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Exam : **E20-553**

Title : Isilon Infrastructure Specialist Exam for Technology Architects

Version : Demo

1.A customer is looking for a new storage solution to handle their growing storage requirements. The system should be able to cover storage needs for the next three years. The environment consists of 100 TBs of file system data spread across five file systems. On average, the file systems grow 1 TB a month. In addition, they have a large VMware cluster supporting 200 VMs and a highly transactional database. The customer is looking for a solution that would provide good performance, scalability, manageability, and be cost-effective. The sales team is looking to you to recommend a solution.
Which recommendation will meet the customer’s requirements?
A. Isilon for file system data, and a VNX for DB and VMware workloads
B. Isilon cluster and scale-out as required
C. VNX Unified platform with FAST Cache
D. VMAX with FAST VP and a NAS Gateway
Answer: A

2.If a file is 4 KB in size, how much space is consumed for file data when it is written to the Isilon cluster?
A. 4 KB
B. 8 KB
C. 16 KB
D. 32 KB
Answer: B

3.A customer wants to consolidate approximately 300 TB of home directory servers and shared file systems used by development and test groups. A key requirement is to prevent the development and test systems from consuming all free capacity and impacting home directory content.
Which Isilon configuration should be proposed?
A. X-Series nodes with SmartQuotas
B. NL-Series nodes with SmartQuotas
C. S-Series nodes with InsightIQ
D. X-Series nodes with SmartPools
Answer: A

4.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
Answer: A

5.You are assisting a customer with creating an Isilon solution that will address their needs while remaining cost-effective. The customer environment consists entirely of archive data. The data in their enterprise produces very little I/O and is only occasionally accessed.
Which Isilon storage node type will meet the customer's needs?

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

6.You are assisting a customer with creating an Isilon solution that will address their needs while remaining cost-effective. The customer environment consists of high IOPS-intensive, random access file-based applications.
Which Isilon storage node type will meet the customer's needs?
A. S-Series node
B. NL-Series node
C. X-Series node
D. Performance Accelerator node
Answer: A

7.Which node type adds CPU, memory, and Fibre Channel connectivity?
A. Backup Accelerator node
B. Performance Accelerator node
C. X-Series node
D. NL-Series node
Answer: A

8.Which Isilon OneFS job is responsible for examining the entire file system for inconsistencies and runs manually?
A. IntegrityScan
B. MediaScan
C. AutoBalance
D. FlexProtect
Answer: A

9.In a supported cluster with the maximum protection level, how many simultaneous node component failures can Isilon OneFS sustain while still allowing full access to the entire file system and dataset?
A. 1
B. 2
C. 3
D. 4
Answer: D

10.A customer wants an N+3 protection level on a cluster.
What is the minimum number of nodes that needs to be purchased to achieve that level of protection?
A. 3
B. 6
C. 7

D. 8
Answer: C

11.Which technology is used by Isilon OneFS to re-write data when a disk read fails?
A. Dynamic Sector Repair
B. NVRAM
C. Isilon Data Integrity
D. CRC
Answer: A

12.Which Isilon job periodically checks disk sectors to ensure they can be read?
A. MediaScan
B. IntegrityScan
C. Dynamic Sector Repair
D. Isilon Data Integrity
Answer: A

13.Which Isilon job periodically validates the checksum of every block in the file system?
A. IntegrityScan
B. MediaScan
C. Dynamic Sector Repair
D. Isilon Data Integrity
Answer: B

14.Which Isilon feature provides the ability to separate administrative rights from data access rights?
A. RBAC
B. SmartConnect
C. SmartLock
D. SmartQuota
Answer: A

15.Which methods of Isilon OneFS administration are enforced by RBAC?
A. Platform API, command line, and web administration interface
B. Command line, InsightIQ, and web administration interface
C. SNMP and web administration interface
D. Command line, web administration interface, and SNMP
Answer: A