



E20-555^{Q&As}

Isilon Solutions and Design Specialist Exam for Technology Architects

Pass EMC E20-555 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4lead.com/E20-555.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by EMC
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



**QUESTION 1**

At which level can retention periods be applied with Isilon SmartLock?

- A. Directory
- B. Node
- C. File system
- D. Cluster

Correct Answer: D

QUESTION 2

You have had several meetings with an existing EMC VMAX customer. They have agreed that they would like to review an initial Isilon Solution for unstructured data used by the Product Development Team. All production is managed through a Global Enterprise Resource Planning system based in Germany. They require 600TiB of usable capacity. The File System must be accessible from Windows and Linux High-End Workstations. The files are generally not accessed after 120 days, and they would like automated tiering.

Which questions about architectural integration will impact the solution design?

- A. ?What Enterprise Resource Planning platform are they using in manufacturing? ?What is their Recovery Point Objective? ?What is their Archival Strategy?
- B. ?How many data centers do they have? ?Will their Network Infrastructure support implementing Isilon? ?What Enterprise Resource Planning platform are they using in manufacturing?
- C. ?How many clients will access the File System? ?Will their VDI clients access the Isilon Cluster? ?What is the DR plan for the ERP System?
- D. ?What non-sizing-specific factors in the customer's environment could impede integration of the Isilon solution? ?What applications are they using? ?What are your priorities among performance, scalability, or availability?

Correct Answer: C

QUESTION 3

In an Isilon cluster for N+2 protection, what is the minimum number of nodes?

- A. 3
- B. 5
- C. 6
- D. 9

Correct Answer: B



QUESTION 4

Refer to the exhibit.

Codec / Compression	Resolution	H	V	Pixel Aspect Ratio	Frame Rate	Audio Channels	Color Space	Color Sampling	Mbps	MBps	MiBps
DPX 8 Bit	4K	4096	2160	1.9:1	24	8	RGB	4:4:4	6801	850	811
		3840	2160	16:9	24	8	YUV*	4:4:4	4535	567	541
		3840	2160	16:9	24	8	RGB	4:4:4	6377	797	760
	2K	2048	1556	2.35:1	24	8	RGB	4:4:4	2456	307	293
		2048	1080	1.89:1	24	8	RGB	4:4:4	1708	213	204
		2048	1080	1.89:1	24	8	YUV*	4:4:4	4252	531	507
DPX 10 Bit	4K	4096	2160	1.9:1	24	8	RGB	4:4:4	5443	680	649
		3840	2160	16:9	24	8	YUV*	4:4:4	3402	425	406
		3840	2160	16:9	24	8	RGB	4:4:4	5103	638	608
	2K	2048	1556	2.35:1	24	8	RGB	4:4:4	1967	246	234
		2048	1080	1.89:1	24	8	RGB	4:4:4	1368	171	163
		2048	1080	1.89:1	24	8	YUV*	4:4:4	3190	399	380
DNxHD 440 10 Bit	HD	1920	1080	16:9	30	8	RGB	4:4:4	446	56	53
DNxHD 220 10 Bit	4K	4096	2160	1.9:1	24	8	YCbCr	4:2:2	757	95	90
		3840	2160	16:9	24	8	YCbCr	4:2:2	710	89	85
	2K	2048	1556	2.35:1	24	8	YCbCr	4:2:2	279	35	33
		2048	1080	1.89:1	24	8	YCbCr	4:2:2	196	25	23
	HD	1920	1080	16:9	30	8	YCbCr	4:2:2	229	29	27
		1920	1080	16:9	25	8	YCbCr	4:2:2	192	24	23
		1280	720	16:9	60	8	YCbCr	4:2:2	204	26	24
		1280	720	16:9	50	8	YCbCr	4:2:2	172	21	20
DNxHD 145 8 Bit	4K	4096	2160	1.9:1	24	8	YCbCr	4:2:2	496	62	59
		3840	2160	16:9	24	8	YCbCr	4:2:2	465	58	55
	2K	2048	1556	2.35:1	24	8	YCbCr	4:2:2	185	23	22
		2048	1080	1.89:1	24	8	YCbCr	4:2:2	131	16	16
	HD	1920	1080	16:9	30	8	YCbCr	4:2:2	152	19	18
		1920	1080	16:9	25	8	YCbCr	4:2:2	128	16	15
		1280	720	16:9	60	8	YCbCr	4:2:2	136	17	16
		1280	720	16:9	50	8	YCbCr	4:2:2	115	14	14
DV50 8 Bit	SD	720	576	4:3	25	4	YCbCr	4:2:2	62	7.7	7
	720	486	4:3	30	4	YCbCr	4:2:2	63	7.8	7	
DV25 8 Bit	SD	720	576	4:3	25	4	YCbCr	4:2:2	33	4.1	4
	720	486	4:3	30	4	YCbCr	4:2:2	34	4.2	4	
ProRes 4444 12 bit	4K	4096	2160	1.9:1	24	8	RGB	4:4:4	1275	159	152
		3840	2160	16:9	24	8	RGB	4:4:4	1196	150	143
	2K	2048	1556	2.35:1	24	8	RGB	4:4:4	465	58	55
		2048	1080	1.89:1	24	8	RGB	4:4:4	326	41	39
	HD	1920	1080	16:9	30	8	RGB	4:4:4	380	48	45
		1920	1080	16:9	25	8	RGB	4:4:4	319	40	38
		1280	720	16:9	60	8	RGB	4:4:4	381	48	45
		1280	720	16:9	50	8	RGB	4:4:4	319	40	38
	SD	720	576	4:3	25	4	RGB	4:4:4	115	14	14
		720	486	4:3	30	4	RGB	4:4:4	117	15	14
2K	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

During a requirements gathering meeting, the customer identified a desire to use a codec for editing content that will take up the least amount of space on their Isilon cluster. The content is 1920x1080 HD. Based on the provided list of codecs, which codec would minimize the storage requirement?

- A. DNxHD 145 8 Bit
- B. DPX 8 Bit



- C. ProRes 444 12 Bit
- D. DNxHD 220 10 Bit

Correct Answer: A

QUESTION 5

Where does SmartCache stage its write cache?

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

Correct Answer: D

QUESTION 6

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

Correct Answer: A

QUESTION 7

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

Correct Answer: A



QUESTION 8

In an Isilon environment, which event will avoid Dynamic IP Address reallocation?

- A. Client is added to the cluster
- B. Failure of the back-end network
- C. Node reboot
- D. Cluster split

Correct Answer: D

QUESTION 9

-- 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



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 YCbCr	4:4:4 4:2:2	880	110
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	720	576	4:3	25	2	YCbCr	4:2:0	11	1.4	1
					50	2	YCbCr	4:2:0	11	1.4	1
		720	486	4:3	30	2	YCbCr	4:2:0	6	0.7	1

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



Correct Answer: A

QUESTION 10

-- Exhibit -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.

-- Exhibit -

Which Isilon license options are required to meet the customer's needs?

- A. SnapshotIQ SmartQuotas Syncplicity EE InsightIQ SmartPools
- B. SnapshotIQ SmartConnect Advanced SmartQuotas SyncIQ InsightIQ SmartPools
- C. SnapshotIQ SmartQuotas Syncplicity EE SyncIQ InsightIQ SmartPools
- D. SnapshotIQ SmartQuotas SmartLock SyncIQ InsightIQ

Correct Answer: A

QUESTION 11

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

Correct Answer: C

QUESTION 12

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

Correct Answer: A

QUESTION 13

A customer plans to consolidate 200 TB of digital images and video content. Performance is important for recently created files. However, the customer wants any content that has not been accessed within 30 days to be stored in the cluster at a much lower cost because performance is no longer critical. Which Isilon configuration should be recommended?

- A. X-Series nodes, NL-Series nodes, and SmartPools



- B. X-Series nodes and SmartQuotas
- C. S-Series nodes, X-Series nodes, and SmartPools
- D. NL-Series nodes and SmartLock

Correct Answer: A

QUESTION 14

A hospital is considering using Isilon to store their archived medical images and Genomic Sequencing data. They currently have 56 TB of PACS images and 24 TB of genomic data, and expect to double their capacity requirements this year. They will replicate to a DR cluster, and plan to use N+2 protection. The production workload needs to be run at either site.

Which minimum cluster configuration, at each site, including software, would meet this customer's environment?

- A. Five X400 (2 TB drives) nodes with SyncIQ.
- B. Four NL400 (3 TB drives) nodes with SyncIQ.
- C. Seven X200 (3 TB drives) nodes with SyncIQ and SnapshotIQ
- D. Five X400 (2 TB drives) nodes with SnapshotIQ.

Correct Answer: A

QUESTION 15

A customer is looking for a NAS solution to support their read-intensive application.

This solution must meet the following requirements: 1000 users Aggregate bandwidth of 5 GB/s 500 TB of user data Typical latency of 5 ms.

The files are distributed evenly across 10 directories.

Which cluster configuration would best meet these requirements?

- A. Seven X400 (108 TB) nodes with no SSD
- B. Eight NL400 (96 TB) nodes with 1.6 TB SSD
- C. Eight X400 (96 TB) nodes with 1.6 TB SSD
- D. Twenty-five X200 (30 TB) nodes with 800 GB SSD

Correct Answer: B

QUESTION 16

A potential customer is considering replacing a four year old, Linux-based NFS server with 40TB of usable capacity. The



existing system supports home directories, an internal website, and a content repository for the customer's content management system. The customer is concerned about performance of any new solution because they expect to double workload in the content management system.

What tools can be used to collect performance data needed to size the new solution?

- A. iostat and nfsstat
- B. Perfmon and sysstat
- C. Isi statistics and Wireshark
- D. Syslog and vmstat

Correct Answer: A

QUESTION 17

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

Correct Answer: A

QUESTION 18

You are helping a customer create a cost-effective Isilon solution. The customer environment includes high IOPS-intensive, random access file-based applications. Which Isilon storage node type will meet the customer's needs?

- A. S-Series
- B. NL-Series
- C. X-Series
- D. Performance Accelerator

Correct Answer: A

QUESTION 19

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

Correct Answer: A

QUESTION 20

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

Correct Answer: B

QUESTION 21

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.

Correct Answer: A

**QUESTION 22**

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

Correct Answer: B

QUESTION 23

You get a call from a customer that has just added 200 user connections to the cluster. They want to know how fast they are writing data with these new users.

What tool would you use to gather this information?

- A. InsightIQ
- B. Network Monitor
- C. Wireshark
- D. Watch4net

Correct Answer: A

QUESTION 24

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 Quota. Increase to 1400 GB User Quota. Increase to 1000 GB on Subdirectory2
- B. User Quota. Decrease to 650 GB on Subdirectory2 Directory1 Quota. Decrease to 1650 GB
- C. User Quota. Decrease to 400 GB on Subdirectory1 Directory1 Quota. Increase to 1650 GB
- D. Directory1 Quota. Increase to 1350 GB User Quota. Decrease to 1000 GB on Subdirectory1

Correct Answer: A

QUESTION 25

An administrator recently installed InsightIQ to gather cluster statistics, and wants to look at file system usage (such as the number of files in a directory). However, currently no file system statistics are displayed in InsightIQ after 24 hours. Use of the cluster is moderate, and occurs 24 hours per day.

What job for InsightIQ should the administrator modify to successfully report these statistics?

- A. Change priority to 1 and job impact to High for Collect
- B. Change priority to 4 and job impact to Medium for FSAnalyze
- C. Change priority to 7 and job impact to Medium for SmartPools
- D. Change priority to 3 and job impact to Low for MultiScan

Correct Answer: B

QUESTION 26

A Media and Entertainment company is considering changing from 2K resolution to 4K resolution. They will continue to use the DNxHD 220 codec.

Assuming everything else stays the same, how will this change affect storage?

- A. Storage will be half as large
- B. Storage requirements will not change
- C. Storage will be twice as large



D. Storage will be four times as large

Correct Answer: B

QUESTION 27

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 five node Isilon cluster. They have enabled the Hadoop cluster to access the files directly. 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. 1
- B. 5
- C. 10
- D. 15

Correct Answer: B

QUESTION 28

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

Correct Answer: C

**QUESTION 29**

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

Correct Answer: C

QUESTION 30

A potential customer has 540TB Raw capacity of NetApp running in ONTAP 7-Mode. They are willing to let you gather some workload data. Their authentication sources are LDAP and Active Directory. Their users are 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 tool(s) would you use next to complete your sizing?

A. MiTrend WPA, Autosupport, and PerfCollect

B. Isilon Cluster Sizing Tool

C. Wireshark, isi statistics, and iostat

D. Isilon Insight IQ, OnCommand Insight, and nfsstat

Correct Answer: A

QUESTION 31

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

Correct Answer: A

**QUESTION 32**

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

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

Correct Answer: A

QUESTION 33

Which node type provides CPU, memory, and Fibre Channel connectivity?

- A. Backup Accelerator
- B. Performance Accelerator
- C. X-Series
- D. NL-Series

Correct Answer: A

QUESTION 34

An Isilon customer has two 5-node clusters, one for production and one for disaster recovery (DR). The customer's workflow is a SmartLock workflow and is replicated to the DR cluster through SyncIQ on an individual schedule. The customer needs to shutdown their production cluster for scheduled maintenance.

Assume both clusters have identical shares, exports, user authentication, and that the client applications have been stopped and the DNS re-pointed. What is the correct method to start operations on the DR cluster?

- A. Initiate Manual Failover of the SyncIQ Policy
- B. Initiate Automated Failover of the SyncIQ Policy
- C. No change to the SyncIQ Policy
- D. Revert the SyncIQ Policy

Correct Answer: B

QUESTION 35

Your customer has an existing Isilon cluster with seven X200 nodes. The cluster is used to store home directories and departmental shared folders. They are planning to deploy a new application that generates small block, synchronous



writes.

Which OneFS 7 capability can help reduce latency for the new workload?

- A. Endurant Cache
- B. L2 Cache
- C. Solid State Drives
- D. Prefetcher

Correct Answer: A

QUESTION 36

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 1Gbps.

Which cluster configuration would best meet the customer's requirements?

- A. 3 NL400 nodes
- B. 3 X400 nodes
- C. 4 X200 nodes
- D. 5 S200 nodes

Correct Answer: D

QUESTION 37

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.

Correct Answer: A



QUESTION 38

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

Which node type is recommended?

- A. Performance Accelerator nodes
- B. NL-Series nodes
- C. X-Series nodes
- D. S-Series nodes

Correct Answer: A

QUESTION 39

Refer to the exhibit.



You are analyzing a customer's existing Isilon environment using InsightIQ in order to expand the cluster. When examining the protocol data, you see the output as shown.

What does the data tell you about the workload?

- A. It is mostly sequential reads
- B. It uses large read requests
- C. It is metadata intensive
- D. It contains mostly random writes

Correct Answer: C



QUESTION 40

An Isilon customer wants to more effectively manage their storage and thereby achieve performance improvements. Which tool will help improve workflow performance on their cluster?

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

Correct Answer: A

[E20-555 PDF Dumps](#)

[E20-555 Exam Questions](#)

[E20-555 Braindumps](#)



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase

24x7 Customer Support

Average 99.9% Success Rate

More than 800,000 Satisfied Customers Worldwide

Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.pass4lead.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.

To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.

All trademarks are the property of their respective owners.

Copyright © pass4lead, All Rights Reserved.