

EMC

Exam E05-001

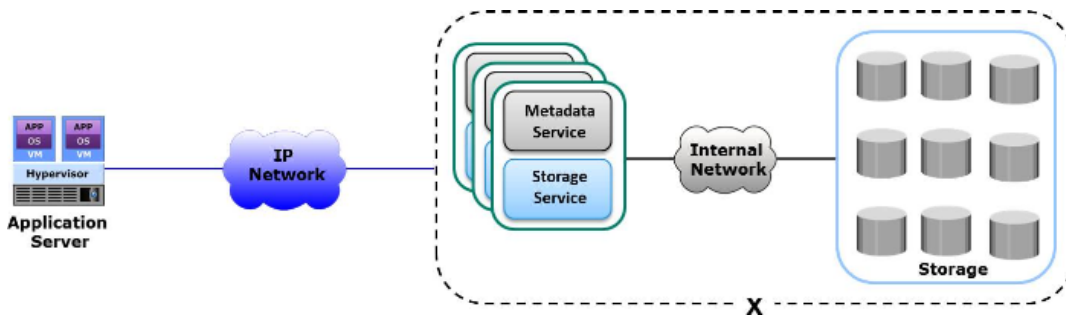
Information Storage and Management Version 3 Exam

Version: 6.0

[Total Questions: 171]

Question No : 1

Which type of storage device does the “X” represent in the exhibit?



- A. Object-based
- B. Block-based
- C. File-based
- D. Unified-based

Answer: A

Question No : 2

An organization plans to deploy a new application in their environment. The new application requires 3 TB of storage space. During peak workloads, the application is expected to generate 2450 IOPS with a typical I/O size of 2 KB. The capacity of each available disk drive is 500 GB. The maximum number of IOPS a drive can perform at with 70percent utilization is 90 IOPS.

What is the minimum number of disk drives needed to meet the application’s capacity and performance requirements given a RAID 0 configuration?

- A. 6
- B. 16
- C. 25
- D. 28

Answer: D

Question No : 3

What accurately describes the function of the policy engine in a file-level storage tiering environment?

- A. Facilitates moving data from primary storage to secondary storage based on pre-defined policies
- B. Creates a stub file in secondary storage pointing to data on the primary storage
- C. Ensures that primary and secondary storage have identical data for compliance
- D. Runs the backup agent and determines the files to be copied to the secondary storage

Answer: A

Question No : 4

Which type of digital data consists of textual data with inconsistent formats but can be formatted with the use of software tools?

- A. Quasi-structured data
- B. Semi-structured data
- C. Metadata
- D. Unstructured data

Answer: A

Question No : 5

Which cloud computing characteristic enables multi-tenancy and abstracts the location of provided resources?

- A. Resource pooling
- B. Measured service
- C. Rapid elasticity
- D. Broad network access

Answer: A

Question No : 6

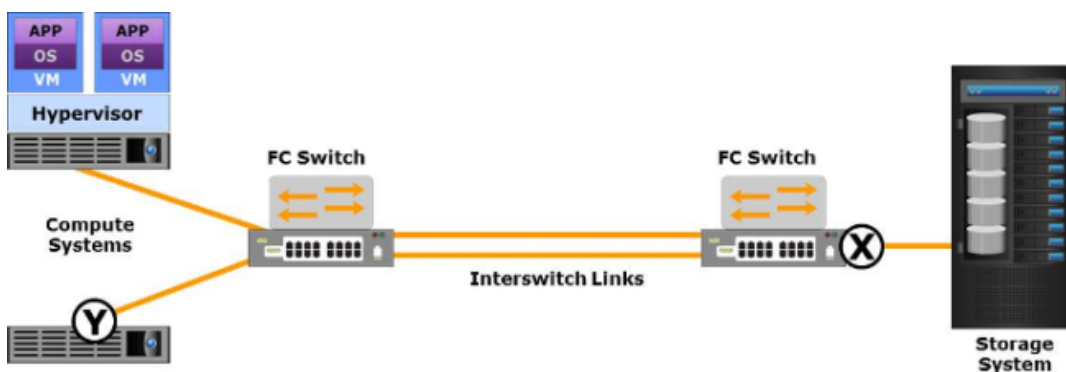
What is an accurate statement about infrastructure discovery?

- A. Creates an inventory of infrastructure components and provides information about the components
- B. Standardizes on-going infrastructure management activities and assesses potential risks of the activities
- C. Classifies, organizes, and analyzes all infrastructure management best practices stored in data lakes
- D. Detects potential security attacks on a storage infrastructure and deploys specialized tools to eliminate the attacks

Answer: A

Question No : 7

Which type of Fibre Channel (FC) ports do the labels "X" and "Y" represent in the exhibit?



- A. X is an E_Port and Y is an F_Port
- B. X is an F_Port and Y is an N_Port
- C. X is an N_Port and Y is an E_Port
- D. X is an N_Port and Y is an F_Port

Answer: B

Question No : 8

What is a function of a Fibre Channel Forwarder in an FCoE SAN?

- A. Applies zoning configurations and provides fabric services

- B. Transfers FCoE traffic over an FC SAN
- C. Encapsulates IP packets into FC frames
- D. Provides both NIC and FC HBA functionality

Answer: A

Question No : 9

Which component is required for a “recovery-in-place” backup approach?

- A. Disk-based backup target
- B. Agent-based backupclient
- C. NDMP server
- D. Data deduplication server

Answer: A

Question No : 10

Which attack is carried out by sending a spoofing e-mail and redirecting a user to a false website?

- A. Phishing
- B. Man-in-the-middle
- C. Denial-of-service
- D. Repudiation

Answer: A

Question No : 11

What is enabled by the N_Port ID virtualization (NPIV)?

- A. A single physical N_Port to obtain multiple FC addresses
- B. A single virtual N_Port to act as a physical Ethernet port
- C. A virtualization layer to map virtual volumes to LUN IDs
- D. A single physical N_Port to act as a virtual HBA port

Answer: A

Question No : 12

Which global addressing does the REST application programming interface use for the discovery of a storage service?

- A. Uniform Resource Identifier
- B. Namespace
- C. Extensible Markup Language
- D. Controller-provided MAC address

Answer: A

Question No : 13

A start-up company with a limited budget is planning to adopt a hybrid cloud solution for their operations. The company has business-critical applications that serve customers and have strict service levels. In addition, the company has less critical applications such as backup and archive.

Which hybrid cloud strategy should be recommended to the company?

- A. Deploy the business-critical applications on an externally-hosted private cloud.
Deploy the less critical applications on a public cloud.
- B. Deploy the business-critical applications on an on-premise private cloud.
Deploy the less critical applications on an externally-hosted private cloud.
- C. Deploy the business-critical applications on an on-premise private cloud.
Deploy the less critical applications on a public cloud.
- D. Deploy the business-critical applications on an externally-hosted private cloud.
Deploy the less critical applications on an on-premise private cloud.

Answer: A

Question No : 14

What is a benefit of using converged infrastructure for building a data center?

- A. Reduces the time to acquire and deploy the infrastructure
- B. Provides the flexibility to purchase individual IT components
- C. Integrates existing IT components into the infrastructure
- D. Offers the flexibility to change vendors and prevent vendor lock-in

Answer: A

Question No : 15

What is an accurate statement about the Common Internet File System (CIFS) protocol?

- A. Enables a CIFS server to maintain connection information regarding every connected client
- B. Uses a Remote Procedure Call mechanism to provide access to the CIFS supported file systems
- C. Contains an open variation of the stateless user datagram protocol that stores information about open files
- D. Uses file system locking to enable users to simultaneously overwrite all metadata of a file system

Answer: A

Question No : 16

What contains the information about backup configuration and backup metadata?

- A. Backup catalog
- B. Proxy server
- C. Tracking database
- D. Backup image

Answer: A

Question No : 17

Which EMC product provides a software-defined storage platform that supports object storage services?

- A. Elastic Cloud Storage
- B. ViPR Controller
- C. ScaleIO
- D. XtremIO

Answer: A

Question No : 18

What is an advantage of a software-based object storage implementation?

- A. Provides the flexibility to reuse the existing infrastructure
- B. Requires less storage capacity to store a large number of objects
- C. Provides the flexibility to create more than one object ID for an object
- D. Requires less hardware to support scalable architecture

Answer: A

Question No : 19



What is an accurate statement about three-way NDMP backup in a NAS environment?

- A. Backup data is sent directly from NAS to the backup device
- B. Backup data is sent to the backup device through the application servers
- C. A dedicated backup device is required for each NAS
- D. All NAS systems should have the same operating environment

Answer: A

Question No : 20

A system has three components and all three components need to be operational for 24 hours; Monday through Friday. During a particular week, failure of component 1 occurred as follows:

-  Tuesday = 8 AM to 11 AM
-  Thursday = 8 PM to 10 PM

✍ Friday = 5 AM to 9 AM

What is the mean time between failures on component 1 for that week?

- A. 3 hours
- B. 37 hours
- C. 40 hours
- D. 53 hours

Answer: B

Question No : 21

Which part of the Fibre Channel (FC) frame does the label "X" represent in the exhibit?



- A. Frame Header
- B. CRC
- C. SOF
- D. Data Field

Answer: A

Question No : 22

Which EMC block-based storage system uses a cluster design to scale both capacity and performance?

- A. XtremIO
- B. Isilon
- C. XtremSF
- D. ScaleIO

Answer: A

Question No : 23

What enables an administrator to create device groups in an IP-SAN for restricting device communications to a group?

- A. iSNS discovery domain
- B. NIC teaming
- C. Demilitarized zone
- D. Security identifier

Answer: A

Question No : 24

What is an accurate statement about an integrated NAS controller?

- A. Contains a specialized operating system dedicated to file serving
- B. Stripes data across multiple NAS systems for data protection
- C. Abstracts and pools NAS controllers across multiple NAS systems
- D. Contains an FC Forwarder that is optimized for file sharing functions

Answer: A

Question No : 25

Which component of a software-defined storage (SDS) environment enables integration with external monitoring tools?

- A. REST API
- B. Metadata service
- C. SDS web service
- D. Storage agent

Answer: A

Question No : 26