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NEW QUESTION: 1

What determines the number of job engine workers assigned to a task?

- A. Job phase
- B. Job task
- C. Job priority
- D. Job impact policy

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 2

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 3

How does the Job Engine contribute to workload management?

- A. By replicating all cluster data to offsite backup servers
- B. By automatically upgrading OneFS nodes during workload spikes
- C. By distributing and scheduling background cluster jobs to avoid production performance impact

D. By encrypting traffic between nodes

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 4

A customer has a large, multi-tier Isilon Gen 6 cluster storing home directories and critical file share data.

Which OneFS feature should be used to segregate home directory from critical file shares, enabling data archive across a single namespace?

- A. SmartPools
- B. SyncIQ
- C. Aspera
- D. SmartConnect

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 5

What is the maximum number of data stripes in a Gen 6 Isilon?

- A. 128
- B. 144
- C. 20
- D. 16

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 6

Your customer has several departments that want separate access to the cluster so they can use their individual authentication methods. Two of the departments will use NFS and two will use SMB to access the cluster.

What would you recommend?

- A. Create two separate access zones for the NFS clients, and use the System zone for the SMB clients.
- B. Have all clients access the System zone, and use RBAC to control authentication.
- C. Create two separate access zones for the SMB clients, and use the System zone for the NFS clients.
- D. Create separate access zones for both the SMB and NFS clients.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

A PowerScale administrator has a cluster containing four F600 nodes. They must configure FTP connections for anonymous access that requires no authentication.

What is the result of this configuration?

- A. The limit is 200 for FTP connections per node.
- B. The limit is 500 FTP connections per node.

- C. The limit is 500 for FTP connections per cluster.
- D. The limit is 200 FTP connections per cluster.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 8

How does CloudPools differ from SmartPools in managing storage tiers?

- A. CloudPools automatically changes file ownership during migration, while SmartPools preserves it
- B. CloudPools creates temporary NFS exports for off-cluster workloads, while SmartPools creates SMB shares
- C. CloudPools requires inline deduplication for all data, while SmartPools does not
- D. CloudPools uses external cloud storage for inactive data, while SmartPools tiers data within the cluster

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 9

A customer has implemented snapshots on their PowerScale cluster. A UNIX administrator must recover data on one of their NFS attached file systems.

From which directory can they recover the data?

- A. The .snapshot directory
- B. The ~snapshot directory
- C. The ./~snapshot directory
- D. The snapshot directory

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Which tools are best for testing network throughput between nodes during design validation?

(Select all that apply)

- A. iperf
- B. Wireshark
- C. Live Optics
- D. Iomete

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

After raw events are processed by CELOG coalescers, where is the data stored?

- A. Syslog server database
- B. Audit host logs
- C. SNMP trap receiver
- D. CELOG database and coalesced into event groups

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 12

What are valid uses of iostat and netstat in PowerScale design validation? (Select all that apply)

- A. Evaluating network interface performance and socket connections
- B. Automatically adjusting file pool policies for tiering
- C. Measuring disk I/O performance at the operating system level
- D. Validating SmartConnect DNS delegation

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 13

A eight node F800 Isilon cluster running OneFS 8.2.1 has a dedicated subnet and IP pool for SMB data traffic. SmartConnect Advanced license is applied. The SMB IP pool consists of LACP aggregated 10GigE interfaces from all the nodes.

What is the maximum number of SmartConnect Service IPs recommended for the SMB subnet?

- A. 6
- B. 4
- C. 1
- D. 8

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 14

What are the available Usermapper roles?

- A. Active, Passive, and Standby
- B. Local, Remote, and Client
- C. Primary, Local, and Remote
- D. Primary, Secondary, and Client

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 15

What determines how a user is directed to the correct secure multi-tenancy access zones?

- A. Incoming IP
- B. Isassd daemon
- C. External providers
- D. External protocols

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 16

Your customer has a new business unit. They are gathering web log files to be analyzed. They are using Hadoop to do the analysis of the logs. The IT department is centrally storing the log files on a 5-node Isilon cluster.

They have enabled the Hadoop cluster to access the files directly on the Isilon storage. The nodes are X400's with two SSD drives in each node and 96GB of RAM.

How many DataNodes does the Isilon cluster have?

- A. Five
- B. Two
- C. Three
- D. One

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 17

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. Dual 10GbE ports on each node will enable throughput of 20Gbps. Only connect half of the nodes to the network.
- 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. Maximum performance is obtained by only using a single 10GbE interface per node. Isilon can support up to 400MB/s per node
- D. 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.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 18

A 6 F800 node Isilon cluster has one subnet with two IP pools with LACP aggregated 10GigE interfaces from all the nodes in the 'Data-Zone' Access Zone. The 'NFS-Pool' with dynamic IP Allocation schema and 'SMBPool' with static IP Allocation schema are being used.

All the Linux clients are accessing Isilon exports using NFSv3 via the 'NFS_Pool'. All the Windows clients are accessing Isilon shares using SMBv3 via the 'SMB_Pool'.

While deploying Isilon, the customer reserves the whole network subnet for Isilon. The customer is facing performance issues with a new workload that is accessing the Isilon via Kerberized NFSv4.

What is recommended when creating a new IP pool for NFSv4 clients?

- A. Dynamic IP Allocation in the 'Data-Zone' access zone
- B. Static IP Allocation in the 'Data-Zone' access zone
- C. Dynamic IP Allocation in the 'System' access zone
- D. Static IP Allocation in the 'System' access zone

Answer: D (LEAVE A REPLY)

NEW QUESTION: 19

Refer to the exhibit.



A customer calls you and asks if you could come by and interpret their InsightIQ data. You see that namespace reads are 63% of the workload. What would you recommend to help this cluster's namespace performance?

- A. Add S-Series nodes
- B. Add SSDs
- C. Add A-Series nodes
- D. Turn off write cache

Answer: (SHOW ANSWER)

NEW QUESTION: 20

What must be configured on a PowerScale in order to store only the customer presentation PPT and PDF files on the cluster and the external repository?

- A. Enable file filtering on the share repository, denying access to PDF and PPT file extensions.
- B. Enable file filtering only on the share repository, allowing only read-only PDF and PPT file extensions.
- C. Enable file filtering only on the share repository, denying access to PDF and PPT file extensions.

D. Enable file filtering on the share repository, allowing only write PDF and PPT file extensions.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 21

Which monitoring practices support proactive PowerScale management? (Select all that apply)

- A. Regular review of InsightIQ performance trends
- B. Using iperf to validate network throughput during design validation
- C. Disabling auditing to reduce overhead
- D. Scheduling HealthCheck reports periodically

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

You are asked to size a cluster for a file sharing environment. nfsstat indicates that 75% of the requests are namespace operations (e.g., GETADDR, SETADDR). There will be 8,000 active Linux users, connecting over NFS.

Which cluster configuration would you recommend?

- A. Eight X200 (27 TB) 48 GB RAM, 600 GB SSD, N+2:1
- B. Eight X200 (27 TB) 12 GB RAM, 600 GB SSD, N+2
- C. Five X400 (66 TB) 48 GB RAM, 1.2 TB SSD, N+2:1
- D. Eight X200 (36 TB) 48 GB RAM, no SSD, N+2:1

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 23

Your customer, a metropolitan newspaper, uses Secure FTP (SFTP) to upload stories and images for print workflows. Their existing competitor's storage array is going out of support, and future SFTP support is being dropped.

This SFTP workflow is not covered in their disaster recovery plan.

Which qualifying questions would uncover this requirement early?

- A. What is your infrastructure? What applications access the storage? What protocol versions are in use?
- B. What is your network infrastructure? How many storage fabrics do you have? What is your disaster recovery plan?
- C. What protocols (SFTP, SMB, NFS) are in use? What does your infrastructure look like? How do you manage file systems?
- D. How much capacity is required? What applications access the storage? What risks exist in your infrastructure?

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 24

While validating the value (VTV) with a large educational customer, they have decided they would like to add a Disaster Recovery (DR) site to their existing Isilon environment. The existing cluster contains six X-Series nodes.

They plan to have all workflows replicated to the DR site and both clusters will have identical shares, exports, and user authentication. The customer would like to test DR failover every six months by running their production environment from the DR site.

What would you recommend for the DR solution?

- A. SyncIQ and NL-Series nodes at the DR site
- B. Equal number of S-Series nodes at the primary site
- C. SmartConnect and NL-Series nodes at the primary site
- D. SyncIQ and identical cluster at the DR site

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 26

What challenge exists when configuring NDMP backups for multi-tenant clusters?

- A. NDMP cannot support incremental backups
- B. NDMP cannot back up directories larger than 1 TB
- C. NDMP requires disabling SmartConnect zones temporarily
- D. NDMP backups are restricted to a single access zone by default

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 27

Which three external authentication providers can be configured with Dell PowerScale? (Select 3)

- A. OAuth
- B. AD
- C. NIS
- D. SAML
- E. LDAP

Answer: B,C,E ([LEAVE A REPLY](#))

NEW QUESTION: 28

Your customer's site uses an old X-Series cluster, and they are interested in consolidating their two primary workflows. iostat shows that one of the applications is sensitive to latency, while isi statistics indicates sensitivity to disk response times. There are approximately 1000 users accessing 70 TB of file data.

Which node type would you recommend?

- A. S200
- B. X200
- C. NL400
- D. X400

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

Which SmartPools capabilities improve storage efficiency and performance? (Select all that apply)

- A. Cross-protocol user mapping between SMB and NFS
- B. File pool policies for automated data placement
- C. Automatic WORM enforcement for compliance retention
- D. Intelligent tiering across performance and capacity node pools

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 30

A customer has grown 2 PB in the last year. The cluster performs well most times of the day, but occasionally during the day, the customer notices a decrease in performance. You have been told that 'tree-deletes' are taking too long and can only be run on weekends.

What would you recommend to speed up the 'tree-deletes'?

- A. Use an A100 node for added CPU performance to help with 'tree-deletes.'
- B. Add an SSD tier for metadata, ensuring all nodes have SSDs.
- C. Add an SSD node tier for metadata to account for at least 2% of RAW capacity
- D. Add 20% more nodes to the cluster to help with degraded performance.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 31

A customer has two Isilon clusters in an Active-Passive setup. The customer has latency sensitive media editing workflows. Most of the media editing work occurs prior to broadcasting between 7:00-8:00, 11:00- 12:00, 17:00-18:00 and 19:00-20:00.

What should be recommended to minimize the risk of including latency to the client workflow?

- A. Retain the default job impact policies that would run the Job Engine jobs. Run SyncIQ policies during the given hours.
- B. Retain the default job impact policies that would run the Job Engine jobs. Do not run SyncIQ policies during the given hours.

C. Create and set a custom job impact policy that would exclude the running SyncIQ policies during the given hours.

D. Create and set a custom job impact policy that would exclude the running of the Job Engine jobs. Do not run SyncIQ policies during the given hours.

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 32

Which factors must be considered when designing directory structures for large PowerScale namespaces? (Select all that apply)

- A. Expected number of files per directory
- B. Network VLAN segmentation
- C. Choice of antivirus scanning vendor
- D. Depth of directory hierarchy for application access patterns

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 33

Three jobs of different exclusion sets with a priority level of 5 are concurrently running on a cluster. A new job with a priority of 4 needs to be run.

What does the Job Engine do?

- A. Runs the new job in parallel with the other running jobs
- B. Pauses one priority 5 job and runs the new job until completion, then restarts the paused job
- C. Queues the priority 4 job until higher-priority jobs complete
- D. Pauses all priority 5 jobs and runs the new job until completion, then restarts the paused jobs

Answer: C (LEAVE A REPLY)

NEW QUESTION: 34

Which tool measures actual throughput and produces sophisticated graphs?

- A. Perfmon
- B. IOZone
- C. MiTrend
- D. WireShark

Answer: C (LEAVE A REPLY)

NEW QUESTION: 35

Which type of link aggregation is supported with Isilon nodes?

- A. Aggregation across Ethernet ports in a node
- B. Aggregation of up to eight similar ports in the same cluster
- C. Aggregation across two or four nodes
- D. Aggregation of 10 GbE and 40 GbE ports

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 36

Which factor most directly impacts workflow design when considering file size growth?

- A. Snapshot schedule frequency
- B. Frequency of isi statistics queries
- C. Change in I/O pattern from small to large files over time
- D. Number of access zones for authentication

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 37

The data access pattern on a PowerScale Gen6 cluster is set to Concurrency.

Which description accurately defines this workload?

- A. Multiple clients accessing the same data with aggressive prefetching
- B. Single stream workflows with aggressive prefetching
- C. Multiple stream workflows with no prefetching
- D. Multiple clients accessing the same data with moderate prefetching

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 38

When creating a FilePool policy via the OneFS WebUI, what is the maximum allowed number of condition blocks?

- A. No limit
- B. 8
- C. 1
- D. 3

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 39

A customer wants to replace a legacy storage environment used for high-definition video editing. Each workstation connecting to the shared storage must sustain 650 MB/s of single-stream bandwidth.

Which PowerScale node type is recommended?

- A. A3000 nodes

- B. F600 nodes
- C. H700 nodes
- D. H500 nodes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 40

A customer is having difficulty with SMB authentication against an Active Directory (AD) server. Which tool is appropriate for analyzing protocol packets between an Isilon cluster and an AD server?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 41

Which use cases are best suited for SnapshotIQ? (Select all that apply)

- A. Point-in-time recovery of accidentally deleted files
- B. Low-overhead snapshots with minimal performance impact
- C. Immutable retention for financial compliance

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

For a given job, what determines the number of workers assigned?

- A. Job impact policy
- B. Job priority
- C. Job task
- D. Job phase

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 43

If SmartPools is unlicensed on a cluster, which features are NOT enabled?

- A. Specify spill over target, automatic node pool provisioning
- B. Metadata acceleration setting, GNA
- C. File pool policy filters, snapshot target
- D. File pool policy filters, specify spill over target

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 44

In a cluster with N+2 protection, which type of object would be triple mirrored automatically when written to the OneFS file system?

- A. All files smaller than 512 KB
- B. All files smaller than 128 KB
- C. All files smaller than 1 MB
- D. All files smaller than 256 KB

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

A media and entertainment company needs a Video On Demand (VOD) storage system to support 5000 simultaneous HD streams and store 5000 hours of content.

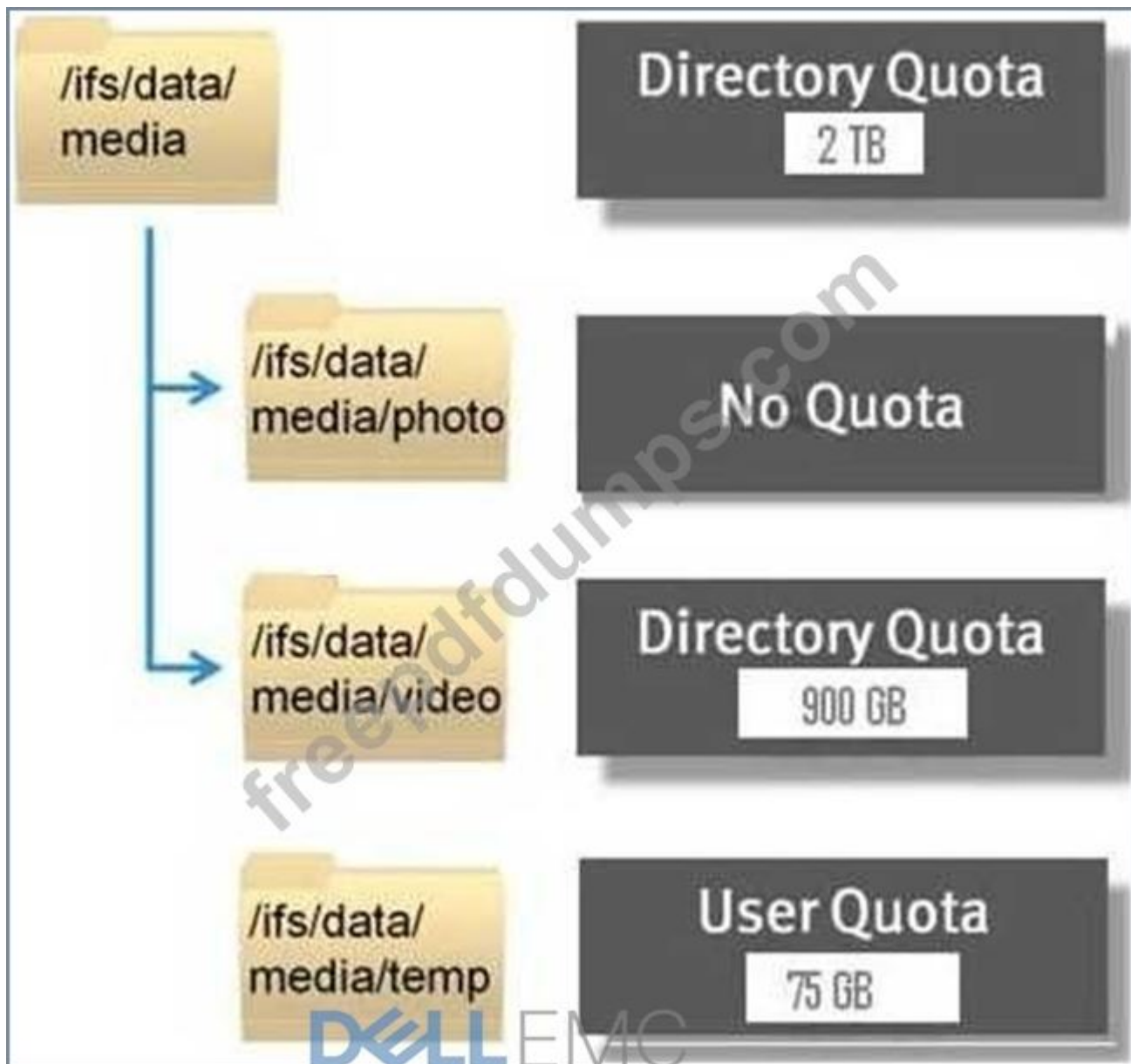
Which node type provides the best price-to-performance ratio?

- A. H500 nodes
- B. H700 nodes
- C. A3000 nodes
- D. F600 nodes

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 46

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 900 GB and each user can only store 75 GB 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 2 TB for `/ifs/data/media/temp`.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 47

Which attributes correctly describe FTPS?

- A. Uses FTP protocol, supports web services, does not require client software
- B. Uses FTP protocol, does not support web services, and uses port 22
- C. Uses FTP protocol, requires client software, and uses SSL/TLS encryption
- D. Does not use FTP protocol, supports web services, requires client software

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

Which type(s) of data is predominately associated with home directories and file shares?

- A. XML data
- B. Oracle directories
- C. E-mail files, PPT, Word documents
- D. SQL database files

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 49

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 in this environment?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

A customer has two Isilon clusters. Cluster 1 has eight H500 nodes and cluster 2 has twelve H500 nodes. The customer needs to be able to monitor real time performance data of the clusters as well as track file growth.

Which supported tool should be recommended?

- A. InsightIQ
- B. Unisphere
- C. Data Insights
- D. isi statistics

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 51

A large hospital organization is looking for a vendor neutral archive solution for their imaging data.

a. When proposing an Isilon solution, which benefits should be discussed?

- A. Consolidation of imaging applications and ability to switch PACS systems
- B. Consolidation of imaging applications and global namespace acceleration
- C. Data at Rest Encryption and high performance storage platform
- D. Deduplication of image data and Data at Rest Encryption

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 52

During initial configuration of a PowerScale cluster, OneFS creates a network using the default internal network interface without a failover option.

What is the default back-end network interface used?

- A. int-a
- B. eth-0
- C. int-b
- D. eth-1

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 53

You are setting up SmartPools and SmartConnect on an Isilon cluster.

Which Microsoft Windows system tool will illustrate the difference in performance experienced by clients connecting to different tiers of storage?

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 54

Which service daemon is used by FTP and FTPS to transfer files to and from the cluster?

- A. sftpd
- B. vsftpd
- C. ftpsd
- D. ftpd

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 55

Which identity mapping methods are supported in PowerScale? (Select all that apply)

- A. Static and dynamic ID mapping policies
- B. User SID to UID mapping for Windows and UNIX integration
- C. Group name matching only for NFS clients
- D. Mandatory Kerberos encryption for all mapped users

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 56

What should be included when defining IP address pools for client access? (Select all that apply)

- A. Protection policy templates
- B. Deduplication policy schedules
- C. Subnet and VLAN information
- D. SmartConnect zone configuration

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 57

Considering Hadoop CDR workflows requiring balanced performance and scalability, which PowerScale node type is recommended?

- A. H600 hybrid nodes
- B. A2000 archive nodes
- C. F200 entry-performance nodes
- D. F900 all-flash nodes

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 58

What accurately defines quorum in an Isilon cluster?

- A. Greater than 40% of the nodes are available
- B. Greater than 50% of the nodes are available
- C. Greater than 66% of the nodes are available
- D. Greater than 33% of the nodes are available

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 59

Which provider supports authentication and lookup facilities for local users and groups that have been defined and are maintained on the cluster?

- A. AD
- B. Local
- C. File

D. NIS

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 60

Why is Iozone commonly used during PowerScale workload validation?

- A. To benchmark file system performance under various I/O patterns
- B. To test and apply operating system patches on PowerScale nodes
- C. To configure access zone-specific load-balancing policies
- D. To simulate antivirus scanning activity across multiple access zones

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 61

You are called into an opportunity and need information on the data skew of the filer. The customer has a supported filer.

Which assessment tool should you use to generate this information?

- A. SupportIQ
- B. Live Optics Workload Analyzer
- C. Workflow Profile
- D. InsightIQ

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 62

Which data access pattern uses moderate prefetching?

- A. Mirroring
- B. Random
- C. Concurrency
- D. Streaming

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 63

Refer to the exhibit.



Your customer has three different clusters. File systems on two of the clusters are at 90% full, and the largest cluster is 10% full. Active data resides on the largest cluster. The customer has five different node types totaling 2PB and 54 nodes. Nodes from left to right are as shown: 1. X200 2. 12000X 3. 36000X 4. NL108 5. 108NL They have a Smartpool license and believe that tiering data would help free up needed space. After talking with the customer and explaining the use of SmartPools, how would you recommend optimizing utilization across all of the nodes that the customer owns?

- A. Go to GUI and put alike nodes in the same pools. Then name them.
- B. Explain to the customer that this will result in data loss.
- C. Borrow nodes to reconfigure the cluster and migrate the data to new cluster.
- D. Attach all nodes to a common Infiniband switch.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 64

As part of a proof of concept, you are investigating disk performance statistics using the "isi statistics" output.

```
kip-6# isi statistics drive --nodes all --long --orderby TimeInQ | head
```

Drive	Type	OpsIn	BytesIn	SizeIn	OpsOut	BytesOut	SizeOut	TimeAvg	Slow	TimeInQ	Queued	Busy	Used	Inodes
LNN:bay		N/s	B/s	B	N/s	B/s	B	ms	N/s	ms		%	%	
8:8	SATA	45.0	1.2M	26K	0.0	0.0	0.0	0.1	0.0	30.9	1.8	1.1	41.7	9.9M
9:11	SATA	87.4	3.2M	37K	0.0	0.0	0.0	0.1	0.0	28.8	2.4	4.0	41.7	9.9M
8:4	SATA	84.8	2.5M	29K	0.0	0.0	0.0	0.1	0.0	25.7	1.5	6.7	38.8	9.8M
6:7	SATA	71.2	2.4M	34K	0.2	1.6K	8.2K	0.1	0.0	25.5	1.4	5.2	40.5	9.8M
10:7	SATA	81.0	2.6M	33K	0.0	0.0	0.0	0.1	0.0	23.7	1.2	7.1	38.8	9.8M
10:8	SATA	70.8	2.6M	37K	0.0	0.0	0.0	0.1	0.0	22.9	1.6	5.1	41.6	9.9M
10:5	SATA	70.6	2.7M	38K	0.4	3.3K	8.2K	0.1	0.0	22.5	1.0	5.1	47.2	9.8M
6:5	SATA	46.2	1.8M	40K	0.0	0.0	0.0	0.1	0.0	22.4	1.0	2.9	40.5	9.8M

After reviewing the "TimeAVG" column shown in the graphic, which information should be provided to the customer?

- A. Protocol layer adds minimal latency
- B. I/O is waiting in the disk scheduler
- C. Disks are heavily used

D. Light-to-moderate disk contention exists

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 65

Which data access patterns best match H500 home directory and A200 archive workloads?

- A. Streaming for H500, Random for A200
- B. Random for both node types
- C. Streaming for both node types
- D. Concurrency for H500, Streaming for A200

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 66

On Isilon Gen 6 nodes, what is used to store the peer journal copy?

- A. M.2 drive
- B. Shared cluster disks
- C. Shared SSD
- D. Shared NVRAM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

Which advantages are provided by SmartDedupe? (Select all that apply)

- A. Inline network packet optimization for client access
- B. Block-level deduplication across multiple directories
- C. Post-process deduplication scheduling to reduce storage footprint
- D. Immediate efficiency gain at file creation time

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 68

What are three benefits of NDMP multistream backup and recovery? (Choose three)

- A. Backup concurrently
- B. Faster backup time
- C. Backup context is retained
- D. Different backup context
- E. Backup sequentially

Answer: A,B,C ([LEAVE A REPLY](#))

NEW QUESTION: 69

What requirements must be determined when sizing a PowerScale solution?

- A. Security Capacity Network
- B. Capacity Performance Network
- C. Performance Security File encryption

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 70

In OneFS 7.2.1, which job engine job will override and pause all other jobs when triggered by an event?

- A. Integrity Scan
- B. Flex Protect
- C. AVScan
- D. Media Scan

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 71

A customer plans to replace an existing array that is supported by the MiTrend Workload Profile Assessment (WPA) service. You receive performance data from the customer and run a WPA report showing the array has 50 TB of usable capacity.

The content consists of four million 6 MB files and 400 million 64 KB files. The customer has a small budget and very limited rack space available in their datacenter. Performance is not a concern because the files are rarely accessed.

Which configuration provides the required usable capacity using N+2:1 protection while requiring the least rack space?

- A. 3 × A3000 nodes
- B. 6 × H500 nodes
- C. 5 × H500 nodes
- D. 3 × F600 nodes

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 72

Your customer purchased an Isilon cluster with eight X400 nodes for Home Directories. Your follow-up discussions have uncovered an opportunity to expand the cluster to support the Legal Department. As you prepare to complete the Workflow Profile Document, you meet with the customer to discuss data protection.

Which key areas should you address?

- A. Protocols (SMB, NFS, FTP, HTTP, HDFS) Authentication and Directory Services Performance and Latency Concerns
- B. Default Cluster Protection Level Backup Windows and Processes Concurrency of user access
- C. Default Cluster Protection Level Additional Directory Level Protections Snapshots and Replication
- D. WORM requirements Network ports for replication Snapshots for user restores

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

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 medi

a. 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.

Codec / Compression	Resolution	H	V	Pixel Aspect Ratio	Frame Rate	Audio Channels	Color Space	Color Sampling	Mbps	MBps	MiBps
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
	SD	720	576	4:3	25	4	YCbCr	4:2:2	75	9.3	9
					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
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
SD		720	576	4:3	25	4	YCbCr	4:2:2	51	6.4	6
					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	4:4:4	880	110	105
							YCbCr	4:2:2	440	55	52
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
	SD				50	2	YCbCr	4:2:0	11	1.4	1
		720	576	4:3	25	2	YCbCr	4:2:0	6	0.7	1
					30	2	YCbCr	4:2:0	5	0.7	1

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. The customer wants to be able to put completed content into a non-editable folder. However, they want to give access to an administrator to delete content if required. What do you recommend to the customer?

- A. SyncIQ with read-only mode
- B. WORM using Compliance mode
- C. SmartLock using Enterprise mode
- D. SmartLock using Compliance mode

Answer: (SHOW ANSWER)

NEW QUESTION: 74

A customer is experiencing problems writing data to their PowerScale cluster. You have checked all network settings and authentication sources. No errors are reported on the cluster.

Which command can the customer use to collect information about network activity, network packets, and network latency?

- A. tcpdump
- B. iostats
- C. netstat
- D. isi statistics

Answer: A (LEAVE A REPLY)

NEW QUESTION: 75

When scheduling jobs that include restripe or mark phases on a PowerScale cluster, which guideline should be followed to avoid resource contention?

- A. Restripe and mark phases automatically avoid resource contention and can run safely at any time.
- B. Schedule restripe and mark phases at different times to prevent interference.
- C. Always run restripe and mark phases with other jobs of priority 1 to maximize resources.
- D. Run restripe and mark phases concurrently to reduce total runtime.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 76

What are typical use cases for SyncIQ and SmartSync? (Select all that apply)

- A. Cross-site disaster recovery replication
- B. Inline data deduplication for file-level redundancy reduction
- C. Data migration between clusters with minimal downtime
- D. Automated WAN optimization for streaming data

Answer: A,C ([LEAVE A REPLY](#))

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NEW QUESTION: 77

The protection level of an Isilon Gen 6 cluster with eight nodes has been set to the default protection level.

How many failures are tolerated without data loss?

- A. Two drives and one node
- B. Three drives or three nodes
- C. Two drives or one node
- D. Two drives in every node

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 78

What considerations apply when implementing SmartLock for compliance workloads? (Select all that apply)

- A. Ensure directory protection levels are set to streaming layout by default
- B. Understand that files in WORM state cannot be deleted or modified until retention expires
- C. Use SmartPools to override retention periods dynamically
- D. Choose between Enterprise and Compliance modes based on regulatory needs

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 79

Your customer needs to store seven million 3 MB files that are rarely accessed but require 1.3 Gbps throughput. Their network interfaces are still limited to 1 Gbps.

Which cluster configuration best meets these requirements?

- A. 3 NL400 nodes
- B. 4 X210 nodes
- C. 5 PowerScale F200 nodes
- D. 3 X410 nodes

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 80

Which security enhancements are gained through ZRBAC compared to standard RBAC? (Select all that apply)

- A. Automatic WORM enforcement on restricted access zones
- B. Guaranteed isolation of network VLANs per access zone
- C. Enforcement of different role sets for different tenants
- D. Ability to delegate administrative tasks to specific access zones

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 81

What is an accurate statement concerning shared journals on node pairs?

- A. When a node boots, it first checks its paired node's resources
- B. Nodes 1 and 3 and nodes 2 and 4 form node pairs
- C. Requires a minimum of 4 nodes
- D. Directly linked through mid-plane of the chassis

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 82

During an NDMP backup restore using ShallowCopy, a version check fails.

Which restore option should you switch to?

- A. DeepCopy
- B. EMCopy
- C. RoboCopy
- D. ComboCopy

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 83

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

- A. 128

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 84

What is the recommended HTTP connection count per node so that the PowerScale cluster performance and client connections are unaffected?

- A. 500
- B. 1,000
- C. 100
- D. 2,000

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 85

Which challenges exist when integrating NDMP backups into existing workflows? (Select all that apply)

- A. Limited parallel stream support for high-performance backup
- B. Complex mapping of multi-access zone environments to backup policies
- C. Requirement for manual deduplication before backups
- D. Dependence on SmartConnect DNS delegation to route NDMP streams

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 86

One of your customers is interested in an Isilon Gen 6 solution. They have provided basic solution requirements, but their security policies do not allow them to perform detailed data collection for infrastructure and workload analysis.

Which tool should you use to design the new Isilon solution?

- A. Sizing Tool
- B. ClarityNow!
- C. Live Optics
- D. Iometer

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 87

What unique value does Live Optics offer during PowerScale workload planning?

- A. Enforcement of WORM compliance for archived datasets
- B. Agentless workload assessment and analysis of existing environments
- C. Automatic VLAN creation for access zones
- D. Continuous node firmware patching and upgrades

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 88

How does OneFS networking support multi-tenancy in a PowerScale cluster?

- A. By limiting each node to a single IP address
- B. By using SmartQuotas to enforce per-tenant capacity limits
- C. Through DataIQ-based application tagging
- D. Through groupnets that separate DNS, authentication, and network settings for different tenants

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 89

An Isilon storage administrator is concerned about capacity after ingesting 200 TB of file data. They recently added more nodes to the cluster and now want to auto-balance it as soon as possible.

The cluster utilization percentages for an average 24-hour period are:

- 45% during 00:00 - 08:59
- 60% during 09:00 - 17:00
- 85% during 17:01 - 23:59

The administrator wants to keep cluster utilization at a minimum.

Which Impact Policy settings should be used to quickly complete the job without impacting the production workload?

- A. Medium, Medium, Low.
- B. High, Medium, Paused.
- C. High, High, Low.
- D. Medium, Low, Low.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 90

How are files smaller than 128 KB protected?

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 91

Refer to the exhibit.

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

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 92

A customer is collecting remote sensor data that must be maintained for future legal challenges. The data will rarely be accessed, and the customer wants to have minimum financial investment. Which PowerScale node should be recommended for this purpose?

- A. H7000
- B. A3000
- C. F900
- D. F200

Answer: B (LEAVE A REPLY)

NEW QUESTION: 93

Which OneFS roles should be assigned to a new local account for login privileges equivalent to 'root' local account?

- A. 'root' level privileges cannot be assigned to any user via 'Membership & Roles'
- B. 'root' level privileges can never be assigned to any user-created accounts
- C. System Admin, Security Admin, and AuditAdmin
- D. All the roles in 'Membership & Roles'

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 94

A healthcare provider is comparing competitor solutions with PowerScale for 800 TB of medical imaging data.

Which capabilities help demonstrate better ROI?

- A. Single filesystem design and virtual capacity for node failures enable 80%+ utilization
- B. Forward Error Correction overhead is 7% lower than traditional RAID
- C. Tiering requires additional arrays
- D. SmartQuotas automatically increases utilization by 50%

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 95

In your second meeting with the customer you ask the following questions about their current unified SAN and NAS platform. "Are you using an application to map users from NFS Exports to SMB shares? Is each site a separate LDAP or AD Domain?"

What functionality are you trying to understand in their environment and what is the comparable feature in Isilon OneFS?

- A. Kerberos Infrastructure and Identity Management
- B. Identity Mapping and Authentication Sources
- C. NFS Export Management and OneFS Cluster Management
- D. User Management and AD Authentication

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 96

A PowerScale cluster is configured with SmartConnect zones using dynamic IP address allocation. Failback is enabled.

If there is a node failure, what happens to the IP address?

- A. IP address is no longer used, and a new connection must be made.
- B. IP address is moved to a new node, and the connection continues.
- C. IP address is moved to a new node, but the connection does not continue.
- D. The client must re-establish the connection to the node.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 97

A customer wishes to back up their Isilon cluster via NDMP using a software package that supports NDMP connectivity. The backup process will require the cluster to create a point-in-time copy of the directory to be backed up.

Which OneFS feature(s) will need to be licensed?

- A. No additional licenses are required
- B. NDMP only
- C. SnapshotIQ and NDMP
- D. SnapshotIQ only

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 98

You are sizing a PowerScale Gen6 cluster for a small organization that is concerned about the availability of the journal during an extended power outage.

What is a consideration when sizing?

- A. Journal is written to nonvolatile storage if power is lost.
- B. Battery life within each node is a limiting factor.
- C. Journal is replicated to all nodes within a chassis.
- D. Journal must be protected by an external UPS.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 99

At a minimum, how many connected and available nodes are required to maintain quorum in a 25- node cluster?

- A. 13
- B. 10
- C. 12
- D. 17

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 100

Which design factors influence directory structure recommendations? (Select all that apply)

- A. Expected file system namespace size
- B. Number of files per directory
- C. Power consumption of node hardware
- D. Antivirus scan schedules

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 101

Match each monitoring tool with its primary use:

1. InsightIQ
2. isi statistics

3. tcpdump/Wireshark

4. Job Engine Options:

- a) Real-time cluster performance metrics
- b) Historical trending and capacity analytics
- c) Packet-level network capture and analysis
- d) Scheduling and throttling background tasks

A. 1 → b, 2 → a, 3 → c, 4 → d

B. 1 → a, 2 → b, 3 → c, 4 → d

C. 1 → c, 2 → b, 3 → a, 4 → d

D. 1 → d, 2 → b, 3 → a, 4 → c

Answer: B (LEAVE A REPLY)

NEW QUESTION: 102

A customer wants to add Unix users to their cluster, and requires that NFS access be faulttolerant.

What would you recommend?

A. Use NFS v4 and dynamic IP addressing with SmartConnect Advanced

B. Use NFS v3 and dynamic IP addressing with SmartConnect Basic

C. Use NFS v3 and dynamic IP addressing with SmartConnect Advanced

D. Use NFS v4 and dynamic IP addressing with SmartConnect Basic

Answer: A (LEAVE A REPLY)

NEW QUESTION: 103

A customer needs to consolidate 300 TB of home directory servers and shared file systems used by development and test groups. A key requirement is to prevent the systems from consuming all free capacity and impacting home directory content.

Which Isilon node configuration should be proposed?

A. X-Series with SmartQuotas

B. S-Series with InsightIQ

C. NL-Series with SmartQuotas

D. X-Series with SmartPools

Answer: (SHOW ANSWER)

NEW QUESTION: 104

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. iostat and fsstat
- B. tcpdump and nfsstat
- C. isi_netlogger and commit
- D. nfsstat and getattr

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 105

A customer is replacing an outdated Linux-based NAS solution and needs workload data to support PowerScale sizing.

Which tool is recommended?

- A. iostat
- B. tcpdump
- C. nfsstat
- D. Live Optics

Answer: (SHOW ANSWER)

NEW QUESTION: 106

Which factor most influences protection overhead when designing a PowerScale solution for small-file workloads?

- A. The number of access zones configured
- B. The SmartConnect advanced license mode
- C. The type of access protocol used (NFS vs SMB)
- D. File size distribution and metadata overhead

Answer: (SHOW ANSWER)

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NEW QUESTION: 107

What is the primary function of SmartLock?

- A. Balancing client connections across node interfaces
- B. Automating RBAC user assignments based on LDAP groups
- C. Providing compliance-grade WORM protection for data retention
- D. Accelerating performance for small-file workloads

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 108

A PowerScale cluster has two ports that are configured per node. Each port is on a different VLAN. Although incoming traffic is evenly distributed, transmitted data from PowerScale uses one port more than the other port.

What could be the cause of this imbalance?

- A. Source-Based Routing is not enabled on the cluster.
- B. Static routes are configured on the less-used port.
- C. Priority of the gateway in the less-used port set too low.
- D. A default gateway was not configured on both ports.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 109

Where does Endurant Cache stage its write cache?

- A. SSD
- B. DRAM
- C. NVRAM
- D. DISK

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 110

In an NFSv3 only environment, what is the recommended limit for active NFSv3 connections, per Isilon node?

- A. 2,500
- B. 500

C. 1,500

D. 1,000

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 111

What form of journaling redundancy is provided by a PowerScale Gen6 cluster?

A. In the event of a node failure, the peer journal is written to nonvolatile storage on the paired node.

B. Each node maintains a copy of the peer journal. The local journal is saved on nonvolatile storage.

C. In the event of a node failure, the peer journal is written to disk on the paired node.

D. Each node maintains a copy of the peer journal. The local journal is saved on battery backed-up storage.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 112

What are the key benefits of SmartConnect advanced licensing? (Select all that apply)

A. Automatic file-tiering to SSD node pools

B. Failover handling for client connections

C. Support for parallel NFS (pNFS) protocols

D. Dynamic load balancing across cluster nodes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 113

What advantage does ZRBAC provide compared to standard RBAC?

A. It converts SMB permissions to UNIX ACLs for multiprotocol access

B. It automatically creates WORM retention settings per directory

C. It delegates administrative privileges specifically to individual access zones

D. It automatically applies SmartConnect failover policies to access zones

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 114

When designing an Isilon cluster for content creation workflows in the Media and Entertainment (M&E) vertical, what type of workflows must you consider?

A. Batch

B. Sequential

C. Small file

D. Random access

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 115

Which feature of InsightIQ helps administrators optimize cluster workload performance?

- A. Real-time adjustment of SmartPools policies
- B. Automated cluster firmware updates
- C. Automated network segmentation for multi-tenancy
- D. Historical performance trending and capacity usage analysis

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 116

Where does SmartCache stage its write cache?

- A. SSD
- B. NVRAM
- C. DISK
- D. DRAM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 117

A company needs to have their data asynchronously replicated. They also need to maintain a daily copy of the data for a week at the target side to enable fast recovery of files. They decide to purchase two Isilon clusters. They do not want to spend money unnecessarily.

Which licenses must they acquire?

- A. SyncIQ license at source cluster only. SnapshotIQ license at source cluster only.
- B. SyncIQ license at target cluster only. SnapshotIQ license at target cluster only.
- C. SyncIQ license at source and target clusters. SnapshotIQ license at source and target clusters.
- D. SyncIQ license at source and target clusters. SnapshotIQ license at target cluster only.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 118

Which OneFS process protects file system structures against corruption using 32-bit CRC checksums?

- A. Dynamic Sector Repair
- B. Media Scan
- C. IntegrityScan
- D. File System Journal

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 119

When conducting high-level interviews with stakeholders of a project, what are the key questions that should be asked?

- A. Which backup application is in use today? What is your change rate? How many clients will connect to the cluster?

- B.** Who are the application owners? How much usable storage is needed? What applications will be accessing the storage? How many users are in your Active Directory?
- C.** How much usable storage are you looking for? What client OS will access this storage? Which applications will access this storage?
- D.** What does your network architecture look like Do you have existing NAS infrastructure? Do you have 10Gb or 1Gb Which applications will access this storage?

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 120

What replication option is NOT supported by SyncIQ?

- A.** Across InfiniBand to secondary local cluster
- B.** Within the same local cluster
- C.** Across WAN to single remote cluster
- D.** Across LAN to secondary local cluster

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 121

A large retail customer is using their PowerScale cluster to store small receipt files.

Which configuration change is recommended to reduce CPU overhead?

- A.** Increase the L2 cache on every node
- B.** Decrease the L3 cache on every node
- C.** Use mirrored protection for small-file workflows
- D.** Set the requested protection level higher than default

Answer: ([SHOW ANSWER](#)**)**

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NEW QUESTION: 122

A customer is evaluating both PowerScale and Pure FlashBlade solutions.

Which protocol is supported by both solutions?

- A.** NFSv3
- B.** FTP
- C.** SMBv3
- D.** HDFS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 123

A healthcare customer is replacing backend PACS storage.

Which PowerScale-based solution best meets cache and archive needs?

- A. ECS object storage for cache and archive
- B. PowerScale A-Series for both cache and archive
- C. PowerScale H-Series for image cache; PowerScale A-Series for image archive
- D. PowerScale H-Series for image cache and archive

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 124

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 65% utilized for their video surveillance operations.

They wish to achieve the following: Upgrade from 1280 x 720 resolution, with a 15 days retention policy, to 2048 x 1536 resolution with a 30 days retention policy.

What is the minimum number of nodes of the same type will you need to add in order to meet the required changes and not exceed 70% raw capacity?

- A. 6 nodes
- B. 14 nodes
- C. 10 nodes
- D. 18 nodes

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 125

A customer has a large, multi-tier PowerScale Gen6 cluster storing home directories and critical file share data.

Which OneFS feature should be used to separate home directories from critical file shares, enabling data archive across a single namespace?

- A. File Filtering
- B. SmartPools
- C. SynclQ
- D. SmartConnect

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 126

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
- B. - Expand the largest and most I/O intensive cluster using SmartFail
- C. - Build a new cluster for consolidation
- D. - Leave the clusters as is - Upgrade drive sizes to meet the customer requirements

Answer: B (LEAVE A REPLY)

NEW QUESTION: 127

How many files can reference a single block within a shadow store?

- A. 512
- B. 32,000
- C. 128
- D. 8

Answer: B (LEAVE A REPLY)

NEW QUESTION: 128

You are designing a cluster for workloads that have a low latency, heavy, random access pattern.

Which node type is designed for this type of workload?

- A. F800
- B. A2000
- C. H5600
- D. A200

Answer: A (LEAVE A REPLY)

NEW QUESTION: 129

A customer needs to be able to periodically monitor their node live performance for ongoing operational tasks as well as during problem analysis. You have recommended they use the isi statistics command to fulfill this need.

What types of statistics and statuses could be displayed with this command?

- A. Protocol status, drive statistics, hardware statistics, node statistics
- B. Node alerts, Job Engine statistics, hardware status, protocol statistics
- C. Drive statistics, node status, protocol alerts, general performance
- D. Node statistics, general status, drive status, hardware statistics

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 130

A customer has a requirement for a new solution to handle their growing storage needs for the next three years.

The environment includes:

- 100 TB of file system data spread across five file systems (growing at ~1 TB/month)
- A large VMware cluster supporting 200 VMs
- A highly transactional database

They want a solution that offers good performance, scalability, manageability, and cost-effectiveness.

Which solution meets these requirements?

- A. Deploy VMAX with FAST VP and a NAS Gateway for all workloads
- B. Deploy VNX Unified platform with FAST Cache for all workloads
- C. Deploy PowerScale for all workloads (DB, VMware, and file systems)
- D. Deploy PowerStore for DB and VMware workloads, and PowerScale for file system data

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 131

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 132

A healthcare provider uses PowerScale for storing patient records, requiring immutable retention for regulatory compliance and data tiering for cost optimization. They also need administrative separation between the research and clinical departments.

Which combination of features best meets these requirements?

- A. SnapshotIQ, SmartQuotas, and default RBAC
- B. SmartDedupe, SmartLock Enterprise mode, and InsightIQ
- C. CloudPools for cloud tiering, RBAC, and antivirus scanning
- D. SmartLock Compliance mode, SmartPools tiering, and ZRBAC

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 133

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

- A. SmartPools Smartconnect Snapshots Space for snapshots
- B. Defining class of service Time of day services ROI and TCO Data retention and backup
- C. Always include 2% SSD SmartPools Smartconnect Snapshots InsightIQ
- D. Workflow management Defining class of service Time of day services RPO and RTO Data retention and backup

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 134

A customer is considering using CloudPools to tier archive data to their on-premises object storage appliance.

If they have 20 files of 1 MB, 2 files of 10 MB, and 4 files of 3 MB, how many CloudPools objects will be created using default chunking?

- A. 28
- B. 52
- C. 26
- D. 336

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 135

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 136

When qualifying a CIFS + Hadoop analytics opportunity, what should be done to understand the customer environment?

- A. Immediately propose a 2 PB configuration and submit for budget approval
- B. Create a cluster configuration with HDFS, NFS, and CIFS preselected
- C. Interview stakeholders on data access, location, and usage

D. Send a sizing spreadsheet to Marketing and request white paper review

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 137

A customer has an SMB file directory with 375 TB of data on the primary cluster with a protection level of N+ 3:1. They want to replicate this directory to the secondary cluster. The customer would like information about the possibility of setting protection levels on the target cluster.

What information can be provided to the customer about the protection level for the target directory?

- A. Controlled by SyncIQ and cannot be altered
- B. Configured separately on the target cluster and must match the source
- C. Configured separately on the target cluster and does not need to match the source
- D. Controlled by SyncIQ and can be altered by the CLI

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 138

Which OneFS feature enables you to host multiple tenants from mutually untrusting AD authentication environments from the same DNS namespace?

- A. SmartQuotas
- B. Access Zones
- C. SmartConnect
- D. Groupnets

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 139

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: ([SHOW ANSWER](#))

NEW QUESTION: 140

Which factor has the greatest impact on protection overhead when deploying a PowerScale solution for mixed small- and large-file workloads?

- A. Default SmartQuotas thresholds
- B. File size distribution and storage layout
- C. Switch port density in the back-end network
- D. Number of access zones configured

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 141

A potential customer uses a solution from an EMC competitor for NFS storage in their main data center. The existing arrays are five years old, and the customer would like to consolidate them into a single new system.

The entire workload is generated by eight Linux hosts connected to the arrays that process video files. The customer informs you they are not able to collect performance information from the existing arrays.

Which tools can capture the workload requirements?

- A. Wireshark and sysstat
- B. netstat and esxtop
- C. MiTrends and netmon
- D. iostat and nfsstat

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 142

A large manufacturing company is an existing Isilon customer with a cluster consisting of four NL400 nodes with 4TB drives. The cluster is using N+2:1 protection level and the file system shows that it is 60% utilized. Home directories and file shares comprise 75% of the existing content and the remainder is inactive deep archive. The company has 1,000 employees using Windows and Mac clients participating in a single Active Directory (AD) forest.

During a meeting with the CIO and Director of IT you discuss the company's recent acquisition - an engineering firm that specializes in Computer Aided Design (CAD). The engineering firm has 400 UNIX workstations that produce technical drawings which are currently stored on another vendor's SAN solution. The all UNIX environment uses NIS for authentication and name resolution. They do not currently use DNS or LDAP. The engineering company has an old storage system that has been experiencing problems and the CIO would like you to migrate the data onto the Isilon cluster. The CIO would like to eliminate all tape and recover the data onto disk.

The CIO is concerned about security of the company's intellectual property, especially with the rapid adoption of mobile devices and external cloud content sharing services such as DropBox, Egnyte, and SugarSync. They would like to implement an alternative that provides external file

sharing and mobile device synchronization while maintaining security control over the company's data.

The Director of IT reports that users are storing non-work related content on the Isilon cluster. They would like to limit the amount of capacity that each user can consume in their home directory and want to ensure you provide the capability to easily visualize which users are over their allotment. The company's Windows users currently leverage Windows Shadow Copy to recover files that have been accidentally deleted. The IT department wants to ensure that Mac and incoming UNIX clients have the same functionality.

The Director of IT also mentions that users are reporting slow response times when browsing their home directories and shared folders. They are concerned that Isilon cannot scale to support their combined requirements.

The customer provides the following environment summary from the engineering firm's recently departed IT staff:

- 20 TB of Home Directory data
- 100 TB of active CAD projects
- 400 TB of archived data stored on tape at an offsite warehouse

What steps would you recommend to the IT Director to allow for collaboration between the engineering company and the manufacturing company?

- A.** Repoint the engineering users to the Active Directory controller Add the users to the appropriate Active Directory security group.
- B.** Set up Access Zones on the Isilon cluster using Active Directory (AD) and NIS authentication. Create directories and apply user group permissions from AD and NIS for each collaboration team.
- C.** Upload a collaboration user csv file into the cluster with usernames and passwords for the collaboration directory.
- D.** Create a new pool for use by the collaboration users. Set up Access Zones on the Isilon cluster using AD and NIS authentication.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 143

Which platforms are supported by CloudPools with the initial OneFS 8.0 release?

- A.** Microsoft Azure, AT&T Synaptic Cloud, and Amazon S3
- B.** AT&T Synaptic Cloud, Microsoft Azure, and Rackspace Cloud Files
- C.** EMC ECS, Amazon S3, Google Cloud Storage, and EMC Isilon
- D.** Amazon S3, Microsoft Azure, EMC ECS, and EMC Isilon

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 144

Match each design component with its purpose:

1. Groupnet
2. SmartConnect Zone

3. Node Architecture

4. File Size Profile

Options:

- a) Determines DNS and authentication scope
- b) Handles client connection load balancing and failover
- c) Impacts node performance sizing and selection
- d) Influences protection overhead and I/O behavior

A. 1 → a 2 → b 3 → c 4 → d

B. 1 → b 2 → a 3 → c 4 → d

C. 1 → a 2 → d 3 → c 4 → b

D. 1 → a 2 → c 3 → b 4 → d

Answer: A (LEAVE A REPLY)

NEW QUESTION: 145

What is the primary purpose of workflow analysis tools like tcpdump and Wireshark in PowerScale environments?

- A. To encrypt client-server traffic automatically
- B. To replicate SMB shares for DR workflows
- C. To capture and analyze network traffic for troubleshooting performance issues
- D. To configure VLAN segmentation

Answer: C (LEAVE A REPLY)

NEW QUESTION: 146

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

Answer: B (LEAVE A REPLY)

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