database and performs analysis on these files. The system is functional; however, since the amount of CDRs generated will increase exponentially over the next year, the company is open to alternatives for storing and analyzing these records.

In evaluating alternatives, the key requirements are to reduce cost, the amount of storage, and the amount of time to analyze the data. The customer would like to use Hadoop to analyze the CDRs.

After you have conducted an assessment of the workflow, you have recommended an Isilon Cluster to work within the Hadoop environment. What would be the best recommendation to the customer for the workflow of Hadoop with Isilon?

- A. Copy the CDRs from the source to an Isilon cluster with NFS, then use Hadoop to analyze the information directly over HDFS
- B. Write the CDRs directly to an Isilon cluster with an NFS mount, then use Hadoop to analyze the information directly over HDFS
- C. Copy the CDRs from the source to an Isilon cluster with NFS, then ingest the information into Hadoop for analysis
- D. Write the CDRs directly to an Isilon cluster with an NFS mount, then ingest the information into Hadoop with NFS then analyze

Answer: C

NEW QUESTION 108

Which type of deduplication is used to maximize the storage efficiently on an Isilon cluster?

- A. Fixed-segment
- B. Post-process
- C. Target-based
- D. Inline

Answer: B

NEW QUESTION 110

A customer plans to deploy N+2:1 protection on a 5-node Isilon cluster. How much capacity will be used to store a 320 KiB file?

- A. 320 KiB
- B. 448 KiB
- C. 576 KiB
- D. 640 KiB

Answer: D

NEW QUESTION 111

What is used to set permissions for ESRS-managed devices?

- A. Policy Manager
- B. InsightIQ
- C. ESRS gateway
- D. SupportIQ

Answer: A

Explanation:

The Policy Manager enables you to set permissions for devices being managed by ESRS. References:

NEW QUESTION 116

If an Isilon customer has an environment that requires usage data for chargeback, for analyzing usage trends and for capacity planning, which type of quota enforcing option should be used?

- A. Advisory
- B. Soft
- C. Hard
- D. Thin

Answer: B

NEW QUESTION 118

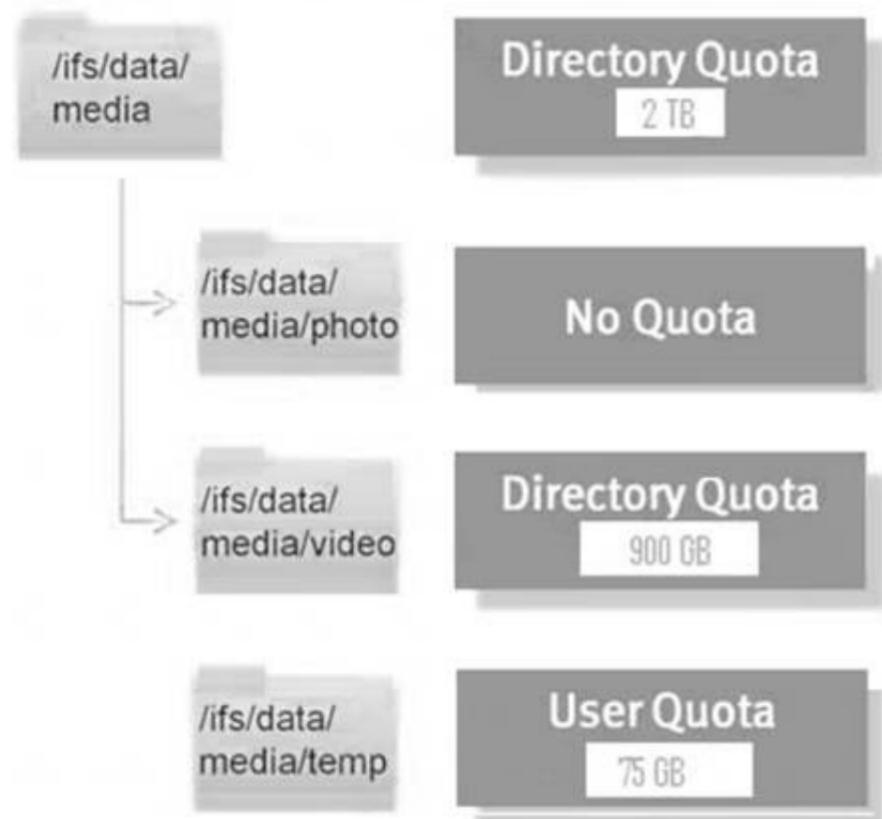
By default, which method is used by Isilon OneFS for SSDs?

- A. Metadata read acceleration
- B. Metadata read/write acceleration
- C. Data on SSDs
- D. Avoid SSDs

Answer: A

NEW QUESTION 123

Refer to the Exhibit.



What is represented by the information shown?

- A. Directory quota cannot exceed 2 TB for both /ifs/data/media and /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 2 TB and each user can only store 75 GB for /ifs/data/media/temp.
- B. Directory quota cannot exceed 2 TB for /ifs/data/media and no quota limit on /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 2 TB and each user can only store 75 GB for /ifs/data/media/temp.
- C. Directory quota cannot exceed 2 TB for both /ifs/data/media and /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 2 TB for /ifs/data/media/temp.
- D. Directory quota cannot exceed 2 TB for both /ifs/data/media and /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 900 GB and each user can only store 75 GB for /ifs/data/media/temp.

Answer: A

NEW QUESTION 128

You meet with the IT Director of a large single site campus. The IT department has recently taken over Physical Security from the facilities department and plans a complete overhaul of the surveillance solution. They are looking to you as a storage architecture expert to provide the correct amount of storage needed. The IT Director asks you what items they need to provide in order to size this solution. What data do you require from the customer?

- A. ResolutionCODECFrames Per Second (fps)Number of DevicesRetention Time
- B. Pixel CountCODECColor SamplingFrames Per Second (fps)Number of DevicesRetention Time
- C. Pixel CountCODECColor SamplingFrames Per Second (fps)Number of DevicesVideo Management SystemEvidence Collection Period
- D. Bit rate per cameraCamera ManufacturerVideo Management SystemRetention Time

Answer: A

NEW QUESTION 131

Your customer is looking for a storage solution that will be able to store seven million 3 MB files which are written and seldom accessed. Read and write operations are both completed by a web-based application, which requires 1.3 Gbps throughput. The customer's network has not been upgraded in many years, so the network interfaces are 1 Gbps.

What would be the best solution for this network configuration?

- A. Use LACP to aggregate the network ports on each node.
- B. Use jumbo frames to compensate for the 1GB Core network.
- C. Aggregate Infiniband (IB) ports across all nodes.
- D. Bond EXT-0 across all nodes.

Answer: A

NEW QUESTION 133

You are working with a healthcare company that is interested in replacing all the backend storage for their PACS system.

In general, how should the solution be presented to the customer?

- A. VNX for image cache; Isilon NL-Series nodes for image archive
- B. Isilon A-Series nodes for image cache; Isilon NL-Series nodes for image archive
- C. Isilon NL-Series nodes for image cache and image archive
- D. VNX for image cache and image archive

Answer: A

NEW QUESTION 134

A customer is running OneFS 8.0 on an Isilon cluster consisting exclusively of NL400 nodes. The storage administrator recently heard that OneFS 8.1 provides journal vaulting. What should you advise the storage administrator?

- A. Replace the batteries of the battery backed volatile storage with NiMH batteries.
- B. Add SSDs to all nodes of the existing cluster and upgrade to OneFS 8.1.
- C. Migrate all data from the current Isilon cluster to a Gen 6 cluster.
- D. Add a Gen 6 node to the existing Isilon cluster and upgrade to OneFS 8.1.

Answer: D

NEW QUESTION 136

-- Exhibit -

We have been engaged by a research hospital to help upgrade their Isilon installation. They currently have 12 previous generation Isilon nodes with 200TB of capacity and run on a 1Gbps network. They currently have 6 Illumina Hi-Seq Sequencers and an HPC cluster to process data. They would like to expand Isilon to 2PB of active data and 1PB of archive data. They use a third party data and metadata management service (IRODS) to stage data for analysis. The Isilon cluster is mainly used for analysis work with the HPC cluster.

-- Exhibit -

The customer will add two more Illumina Hi-Seq Sequencers in the next 6 months.

Once these are added, what is the total amount of data from all the sequencers they can expect to add per month?

- A. 9.6 TB
- B. 4.8 TB
- C. 1.2 TB
- D. 14.4 TB

Answer: A

NEW QUESTION 141

You are sizing an Isilon Cluster for a new customer. Analyzing their workflow, you determine that they have a small block random read workload.

What is the most important factor to consider when sizing this solution?

- A. Headroom
- B. IOPS
- C. Latency
- D. Bandwidth

Answer: B

NEW QUESTION 142

Traditional NAS storage architecture deploys simple two-way failover between two controllers in their storage systems, such as highly-available configurations.

How is the Isilon architecture different in terms of system resiliency and availability?

- A. Isilon OneFS enables each node to have a designated partner node for simple failover between the pair.
- B. Isilon solutions can enable failover to other nodes with the use of client-side drivers.
- C. Isilon clustered architecture deploys standby failover nodes to ensure the highest available solution.

D. Isilon OneFS enables each node to be a peer to any other node in an Isilon cluster.

Answer: D

NEW QUESTION 146

How does Isilon SnapshotIQ use storage for snapshots?

- A. Through Changed Block Tracking and only changed data blocks are saved
- B. Works on the file level and saves the entire file no matter what has changed
- C. Works with 4 KiB blocks and will always use that amount of storage, no matter what has changed
- D. Through Changed Block Tracking and always uses a 4 KiB block, even if the data changed is less than that amount

Answer: A

NEW QUESTION 148

There is a concern that there are not enough physical switch ports available for the Isilon cluster in a new implementation with SMB and ICAP requirements. What course of action should be taken?

- A. Team the NICs across the nodes and just add one connection to minimize the ports required.
- B. The customer needs to provide more switch ports for the implementation
- C. Create a SmartConnect zone across all ports but do not connect all of them
- D. Leave the archival nodes off the external network switch to save switch ports

Answer: B

NEW QUESTION 149

In an Isilon cluster, what is the largest number of nodes that a single file can be striped across?

- A. 10
- B. 20
- C. 30
- D. 40

Answer: B

NEW QUESTION 154

Your customer is moving from a Restaurant/Bar business model to a Restaurant/Casino business model. You are helping architect the upgrade of a current 4-node X200 48 TB Isilon cluster, with 50% utilized for their video surveillance operations.

They want to upgrade from 15 FPS (NTSC) in H.264 codec, with a 15 days retention policy to 30 FPS (NTSC) in H.264 codec, with a 30 days retention policy.

How many nodes of the same type will you need to add in order to meet the required changes and not exceed 70% raw capacity?

- A. 8 nodes
- B. 4 nodes
- C. 12 nodes
- D. 16 nodes

Answer: A

NEW QUESTION 159

A customer is configuring Isilon SmartConnect. They have determined that their workload primarily consists of short-lived connections, such as HTTP and FTP. Which load-balancing policy provides the most efficient client distribution?

- A. CPU Utilization
- B. Round Robin
- C. Connection Count
- D. Random Selection

Answer: A

NEW QUESTION 162

A customer requires a backup to tape of their Isilon cluster. They want advice on whether to implement a two-way NDMP solution or a three-way solution. The front-end network must be used to stream data to the backup solution. Which cost-effective solution will meet their needs?

- A. Two-way including a Backup Accelerator
- B. Three-way without a Backup Accelerator
- C. Three-way including a Backup Accelerator
- D. Two-way without a Backup Accelerator

Answer: A

NEW QUESTION 165

You meet a customer for the first time. They explain that their current environment for NAS does not meet their needs. You want to make sure that Isilon is a good fit for their needs.

What would be a good prequalifying question to ask?

- A. What protocols are accessing your NAS?
- B. What application are you using to create directories?
- C. Is your datacenter ISO9001 compliant?
- D. How many users are in your Directory Services?

Answer: A

NEW QUESTION 169

You have 1000 users for an application that reads and writes files averaging between one and four MB in size. Each user requires 24 MB of RAM. You want to add another 1000 users for this application, and in preparation for them, you run the isi statistics command. You discover that the average CPU utilization is 20%; aggregate throughput averages 700 MB/s and the disk QueueD average is 1.5. Your cluster currently has five X200 (12 GB RAM, 1 TB drive) nodes, uses N+2:1 protection and 1 GigE networking.

What should you do to accommodate the next 1000 users?

- A. Add five additional X200 (12 GB, 1 TB drive) nodes
- B. Upgrade each X200 node to a total of 24 GB of RAM.
- C. Upgrade two of the 1 GigE NICs to 10 GigE on each node.
- D. Add five A100 (24 GB RAM) accelerator nodes.

Answer: A

NEW QUESTION 173

You are called into an opportunity, you would like to get more information on the data skew of the filer. The customer has a supported filer.

What assessment tool would you use to generate this information?

- A. Workload Profile
- B. Workflow Profile
- C. InsightIQ
- D. SupportIQ

Answer: A

NEW QUESTION 177

Which Isilon OneFS administration methods are enforced by RBAC?

- A. Platform API, command line, and web administration interface
- B. Command line, InsightIQ, and web administration interface
- C. SNMP and web administration interface
- D. Command line, web administration interface, and SNMP

Answer: A

NEW QUESTION 178

There is a need to carry out a tech refresh of an Isilon cluster. Old nodes must be removed because of space constraints in the data center. What methodology is least disruptive and will retain the file system structure, configuration, data, and DNS information?

- A. Install the new nodes as a new cluster and use SyncIQ to replicate the data to the new nodes
- B. Add the new nodes to the cluster and use SmartFail to move the data to the new nodes
- C. Install new nodes into the cluster and use SyncIQ to replicate the data from the old to the new nodes
- D. Install the new nodes into the cluster and migrate using a host-based utility

Answer: C

NEW QUESTION 183

An Isilon customer expressed an interest in more effectively managing their storage. Specifically, they would like to plan for future growth.

Which tool would allow the customer to forecast capacity requirements?

- A. InsightIQ
- B. Isilon SNMP MIB
- C. SyncIQ
- D. SmartPools

Answer: A

NEW QUESTION 184

What is a Shadow Store used for in Isilon OneFS?

- A. Shared data for clones and original files
- B. Changed block data for clones and original files
- C. Changed block data for SyncIQ
- D. Changed blocks for SnapshotIQ

Answer: A

NEW QUESTION 189

Which level of control does RBAC provide for cluster administration roles?

- A. Object level restrictions
- B. Domain specific restrictions
- C. Activity level restrictions
- D. Activity and object level restrictions

Answer: A

NEW QUESTION 191

You have had several discussions with your customer in the processor design industry. They have stated that they want a Scale-Out NAS platform for their design environment. Their most significant responses were "We have 125 design engineers accessing large diagrams and we need high throughput to support them. Can we also get the highest performance available? We need to stay ahead of our competitors." Other areas you discussed were their data retention policies and workflow after the chip design is completed. They plan to archive the design files but the files must stay on line.

What is your initial node recommendation?

- A. S-Series nodes for the active diagrams and NL Series nodes for the archives
- B. A-Series nodes for the active diagrams and X-Series nodes for the archives.
- C. X-Series nodes for the active diagrams and NL 400 nodes for the archives
- D. X-Series nodes with SSD for the active diagrams and NL nodes for the archives

Answer: A

NEW QUESTION 193

What is the maximum number of file pool policies supported in an Isilon cluster?

- A. 100
- B. 128
- C. 256
- D. No limit

Answer: C

NEW QUESTION 194

A potential customer requires 800 TB of usable capacity to store medical images for their network of health clinics. The IT department has limited staff and currently manages four storage arrays from other vendors. During a meeting with the Director of IT you learn that the company is considering a solution from a competitor of EMC using two of the existing arrays and two new arrays.

Which Isilon capabilities would show a better ROI for the customer?

- A. Isilon has 6%-12% less filesystem overhead than traditional clustered filesystem solutions. With a single filesystem and virtual capacity for drive and node failures, Isilon utilization is typically 80% or higher. Isilon utilization is typically 80% or higher due to use of a single filesystem and virtual capacity for drive and node failures.
- B. With a single filesystem and virtual capacity for drive and node failures, Isilon utilization is typically 80% or higher. OneFS compression results in higher effective capacity within the cluster. Traditional clustered filesystems require 4%-10% internal overhead compared to Isilon virtual capacity.
- C. Forward Error Correction overhead is 7% lower than traditional RAID. Isilon has 6%-12% less filesystem overhead than traditional clustered filesystem solutions. According to an IDC study, Isilon improves IT productivity by nearly 50% compared to traditional competitors.
- D. Isilon has 15%-20% less overhead than traditional clustered filesystems. According to an IDC study, Isilon utilization is nearly 50% higher than traditional competitors. Isilon QOS headroom and multiple node pools ensures consistent performance up to 80% utilization.

Answer: A

NEW QUESTION 197

Using Isilon SnapshotIQ, how many snapshots can be created at the directory level?

- A. 8
- B. 96
- C. 256
- D. 1024

Answer: D

NEW QUESTION 199

Which impact policies are available on an Isilon cluster?

- A. High, Medium, Low, Default
- B. High, Medium, Low, Paused
- C. High, Medium, Low, Auto
- D. ASAP, High, Medium, Low

Answer: B

NEW QUESTION 201

A customer is inquiring about expanding their primary cluster consisting of six S-Series nodes in order to improve performance. They have a second cluster with 11 X-Series nodes. Both clusters leverage 1GbE, but the customer recently installed a 10GbE network that can be utilized. They also have multiple Fibre Channel SAN arrays in their environment.

They have a variety of workloads on each cluster and are in the process of determining which workloads belong on which cluster. They have discovered that one of the workloads- a SQL database that resides on the X-Series node cluster - is experiencing timeouts due to latency. The database vendor has suggested limiting

latency to 5ms or less to eliminate these timeouts.
How do you advise the customer?

- A. Consider migrating data from Isilon to one of their SAN platforms or proposing a new solution to handle the performance requirements of SQL.
- B. Merge the S-Series nodes and X-Series nodes into one cluster, upgrade the 1GbE to 10GbE, and leverage SmartPools to allow for the cluster to determine where data should reside.
- C. Suggest the customer consider leveraging SSDs in the new nodes they purchase and GNA to boost the performance of each cluster.
- D. Recommend they increase the amount of DRAM in the cluster or consider an Accelerator node in order to increase the amount of cache in their cluster.

Answer: A

NEW QUESTION 204

Which SmartConnect policies are used for workloads that have short lived connections such as HTTP and FTP?

- A. Connection count and round robin
- B. Round robin and CPU usage
- C. Throughput and CPU usage
- D. Throughput and connection count

Answer: C

NEW QUESTION 205

An Isilon customer created a scheduled SyncIQ policy to replicate data from an Enterprise-mode SmartLock directory. The source cluster is now unusable and the target cluster does not automatically allow writes to the data in the replicated SmartLock directory. What is the reason why the target cluster did not automatically allow writes of the data?

- A. SyncIQ Automated failover is not supported for SmartLock directories; however, manual failover is allowed.
- B. Automated failover and manual failover are not allowed on SmartLock directories on the target cluster.
- C. A SyncIQ job was running while the source cluster became unusable, thereby removing all data on the target directory.
- D. SnapshotIQ was not licensed on the target cluster; the snapshot of the directory is not available for use by SyncIQ.

Answer: A

NEW QUESTION 210

A cluster has user quotas configured for user's home directories with hard limits and advisory limits set. What would the default setting be for calculating user quotas on the cluster?

- A. User data and data protection overhead only
- B. User data only
- C. User data, snapshot data, and data protection overhead
- D. User data and snapshot data only

Answer: C

NEW QUESTION 213

Refer to the exhibit.

Typical Uncompressed Storage Requirements per Imaging Study (Sample)

** Please see Healthcare Terminology document for descriptions on these Modalities

Modality	Images			Storage/MB		
	Average	Low Range	High Range	Average	Low Range	High Range
CT	60	40	300	32	21	157
CT (thin-slice)	500	200	1000	262	105	524
Magnetic Resonance	200	80	1000	26	11	131
Mammography	6	4	8	108	72	144
Ultrasound	30	20	60	18	12	37
Echocardiography	1125	750	1500	346	230	461

A large hospital chain has approached you to redesign their storage infrastructure. The head of IT believes their requirement is for 100 TB of RAW capacity. They want to consolidate their PACS, file shares and home directories onto one cluster and require very fast enumeration of the directories. The following are the notes from meetings with the department heads.

Which is the best cluster configuration that meets the customer's requirements?

- A. 4 x X-Series nodes using SynqIQ to 4 x NL-Series nodes
- B. 3 x S-Series nodes using SmartPools and 3 x NL-Series nodes for Archive
- C. 5 x S-Series nodes
- D. 3 x NL-Series nodes using SynqIQ to 3 x NL-Series nodes

Answer: A

NEW QUESTION 218

A company currently has multiple file servers to provide home directories for its employees. Each department has a separate file server. Most corporate users are on Windows clients and utilize Active Directory, except for the Engineering department, which uses Linux and NIS for authentication. The company is looking for a solution with minimal administrative overhead and a single namespace for the home directories.

What is the recommended solution that will meet this company's requirements?

- A. Configure a single Isilon cluster and utilize Access Zones for authentication to Active Directory and NIS.
- B. Configure two separate clusters, one for Windows clients and the other for Linux.
- C. Utilize SmartPools to create two different FilePools, and separate Windows users from Linux users.
- D. Configure a single cluster, and migrate Linux users to Windows.

Answer: A

NEW QUESTION 222

Which Isilon SmartLock version uses an NTP server to keep track of the set retention periods placed on a directory?

- A. Standard with WORM
- B. Standard No WORM
- C. Enterprise
- D. Compliance

Answer: C

NEW QUESTION 224

What key considerations should be kept in mind when designing a 300TB solution?

- A. Workflow managementDefining class of serviceTime of day servicesRPO and RTOData retention and backup
- B. Defining class of serviceTime of day servicesROI and TCOData retention and backup
- C. SmartPoolsSmartconnectSnapshotsSpace for snapshots
- D. Always include 2% SSDSmartPoolsSmartconnectSnapshotsInsightIQ

Answer: A

NEW QUESTION 226

When working with Isilon file pool policies, which file attribute can be applied as a filter?

- A. Performance
- B. File create date
- C. File type
- D. Permissions

Answer: C

NEW QUESTION 231

An existing customer has two NAS systems providing NFS storage in their main datacenter - one is an Isilon cluster and the second is an array from another vendor. Both systems are four years old, and the customer would like to consolidate the storage into a single solution. According to the customer, both systems support identical workloads with similar performance and utilization, and they want the new solution to support 50% performance growth. Which method can model the workload requirements, and what multiplier will capture the requirements for the new solution?

- A. Use isi statistics protocol, and multiply by 3
- B. Use isi statistics drives, and multiply by 1.5
- C. Use isi statistics query, and multiply by 2
- D. Use isi statistics system, and multiply by 3

Answer: A

NEW QUESTION 234

Refer to the exhibit.

NFSv3 protocol breakdown

```
[root@centos-20]~# -Z60
nfs v3 client      total:    272191
-----
nfs v3 client      getattr:  12041
nfs v3 client      lookup:   20276
nfs v3 client      access:   23286
nfs v3 client      read:    10500
nfs v3 client      write:   158530
nfs v3 client      create:   15852
nfs v3 client      fsstat:  15853
nfs v3 client      commit:  15853
```

Which tool was used to create this output and which line item counts the metadata read operations occurring in the file service?

- A. nfsstat and getattr
- B. iostat and fsstat
- C. tcpdump and nfsstat

D. isi_netlogger and commit

Answer: A

NEW QUESTION 235

There is a requirement to use dynamic link aggregation to maximize throughput and resiliency on a new Isilon cluster servicing SMB and NFS data. What is the recommended configuration for the physical network interfaces?

- A. FEC
- B. Round robin
- C. Active/passive failover
- D. LACP

Answer: C

NEW QUESTION 237

An Isilon customer's administrator created the nested directory structure, shown in the exhibit, using SmartQuotas. However, a user needs to write an additional 650 GB of data to "/ifs/data/acct/recv".

Directory Name	Quota Type	Directory Path	Directory Quota Limit	Amount of Directory Quota Used
Directory1	Hard	/ifs/data/acct/	1300 GB	--
Subdirectory1	User	/ifs/data/acct/pay/	500 GB	400 GB
Subdirectory2	User	/ifs/data/acct/recv/	500 GB	350 GB

Which steps will enable the user to complete this task?

- A. Directory1 Quot
- B. Increase to 1400 GBUser QuotA.Increase to 1000 GB on Subdirectory2
- C. User Quot
- D. Decrease to 650 GB on Subdirectory2Directory1 QuotA.Decrease to 1650 GB
- E. User Quot
- F. Decrease to 400 GB on Subdirectory1Directory1 QuotA.Increase to 1650 GB
- G. Directory1 Quot
- H. Increase to 1350 GBUser QuotA.Decrease to 1000 GB on Subdirectory1

Answer: A

NEW QUESTION 242

A media and entertainment company has asked for help in creating a new Video On Demand (VOD) storage system. The storage would be delivered to 5000 subscribers simultaneously. They would like to store 5000 hours of full length, High Definition (HD) movies. What would be the best price-to-performance nodes for this solution?

- A. X400 with no SSD and 96GB RAM
- B. X200 with no SSD and 48GB RAM
- C. Mixed X400 48GB RAM and NL400 24GB
- D. X400 with 1.6TB SSD and 24GB RAM

Answer: A

NEW QUESTION 246

You have been working with a customer to size a new Isilon cluster for their environment. You recently determined that a cluster with three X400 nodes with 1TB drives and 48 GB RAM would be a perfect starting point for their workflow, but will have extra capacity. The customer just informed you that they have decided to also use the cluster for a small home directory environment and implement SmartQuotas. Which configuration changes should you consider?

- A. Increase the memory and add SSDs to the configuration.
- B. Add an additional X400-Series node to the configuration.
- C. Add three NL-Series nodes with 1 TB drives with 48GB RAM, and use SmartPools.
- D. Add three S-Series nodes with 300GB drives with 48GB RAM, and use SmartPools.

Answer: A

NEW QUESTION 249

A customer has a 7-node Isilon cluster configured with N+2:1 protection. How many nodes can be offline with the data accessible and fully writeable?

- A. 1
- B. 2
- C. 3
- D. 0; all nodes must be online

Answer: A

NEW QUESTION 252

If a client is mounted to the sixth node in a 20-node Isilon cluster, how much memory cache can that client leverage assuming each node has 8 GB of memory

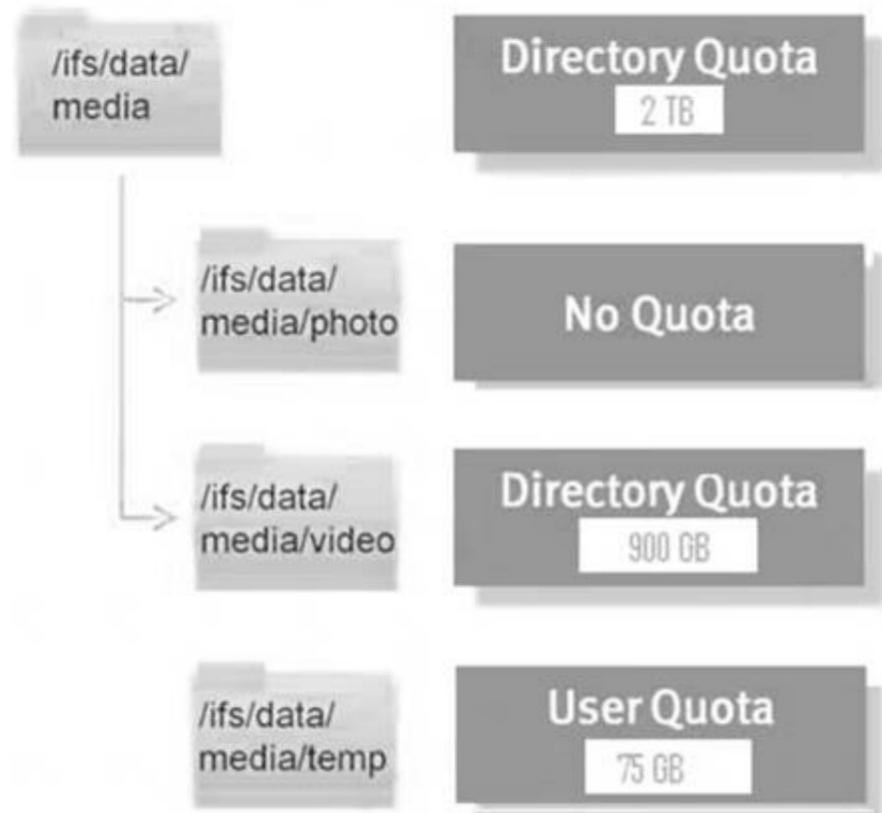
cache?

- A. 16 GB
- B. 40 GB
- C. 120 GB
- D. 160 GB

Answer: D

NEW QUESTION 257

Refer to Exhibit below:



What is represented by the information shown in the exhibit?

- A. Directory quota cannot exceed 2 TB for both /ifs/data/media and /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 2 TB and each user can only store 75 GB for /ifs/data/media/temp.
- B. Directory quota cannot exceed 2 TB for /ifs/data/media and no quota limit on /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 2 TB and each user can only store 75 GB for /ifs/data/media/temp.
- C. Directory quota cannot exceed 2 TB for both /ifs/data/media and /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 2 TB for /ifs/data/media/temp.
- D. Directory quota cannot exceed 2 TB for both /ifs/data/media and /ifs/data/media/photo. Directory quota cannot exceed 900 GB for /ifs/data/media/video. Directory quota can be any size up to 900 GB and each user can only store 75 GB for /ifs/data/media/temp.

Answer: A

NEW QUESTION 261

Your customer is moving from a Restaurant/Bar business model to a Restaurant/Casino business model. You are helping architect the upgrade of a current 4-node X200 48 TB Isilon cluster, with 50% utilized for their video surveillance operations.

They want to upgrade from 15 FPS (NTSC) in H.264 codec, with a 15 days retention policy to 30 FPS (NTSC) in H.264 codec with a 30 days retention policy.

Which storage capacity would be the best suited to meet the required changes and utilize 65-75% capacity?

- A. 110 TB
- B. 80TB
- C. 140TB
- D. 50TB

Answer: A

NEW QUESTION 262

When a client requests a file to read from an Isilon cluster, in which order does the read operation access the hardware in a node?

- A. Endurant Cache, L1 cache, disk
- B. L2 cache, L1 cache, disk
- C. Disk, L2 cache, Endurant Cache
- D. L1 cache, L2 cache, disk

Answer: C

NEW QUESTION 267

When designing Isilon solutions, what issues should you pay special attention to?

- A. Avoid being too enthusiastic over the technology
Balancing technical and business requirements
Provide Options
Design to meet customer expectations
- B. Workflow Document
Solutions Document
Application types
Data strategy

- C. Solutions DocumentBalancing technical and business requirementsProviding many optionsPractical v
- D. theoretical implementations
- E. Solutions DocumentBalancing technical and business requirementsDownstream hand-offDesign to meet customer expectations

Answer: A

NEW QUESTION 270

What is the overhead impact on the physical capacity when configuring data protection at +2:1 on a 6-node Isilon cluster?

- A. 1/2
- B. 1/4
- C. 1/5
- D. 1/6

Answer: C

NEW QUESTION 271

Your customer's initial use case was Home Directories. They implemented the cluster with four 1Gbps ports and LACP. They are planning to expand their cluster to support their core file services. They plan to upgrade their network infrastructure to 10 GbE to facilitate this. What are two design impacts this change will have?

- A. Maximum performance is obtained by only using a single 10GbE interface per node.LACP and multiple links may be used to increase redundancy, but will not provide more overall performance to the system
- B. LACP and multiple links may be used to increase redundancy, but will not provide more overall performance to the system.FCoE should be considered for the External Network Ports on the nodes.
- C. Dual 10GbE ports on each node will enable throughput of 20Gbps.Only connect half of the nodes to the network.
- D. Maximum performance is obtained by only using a single 10GbE interface per node.Isilon can support up to 400MB/s per node

Answer: A

NEW QUESTION 274

You are reviewing an opportunity with a trusted advisor. You both discover gaps in the initial solution design. Each iterative discussion with the customer helps you define the solution better. The documents produced capture the customer's requirements. What else needs to occur to refine the sizing considerations?

- A. Validate the Workflow Profile Assessment and test the solution against your findings.
- B. Review you assumptions and ask the customer what business issue you're solving.
- C. Provide the CIO with the findings and gain commitment to a Proof of Concept.
- D. Complete your Solution Design Document and forward to EMC consulting.

Answer: A

NEW QUESTION 278

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