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**Exam** : **DEA-1TT5**

**Title** : Associate - Information  
Storage and Management  
Exam

**Vendor** : EMC

**Version** : DEMO

**NO.1** What accurately describes an attack vector in an IT infrastructure?

- A. Series of steps that must be followed in order to complete an attack
- B. Various entry points that can be used to launch an attack
- C. Amount of effort required to exploit vulnerabilities in the infrastructure
- D. Process of identifying the system components under attack

**Answer:** A

**NO.2** What is an accurate statement about a virtual machine (VM) snapshot?

- A. Captures the state and data of a running VM at a specific point-in-time
- B. Provides the capability to delete the parent VM once the snapshot is created
- C. Runs as an independent copy from the parent VM
- D. Provides the capability to restore VM data to any point-in-time

**Answer:** A

**NO.3** When using the erasure coding technique in an object-based storage system, data is divided into

12 data segments and 4 coding segments.

What is the maximum number of disk drive failures against which data is protected by the configuration?

- A. 3
- B. 4
- C. 8
- D. 12

**Answer:** B

Explanation:

Since there are 4 coding segments, so they protect 4 failures.

**NO.4** Drag and Drop Question

Match the types of attack with their respective description.

Attack Types

Description

Denial-of-Service
Phishing
Man-in-the-Middle
Hyperjacking

Sends a spoofing email containing a link(s) to a fraudulent website
Installs a rogue hypervisor that takes control of a compute system
Prevents legitimate users from accessing resources or services
Eavesdrops on the network to capture credentials

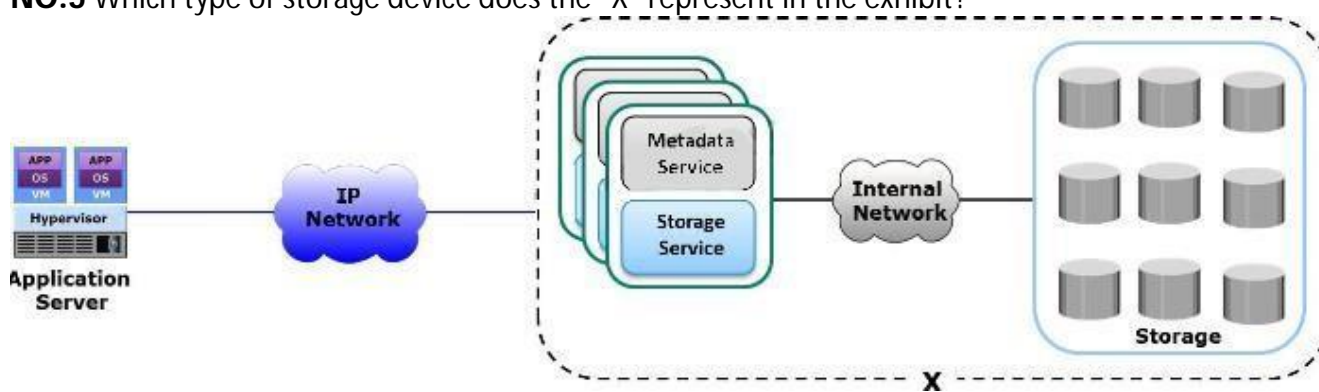
**Answer:**

## Attack Types

## Description

Phishing
Hyperjacking
Denial-of-Service
Man-in-the-Middle

**NO.5** 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

**NO.6** An organization plans to deploy a deduplication solution by retaining their legacy backup application. They are concerned about the application servers' performance and a long backup window during backups.

Which deduplication solution(s) should be recommended to the organization?

- A. Post-process
- B. Source-based global deduplication
- C. Variable-length segment and source-based
- D. Fixed-length block and source-based

**Answer:** A

**NO.7** 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

**NO.8** What is an accurate statement regarding virtual LANs?

- A. Provides software level connectivity and maintains physical LAN transport paths
- B. Provides hardware level connectivity and maintains physical LAN transport paths
- C. Supports Fibre Channel network transport data security
- D. Supports one or more logical LANS operating over a single physical LAN

**Answer:** D

Explanation:

A VLAN is a logical network that is created within a single physical LAN. This allows multiple networks to coexist on a single physical LAN, without interfering with each other. VLANs can be used to improve security, performance, and manageability.

**NO.9** A company's assets are continuously under attack.

To deploy a security control mechanism to protect these assets, what should be considered?

- A. Minimize the work factor
- B. Easy access to assets by authorized users
- C. Limited access to assets by unauthorized users
- D. Maximize the attack surface

**Answer:** B

**NO.10** What is a benefit of using the FCoE storage protocol?

- A. Fewer physical Fibre Channel and Gigabit Ethernet switches are required.
- B. Fewer physical storage systems are required when using FC SAN and iSCSI enabled storage systems.
- C. Fewer physical host Ethernet network adapters are required when using CNA adapters.
- D. Fewer physical storage systems are required when using FC SAN and FCoE enabled storage systems.

**Answer:** B

**NO.11** 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:** C

Explanation:

FCF functions as the communication bridge between CEE and FC networks

- Encapsulates and decapsulates FC frames

**NO.12** What is a benefit of deploying a Defense in Depth strategy?

- A. Provides additional time for organizations to detect and respond to an attack
- B. Eliminates the attack vector from the IT infrastructure
- C. Eliminates the attack surface from the IT infrastructure

D. Enables organizations to deploy a unified security solution

**Answer:** A

**NO.13** 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

**NO.14** Which Converged Network Adapter (CNA) component encapsulates Fibre Channel (FC) frames into Ethernet frames?

A. PCIe Bus

B. Fibre Channel HBA

C. Fibre Channel Forwarder

D. FCoE ASIC

**Answer:** B

**NO.15** Which product enables employees to enroll their mobile devices in an enterprise environment and ensures secure access from the devices to the enterprise resources?

A. Dell PowerEdge

B. Dell InTrust

C. VMware AirWatch

D. VMware AppDefense

**Answer:** C

**NO.16** What accurately describes the scale-out storage architecture?

A. Scales the capacity only within a single storage system.

B. Provides a fixed capacity ceiling that limits scalability beyond a storage system.

C. Provides the capability to maximize its capacity by adding nodes to the cluster.

D. Restricts scalability to the limits of the storage controllers.

**Answer:** C

**NO.17** In an archiving environment, how is a content address created in a content addressable storage (CAS) system to store an object?

A. From the metadata of an object.

B. By using the logical address of the memory space.

C. From the binary representation of an object.

D. By using the physical address of the storage device.

**Answer:** C

Explanation:

CAS stores user data and its attributes as an object. The stored object is assigned a globally unique

address, which is known as a content address (CA). This address is derived from the binary representation of an object. Content addressing eliminates the need for application servers to understand and manage the physical location of objects on a storage system.

**NO.18** A company plans to deploy a new application in their environment. The new application requires

5 TB of storage space. During peak workloads, the application is expected to generate 3000 IOPS with a typical I/O size of 3 KB. The capacity of each available disk drive is 750 GB. In addition, the maximum number of IOPS a drive can perform at with a 70% utilization is 90 IOPS.

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

- A. 7
- B. 34
- C. 50
- D. 40

**Answer:** A

**NO.19** What is an accurate statement about governance?

- A. Creates the policies and enforces their adherence
- B. Ensures removal of data security vulnerabilities
- C. Determines strategy and operational rules by which companies are directed and managed
- D. Restricts access privileges to certain legitimate users to avoid IT managed resource conflicts

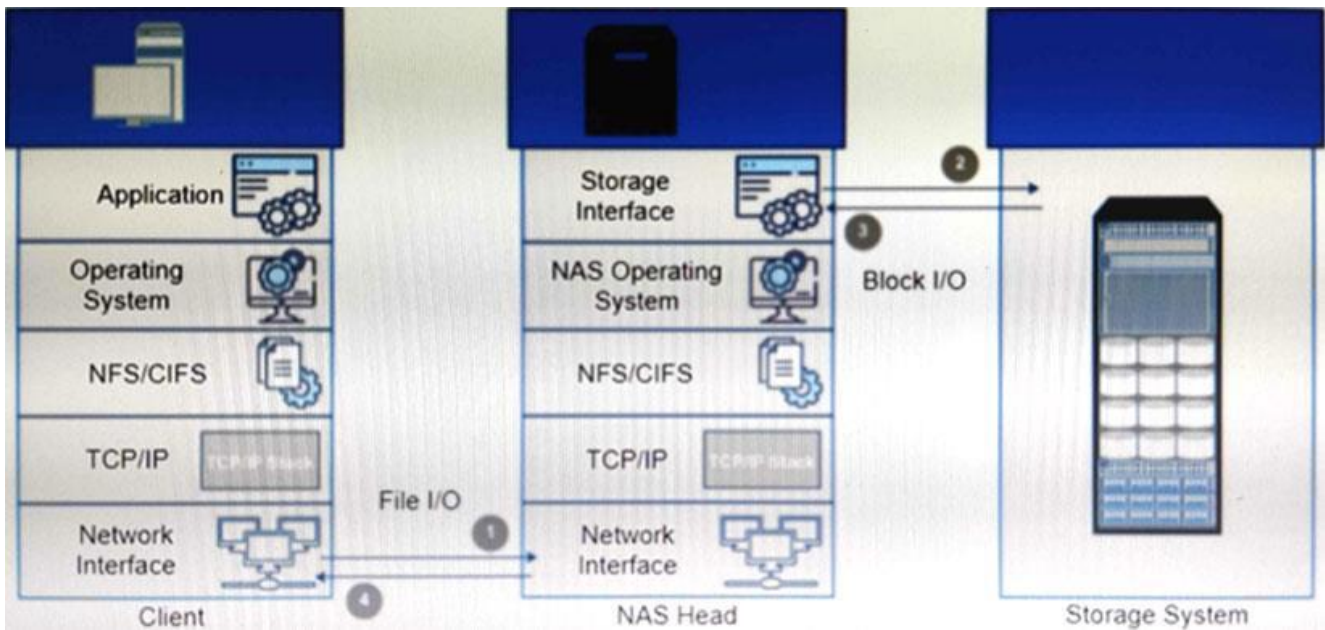
**Answer:** C

**NO.20** What accurately describes the flow control mechanism in an FC SAN?

- A. Both transmitting and receiving ports agree on the number of buffers available during port login
- B. Negotiation occurs between an E\_Port and an F\_Port, and between two N\_Ports
- C. Credit value is incremented when a frame is transmitted and decremented upon receiving a response
- D. Receiver Ready (R\_RDY) is sent from the receiving port if available credits reach zero

**Answer:** A

**NO.21** Refer to the exhibit. What type of NAS system(s) processes file write and read operations as described in the example?



- A. Scale-up and integrated NAS systems
- B. Scale-up NAS system only
- C. Scale-out NAS system
- D. Integrated NAS system only

**Answer:** A

**NO.22** Why is it important to automate the operations management process in a data center environment?

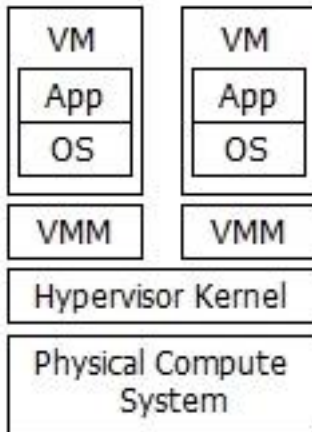
- A. converts CAPEX to OPEX
- B. mitigates operation management risks
- C. eliminates operational cost
- D. ensures operational agility

**Answer:** B

**NO.23** Which exhibit represents a Type 1 hypervisor?

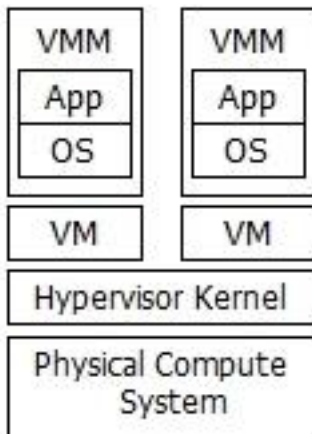
- A.

Exhibit 1:



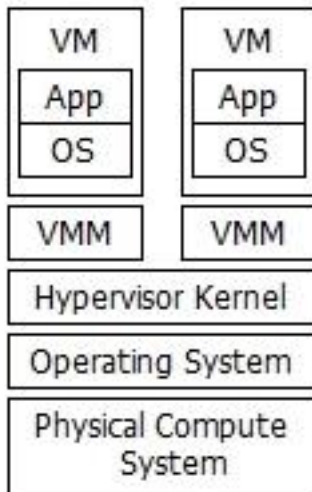
B.

Exhibit 2:



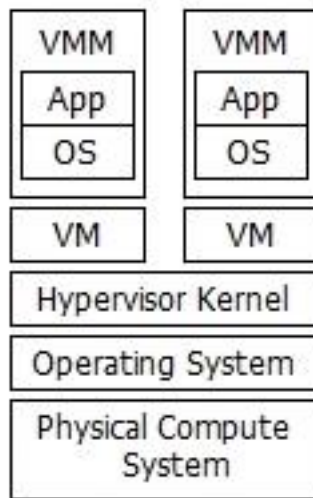
C.

Exhibit 3:



D.

Exhibit 4:

**Answer:** A

**NO.24** A Fibre Channel switch has eight ports and all ports must be operational from 6 AM to 6 PM, Monday through Friday.

However, a failure of Port 4 occurs with the week as follows:

Monday= 11 AM to 1 PM

Wednesday= 5 PM to 10 PM

Thursday= 7 AM to 10 AM

Saturday= 11 AM to 1 PM

What is the availability of Port 4 in that week?

**A.** 80%

**B.** 86.7%

**C.** 90%

**D.** 81.6%

**Answer:** B

**NO.25** An Ethernet switch has eight ports and all ports must be operational for 24 hours; from Monday through Friday. However, a failure of Port 5 occurs as follows:

- Tuesday = 6 AM to 7 AM

- Thursday = 5 PM to 9 PM

- Friday = 8 AM to 9 AM

What is the MTBF of Port 5?

**A.** 30 hours

**B.** 32 hours

**C.** 40 hours

**D.** 38 hours

**Answer:** C

**NO.26** Why is it important for organizations to store, protect, and manage their data?

- A. To reduce the amount of data to be replicated, migrated, and backed up
- B. To develop and deploy modern applications for business improvement
- C. To eliminate complexity in managing the data center environment
- D. To meet the requirements of legal and data governance regulations

**Answer:** D

**NO.27** A customer uses FCIP to connect local and remote FC SANs. The remote SAN is continuously replicated to, and used to store daily backup data. Latency over the IP WAN increases to unacceptable levels during peak replication periods. No other data transfer services using the WAN experience the same latency problem.

What is the likely cause of the data replication performance issue?

- A. Ethernet frame segmentation
- B. FCIP gateway FC ports set to TE\_Port mode
- C. IP packet segmentation
- D. FCIP gateway FC ports set to EX\_Port mode

**Answer:** C

**NO.28** What is determined by the amount of space configured for the journal in continuous data protection (CDP) replication?

- A. Length of time required to recover the data
- B. Length of time the recovery points can go back
- C. Amount of data that can be restored to a specific point
- D. Amount of space the source and replica volumes require

**Answer:** D

**NO.29** A company has virtualized their data center and wants to deploy a recovery-in-place backup approach.

What is the advantage of this type of approach?

- A. Acquires backup services through a self-service portal
- B. Eliminates the backup impact on the application servers
- C. Reduces the recovery point objective to restore the data to any previous point-in-time using backed up VMs
- D. Eliminates the need to transfer the image from the backup device to the primary storage before it is restarted

**Answer:** D

**NO.30** What is a key benefit for deploying a remote data protection and recovery solution in a data center environment?

- A. Maximizes application and information availability
- B. Reduces required maintenance time for IT resources
- C. Avoids security risks that exposes the business data
- D. Reduces the cost of protecting data

**Answer:** B

**NO.31** 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