

**E05-001**

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**E05-001**

**Information Storage and Management Version 3 Exam**

**A**

**QUESTION 1**

What is an accurate statement about a hybrid cloud?

- A. Supports data and application portability for load balancing between clouds
- B. Allows organizations with common concerns to share the cost of deploying the cloud
- C. Enables the entire cloud infrastructure to be controlled by the consumer's IT staff
- D. Allows an organization to outsource the implementation of a private cloud to a cloud provider

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 2**

What is an accurate statement about Software as a Service?

- A. Consumer has limited control over user-specific application configuration settings
- B. Consumer has control over the operating systems and deployed applications
- C. Consumer has control over the configuration settings of the application-hosting environment
- D. Consumer has limited control over select networking components, such as host firewalls

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 3**

Which cloud service does VMware vCloud Air provide?

- A. Infrastructure as a Service
- B. Platform as a Service
- C. Database as a Service
- D. Software as a Service

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 4**

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.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 5**

Which benefit does the measured service characteristic provide to a cloud service provider?

- A. Enables control and optimization of resource use
- B. Enables cloud services to communicate with each other
- C. Enables availability of specific resources depending on policy
- D. Enables the reduction and/or elimination of upfront IT expenditure

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 6**

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 7**

What is an accurate statement about Infrastructure as a Service?

- A. Consumer has control over the operating systems and the deployed applications
- B. Consumer only has control over user-specific application configuration settings
- C. Consumer has control over network devices, compute systems, and storage systems
- D. Consumer only has control over the configuration settings of the application-hosting environment

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 8**

What is an accurate statement about Platform as a Service?

- A. Consumer has control over the deployed applications
- B. Consumer has control over the operating system and database management system
- C. Consumer has control over the programming languages and tools
- D. Consumer has control over the operating system and storage

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

Which capability does big data analytics provide?

- A. Enabling data-driven decisions from large volumes of data
- B. Storing large volumes of data without affecting availability
- C. Reducing the data storage capacity requirement
- D. Performing analytics using traditional tools

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

What is signified by the “variability” characteristic of big data?

- A. Meaning of the data changes constantly
- B. Data is generated in different formats by numerous sources
- C. Data change rate affects its timely analysis
- D. Varying data quality affects its reliability and accuracy

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 11**

What is signified by the “variety” characteristic of big data?

- A. Data is generated in different formats by numerous sources
- B. Meaning of the data changes constantly
- C. Varying data quality affects its reliability and accuracy
- D. Data change rate affects its timely analysis

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 12**

What does the transformation of an operating model for third platform adoption involve?

- A. Provisioning IT resources through a self-service portal
- B. Establishing new roles and responsibilities to manage IT services
- C. Adopting virtualization technologies to enable automation
- D. Building new technical and business skills in the IT staff

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 13**

What is an accurate statement about a data lake?

- A. Stores data as an exact or near-exact copy of the source format
- B. Supports query and analysis by classifying and organizing data before storing
- C. Stores current and historical data in a structured format on object-based storage
- D. Provides a single consistent view of data across an organization for report generation

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 14**

Which capability is provided by a software-defined storage controller?

- A. Ability to pool and abstract physical storage and present it as an open storage platform
- B. Ability for multiple operating systems to run concurrently on a single physical compute system
- C. Mechanisms to automatically create application programming interfaces for centralized management
- D. Single self-contained package with integrated hardware and software components

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 15**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 16**

What is a function of the orchestration layer in a data center infrastructure?

- A. Provides workflows for automated execution of management tasks
- B. Aggregates physical infrastructure components into resource pools
- C. Measures the consumption of IT resources by various services
- D. Decouples an operating environment from the underlying hardware

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

Which product provides an integrated IT infrastructure solution for data center deployment by combining IT resources into a single package?

- A. VCE Vblock
- B. EMC VPLEX
- C. EMC ViPR
- D. VMware vCloud

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 18**

Which VMware product provides a network virtualization platform for a software-defined data center?

- A. NSX
- B. ESXi
- C. Horizon
- D. AirWatch

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 19**

Which process groups multiple physical drives and presents them to a compute system as a single logical volume?

- A. Concatenation



- B. Partitioning
- C. Striping
- D. Orchestration

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 20**

What is a benefit of application virtualization?

- A. Avoids conflicts between different versions of the same application
- B. Enables an application to directly access a LUN on a storage system
- C. Runs applications without requiring the use of cache memory
- D. Presents more memory to an application than is physically available

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 21**

What is an accurate statement about the application presentation technique of application virtualization?

- A. Application executes remotely and its user interface is transmitted to the client
- B. Application is downloaded in portions on the client for local execution
- C. Application executes on the client without the use of a locally-installed agent
- D. Application is converted into a standalone package that directly executes on the client

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 22**

What is an accurate statement about the application streaming technique of application virtualization?

- A. Application is downloaded in portions on the client for local execution
- B. Application executes remotely and its user interface is transmitted to the client
- C. Application executes on the client without the use of a locally-installed agent
- D. Application is converted into a standalone package that directly executes on the client

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 23**

What is an accurate statement about remote desktop services?

- A. Operating system and applications hosted on a remote compute system are shared by multiple users
- B. Users are provided dedicated virtual machines running operating system and applications, and hosted on a client system
- C. Users have the flexibility to install applications and modify operating system settings on the remote compute system
- D. Users' interface of the remote desktop is transmitted to the client without the use of a remote display protocol

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 24**

What is an accurate statement about a virtual desktop infrastructure?

- A. Each user is provided a dedicated desktop VM with its own operating system and applications
- B. Operating system and applications hosted on a client system are shared by multiple users
- C. Each user has an individual desktop session on the remote compute system in which applications execute
- D. Operating system and applications on the remote desktop are downloaded on the client for local execution

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 25**

What is a function of a virtual machine manager?

- A. Abstracts physical hardware and presents it to a virtual machine
- B. Sends resource requests from multiple virtual machines to the hypervisor kernel
- C. Maps the virtual machine hardware to the hypervisor kernel
- D. Presents resource requests from a virtual machine directly to physical hardware

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

What is an accurate statement about a logical volume in a compute system?

- A. Can span across multiple physical volumes
- B. Can only be created from a single physical volume
- C. Must be created across multiple volume groups
- D. Allows multiple file systems to run concurrently

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

In which data access method does the file system access an iSCSI storage system over a network?

- A. Block-based

- B. File-based
- C. Object-based
- D. Sector-based

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 28**

What improves the performance of multi-threaded large block I/O workloads on a solid state drive?

- A. Parallel I/O channels
- B. I/O coalescing
- C. Native command queuing
- D. High capacity RAM cache

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 29**

Which data access method enables a compute system to access a file system that resides on a storage system?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 30**

An organization plans to deploy a new application in their environment. The new application requires 2 TB of storage space. During peak workloads, the application is expected to generate 9800 IOPS with a typical I/O size of 4 KB. The capacity of each available disk drive is 250 GB. The maximum number of IOPS a drive can perform at with 70 percent 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. 8
- B. 70
- C. 110
- D. 140

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 31**

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 70 percent 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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 32**

An organization plans to deploy a new application in their environment. The new application requires 4 TB of storage space. During peak workloads, the

application is expected to generate 4900 IOPS with a typical I/O size of 8 KB. The capacity of each available disk drive is 500 GB. The maximum number of IOPS a drive can perform at with a 70 percent utilization is 110 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. 8
- B. 20
- C. 30
- D. 45

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 33

What accurately describes the seek time of a disk drive?

- A. Time taken to position the read/write head over the correct track
- B. Time taken by the platter to position the data under the read/write head
- C. Time taken to read a block of data from the platter
- D. Time taken by the controller to service an I/O from the application

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 34

Which solid state drive component performs write coalescing?

- A. Controller
- B. I/O interface
- C. Non-volatile memory
- D. Cache

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 35**

An application generates 8400 small random I/Os at peak workloads with a read/write ratio of 2:1. What is the disk load at peak activity for a RAID 1/0 configuration?

- A. 5600
- B. 11200
- C. 16800
- D. 22400

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 36**

An application generates 8400 small random I/Os at peak workloads with a read/write ratio of 2:1. What is the disk load at peak activity for a RAID 5 configuration?

- A. 4800
- B. 11200
- C. 16800
- D. A. 22400

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 37**

An application generates 4200 small random I/Os at peak workloads with a read/write ratio of 2:1. What is the disk load at peak activity for a RAID 6

configuration?

- A. 2800
- B. 5600
- C. 8400
- D. 11200

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 38

What is an accurate statement about a software RAID implementation?

- A. Uses CPU cycles of a compute system to perform RAID calculations
- B. Supports the upgrade of RAID software on incompatible O/S
- C. Uses a specialized hardware controller to perform RAID calculations
- D. Supports all RAID levels

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 39

What is an accurate statement about a hardware RAID implementation?

- A. Uses a specialized hardware controller installed on a storage array
- B. Uses CPU cycles of a compute system to perform RAID calculations
- C. Requires a RAID controller and operating system to be compatible
- D. Offers a low-cost solution for providing disk protection

**Correct Answer:** A

**Section:** (none)

**Explanation**



**Explanation/Reference:**

**QUESTION 40**

Which type of LUN provides full control for precise data placement and allows an administrator to create LUNs on different RAID sets if there is workload contention?

- A. Traditional
- B. Thin
- C. Journal
- D. Bitmap

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 41**

Which LUN expansion technique provides both capacity expansion and performance improvement?

- A. Striped metaLUN
- B. Partitioned metaLUN
- C. Virtual metaLUN
- D. Concatenated metaLUN

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 42**

Which elements are associated with an object in an object-based storage system?

- A. Data, metadata, object ID, and attributes
- B. LUN ID, data, metadata, and object ID

- C. Metadata, object ID, attributes, and file path
- D. Object ID, attributes, LUN ID, and file path

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 43**

Which EMC product is a hyper-scale storage infrastructure that provides universal accessibility with support for object and HDFS?

- A. ECS Appliance
- B. XtremIO
- C. Data Domain
- D. Centera

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 44**

In an object-based storage system, data is divided into 9 data segments and 3 coding segments using the erasure coding technique. What is the maximum number of disk drive failures against which data is protected by this configuration?

- A. 3
- B. 6
- C. 9
- D. 12

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 45**

In an object-based storage system, data is divided into 10 data segments and 4 coding segments using the erasure coding technique. What is the maximum number of disk drive failures against which data is protected by this configuration?

- A. 4
- B. 6
- C. 10
- D. 14

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 46**

Which feature of an object-based storage system abstracts and provides a common view of storage independent of location to applications?

- A. Global namespace
- B. Flexible data access
- C. Multi-tenancy
- D. Scale-out architecture

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 47**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 48**

Which EMC product provides a software-defined platform that supports both block and file storage services?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 49**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 50**

Which EMC product provides a software-defined storage platform to create a compute-based storage area network?

- A. ScaleIO

- B. XtremIO
- C. Isilon
- D. Atmos

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 51**

Which component of a software-defined storage (SDS) environment manages and provisions storage?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 52**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 53**

What is a function of the metadata manager in a compute-based storage area network (SAN)?

- A. Controls load balancing and data migration in a compute-based SAN
- B. Provides an interface to the software-defined storage controller
- C. Controls all data read and write operations in a compute-based SAN
- D. Performs the I/O operations on the local storage of a compute system as requested by a client

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 54**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 55**

What is a benefit of link aggregation in a SAN?

- A. Provides a higher throughput than a single interswitch link can provide
- B. Distributes the network traffic across all virtual SANs, ensuring even virtual SAN utilization
- C. Optimizes performance by consolidating all interswitch links into a single physical link
- D. Provides the flexibility to deploy the same interswitch links for both FC and iSCSI traffic

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 56**

What accurately describes link aggregation in a SAN?

- A. Combines two or more parallel interswitch links into a single logical interswitch link
- B. Aggregates the data transmission rate of all HBA and storage system port pairs
- C. Consolidates compute-to-compute traffic and storage traffic into a single interswitch link
- D. Replaces multiple parallel interswitch links by a single physical interswitch link

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 57**

What is a benefit of a storage area network (SAN)?

- A. Enables compute systems across locations to access shared storage
- B. Ensures secure data transmission using only channel technologies
- C. Ensures high response times without the protocol overhead
- D. Enables consolidation of control and data planes in a single system

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 58**

What is a characteristic of software-defined networking?

- A. Abstracts and separates the control plane from the data plane

- B. Data plane sends instructions to the control plane to handle network traffic
- C. Controller in network switches takes over data plane functions
- D. External software combines both data plane and control plane functions

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 59**

What is a function of the FC-1 layer of the Fibre Channel (FC) protocol stack?

- A. Defines data encoding
- B. Provides FC addressing
- C. Defines the physical interface
- D. Maps upper layer protocols to FC layers

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 60**

What keeps the name server up-to-date on all switches in a fabric?

- A. SW-RSCN
- B. Management server
- C. Zoning
- D. FLOGI

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 61**

Which data structure enables two node ports to identify and manage a set of information units in a Fibre Channel (FC) SAN?

- A. Exchange
- B. Sequence
- C. Frame
- D. Domain

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 62**

What is a benefit of block-level storage virtualization?

- A. Enables the online expansion of virtual volumes
- B. Enhances performance by limiting the RSCN traffic
- C. Improves security through logical segmentation of block storage devices
- D. Increases scalability through separation of FC addresses across VSANs

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 63**

Which fabric service distributes SW-RSCNs to the other switches in a Fibre Channel SAN?

- A. Fabric controller
- B. Fabric login server
- C. Name server
- D. Fabric management server

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 64**

What accurately describes a VSAN?

- A. A logical fabric on an FC SAN that enables communication among a group of nodes
- B. A logical fabric on an FC SAN that has a 1-to-1 relationship with a zone in the FC SAN
- C. A logical fabric across FC SANs that aggregates the FC SANs to create a network pool
- D. A logical fabric across FC SANs that allows non-disruptive file mobility between the SANs

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 65**

What is an accurate statement about VSAN trunking?

- A. Allows network traffic from multiple VSANs to traverse a single interswitch link
- B. Enables an F\_Port to transfer multiple VSAN traffic over a single port channel
- C. Provides VSAN IDs to F\_Ports to include them in the VSANs
- D. Forwards FC frames between F\_Ports that belong to the same VSAN

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 66**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 67**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 68**

What is a benefit of N\_Port virtualization (NPV)?

- A. Reduces the number of domain IDs in a fabric
- B. Eliminates the overhead of fabric services in an FC SAN
- C. Enables online expansion of virtual volumes
- D. Allows an N\_Port to transfer multiple VSAN traffic

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 69**

Which fabric login type enables two N\_Ports to exchange service parameters to establish a session?

- A. PLOGI
- B. PRLI
- C. FLOGI
- D. WWPN

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 70**

Which type of login is performed between an N\_Port and an F\_Port in a Fibre Channel SAN environment?

- A. FLOGI
- B. PLOGI
- C. PRLI
- D. WWPN

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 71**

Which fabric login type occurs between two N\_Ports to exchange FC-4 upper layer protocol-related parameters?

- A. PRLI
- B. FLOGI
- C. PLOGI
- D. WWNN

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 72**

How does an iSCSI initiator discover its targets?

- A. Initiator sends a query to an iSNS server for a list of available targets
- B. Initiator receives the iSCSI names of its targets from the primary DNS server
- C. Initiator uses the data center bridging exchange protocol for the discovery
- D. Initiator sends SCSI commands and the target responds by sending its name

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 73**

What is a benefit of configuring EX\_Ports on each Fibre Channel over IP (FCIP) gateway in an FCIP tunnel implementation?

- A. Enables FC-FC routing through the FCIP tunnel without merging the fabrics
- B. Merges the fabrics at either end of the FCIP tunnel to create a single large fabric
- C. Transfers VSAN tagged traffic over the FCIP tunnel without FC protocol overhead
- D. Creates eight virtual FC links on the FCIP tunnel that can be paused and restarted independently

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 74**

Which lossless Ethernet functionality helps Converged Enhanced Ethernet (CEE) devices to convey and configure their features with the other CEE devices in the network?

- A. Data center bridging exchange protocol

- B. Enhanced transmission selection
- C. Priority-based flow control
- D. Congestion notification

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 75**

In an FCoE environment, which functionality provides a framework for the allocation of bandwidth to different network traffic classes?

- A. Enhanced transmission selection
- B. Priority-based flow control
- C. Congestion notification
- D. Data center bridging exchange protocol

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 76**

What is a component of an FCoE switch?

- A. Ethernet Bridge
- B. Virtual N\_Port
- C. Converged Network Adapter
- D. FCIP Forwarder

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 77**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 78**

What is an accurate statement about VLANs and VSANs in an FCoE environment with an existing FC SAN?

- A. A dedicated VLAN must be configured for each VSAN
- B. VLANs configured for VSANs must carry regular LAN traffic
- C. Default VLAN must map to all VSANs defined in the FCoE switch
- D. A minimum of four VLANs must be created to isolate VSAN traffic

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 79**

Which action takes place during the login phase in an FCoE SAN?

- A. VN\_Ports obtain FC addresses
- B. Nodes locate the Fibre Channel Forwarder
- C. Initialization protocol starts transporting FC data
- D. VN\_Port to N\_Port pairing is established

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 80**

What is an accurate statement about a fabric-provided MAC address (FPMA) used in an FCoE SAN?

- A. FCoE switches provide MAC addresses to VN\_Ports during node login
- B. FC switches provide MAC addresses to VE\_Ports dynamically during discovery
- C. Compute systems provide MAC addresses to the VF\_Ports on FCoE switches
- D. Both VF\_Ports and VE\_Ports obtain MAC addresses from FC switches

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 81**

What is determined by the recovery point objective in a business continuity solution?

- A. Frequency of the backup
- B. Type of backup devices
- C. Type of disaster recovery site
- D. Distance between the primary and disaster recovery sites

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 82**

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 3 occurred as follows:

- Tuesday = 8 AM to 1 PM



- Thursday = 5 PM to 10 PM
- Friday = 5 AM to 10 AM

What is the mean time between failures on component 3 for that week?

- A. 5 hours
- B. 35 hours
- C. 40 hours
- D. 51 hours

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 83**

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 84**

In which stage of the business continuity planning lifecycle does an organization identify critical business processes and assign recovery priorities?

- A. Analyzing
- B. Establishing objectives
- C. Designing and developing
- D. Implementing

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 85**

What refers to an IT infrastructure's ability to function based on business expectations during its specified time of operations?

- A. Information availability
- B. Disaster recovery
- C. Compliance adherence
- D. Business agility

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 86**

What is a benefit of backing up data to a disk library?

- A. Provides improved backup and recovery performance
- B. Provides built-in portability to meet offsite requirements
- C. Supports the shoe shining effect for improved backup performance
- D. Pre-configured and dedicated appliance is only used for backups

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 87**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 88**

An organization performs a full back up every Sunday and cumulative back ups on the remaining days. On Thursday, a data corruption occurs that requires a data restoration from the backup copies.

How many backup copies are required to perform this restoration?

- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 89**

An organization performs a full back up every Sunday and incremental back ups on the remaining days at 9:00 AM. However, at 10 PM on Friday, a data corruption occurs that requires a data restoration from the backup copies.

How many backup copies are required to perform this restoration?

- A. 2
- B. 4
- C. 5
- D. 6

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 90**

An administrator has defined a backup policy. Full backups will be performed at 8 PM every Monday and incremental backups performed at 8 PM the remaining days.

How many backup copies are required to restore the files if they were accidentally deleted on Friday morning?

- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 91**

What is a function of the NDMP server in an NDMP-based backup approach?

- A. Reads the data from the storage device and sends the data to the backup device
- B. Reads the data from the backup server and sends the data to the backup device
- C. Instructs the NAS head to start the backup operation
- D. Instructs the backup agent on the client to send the data to the backup device

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 92**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 93**

What is a benefit of a “recovery-in-place” backup approach in a virtualized data center?

- A. Provides instant recovery of a failed virtual machine
- B. Reduces the recovery point objective
- C. Eliminates redundant data during virtual machine backups
- D. Eliminates the backup window

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 94**

What is an advantage of performing cumulative backups compared to incremental backups for the same data?

- A. Facilitates faster restores

- B. Facilitates faster backups
- C. Reduces the storage space required for backups
- D. Eliminates the need for full backups

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 95**

What is an accurate statement about incremental forever backups?

- A. Requires only one initial full back up
- B. Requires periodic full back ups
- C. Backup is not created directly from the production data
- D. Copies the data that has changed since the last full back up

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 96**

Why is it important for organizations to maintain a copy of data at a remote site?

- A. Ensure disaster recovery
- B. Provide operational recovery
- C. Ensure data archiving to meet regulatory requirements
- D. Provide flexibility to use stub files for production operations

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 97**

An organization has several virtual machines (VMs) deployed in their data center. The VM files are stored on a block-based storage system. The applications on the VMs are impacted during VM backup because the backup agents on the VMs are consuming a large amount of resources.

Which alternate backup solution is recommended to address this issue?

- A. Image-based backup
- B. Three-way NDMP backup
- C. Two-way NDMP backup
- D. Target-based deduplication backup

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 98**

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

- A. Backup device can be shared among multiple NAS heads
- B. Each NAS head should have a dedicated backup device
- C. Backup data traverses at least three NAS heads before reaching the backup device
- D. Backup is performed only when three or more NAS heads are present

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 99**

Which type of storage system is built specifically for storing fixed content?

- A. Content addressed storage
- B. Block-based storage
- C. File-based storage

D. Unified storage

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 100**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 101**

What is an accurate statement about the function of an archiving server?

- A. Enables the ability to configure policies for archiving data
- B. Installs agents on the archiving storage device
- C. Scans the data that can be archived on application servers
- D. Creates stub files on an archiving storage device

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 102**

What is a benefit of using content addressed storage (CAS) as an archival solution?

- A. Ensures content authenticity and integrity
- B. Supports location independence using different content IDs for an object
- C. Provides the ability to perform production operations on the CAS
- D. Enables modification of archived data

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 103**

What is determined based on the recovery point objective in an asynchronous remote replication?

- A. Size of the buffer
- B. Size of the replica
- C. Response time
- D. Location of the source

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 104**

What is an accurate statement about full volume replication?

- A. Target device is at least as large as the source device
- B. Target device requires only a fraction of the space used by the source device
- C. Target device is accessible only after the replication session starts
- D. Target and source devices should be on different storage arrays

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 105**

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 106**

What is a benefit of deploying a multi-site storage system-based remote replication solution?

- A. Ensures disaster recovery protection remains available in the event of source or remote site failures
- B. Provides the capability to recover data to any point-in-time
- C. Requires low network bandwidth to perform synchronous replication
- D. Enables a consistent near-zero RPO in the event of source and remote site failures

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 107**

Which EMC product provides a remote replication solution for EMC VMAX3 storage systems?

- A. SRDF

- B. SnapSure
- C. MirrorView
- D. ProtectPoint

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 108**

What determines how far back the recovery points can go in a continuous data protection (CDP) solution?

- A. Amount of space that is configured for the journal
- B. Size of the CDP appliance used for replication
- C. Size of the source and replica volumes
- D. Type of write splitter used for replication

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 109**

In continuous data protection (CDP) remote replication, where are the two split write I/Os of an incoming write I/O directed?

- A. One I/O goes to the local CDP appliance and the other I/O goes to the production volume
- B. One I/O goes to the compute system and the other I/O goes to the production volume
- C. One I/O goes to the remote CDP appliance and the other I/O goes to the replica
- D. One I/O goes to the journal volume and the other I/O goes to the replica

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 110**

What is a benefit of implementing a virtual machine (VM) storage migration?

- A. Balances storage utilization by redistributing VMs across different storage systems
- B. Enables VMs to keep functioning even if the source data is lost due to a failure
- C. Improves the security of applications running inside VMs on the migrated storage system
- D. Reduces the overall storage system capacity requirements for organizations

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 111**

What is an accurate statement about hypervisor-based continuous data protection (CDP)?

- A. Write splitter is embedded in the hypervisor
- B. Journal is stored in a virtual machine
- C. Journal and replica use the same storage volume
- D. Virtual appliance runs on a storage system

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 112**

What is an example of an active attack on an IT infrastructure?

- A. Attempt to modify information for malicious purposes
- B. Attempt to copy the data from the storage system
- C. Attempt to gain unauthorized access into the system
- D. Attempt to gain access to the data in transit

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 113**

What is compromised by a passive attack on an IT infrastructure?

- A. Confidentiality
- B. Integrity
- C. Availability
- D. Repudiation

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 114**

What is an accurate statement about a denial-of-service attack?

- A. Prevents legitimate users from accessing resources or services
- B. Intentional misuse of privileges to compromise data security
- C. Gaining unauthorized access to a user's accounts and data
- D. Captures a user's credentials and then sends to the attacker

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 115**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 116**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 117**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 118**

In an FC SAN environment, an administrator wants to ensure that a particular switch port cannot function as an E\_Port and cannot be used to create an interswitch link. Which security mechanism should the administrator use?

- A. Port type locking
- B. Port binding
- C. Persistent port disable
- D. Fabric binding

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 119**

In an FC SAN environment, which security mechanism prevents a switch port from being enabled even after a switch reboot?

- A. Port locking
- B. Port type locking
- C. Port binding
- D. Fabric binding

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 120**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 121**

How do VSANs ensure security in an IT infrastructure?

- A. By providing isolation over a shared infrastructure
- B. By authenticating a new switch that joins a fabric
- C. By limiting the number of switches in a fabric
- D. By prohibiting an unused switch port from being used

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 122**

What is an accurate statement about OAuth security control?

- A. Allows a client to access protected resources from a resource server on behalf of a resource owner
- B. Provides strong authentication for client-server applications by using secret-key cryptography
- C. Enables initiators and targets to authenticate each other by using a shared secret code
- D. Enables an organization to use authentication services from an identity provider

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 123**

What is an accurate statement about Challenge Handshake Authentication Protocol (CHAP) control?

- A. Enables initiators and targets to authenticate each other by using a shared secret code



- B. Provides strong authentication for client-server applications by using secret-key cryptography
- C. Allows a client to access protected resources from a resource server on behalf of a resource owner
- D. Enables an organization to use authentication services from an identity provider

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 124**

What is an accurate statement about OpenID control?

- A. Enables an organization to use authentication services from an identity provider
- B. Enables initiators and targets to authenticate each other by using a shared secret code
- C. Provides strong authentication for client-server applications by using secret-key cryptography
- D. Allows a client to access protected resources from a resource server on behalf of a resource owner

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 125**

Which technique is used in Kerberos to authenticate a client-server application across an insecure network?

- A. Secret-key cryptography
- B. One-way hash function
- C. Shared secret
- D. OpenID control

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 126**

Which method does an intrusion detection and prevention system (IDPS) use to identify intrusions by scanning and analyzing events to detect if they are statistically different from normal events?

- A. Anomaly-based
- B. Signature-based
- C. Profile-based
- D. Device-based

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 127**

Which method is used to establish a VPN connection between a primary and remote data center to perform secure remote replication?

- A. Site-to-site VPN connection
- B. Remote access VPN connection
- C. Intra-site VPN connection
- D. Long distance VPN connection

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 128**

What is an activity in the risk assessment step of risk management?

- A. Determine the likelihood of a risk
- B. Plan and deploy security controls
- C. Continuously observe the existing risks
- D. Identify the sources of threats that increase the risks

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 129**

What is the purpose of monitoring capacity in a storage infrastructure?

- A. Tracking the amount of storage infrastructure resources used and available
- B. Evaluating utilization of components and identifying bottlenecks
- C. Tracking configuration changes to the storage infrastructure elements
- D. Identifying component failures that may lead to service unavailability

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 130**

Which EMC product enables management for Vblock systems?

- A. Unified Infrastructure Manager
- B. MirrorView
- C. Service Assurance Suite
- D. ViPR SRM

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 131**

What is an example of an availability management task in storage infrastructure management?

- A. Designing a new replication solution for data redundancy

- B. Performing trend analysis of storage space consumption
- C. Tracking configuration changes to storage components
- D. Specifying storage space quotas for users

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 132**

Which EMC product provides automated monitoring and reporting of a software-defined storage infrastructure?

- A. ViPR SRM
- B. SnapSure
- C. Avamar
- D. FAST VP

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 133**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 134**

Which data center characteristic ensures that data is stored and retrieved exactly as it was received?

- A. Data integrity
- B. Security
- C. Scalability
- D. Manageability

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 135**

What is a characteristic of a scale-out NAS?

- A. File system grows dynamically as nodes are added in the cluster
- B. Up to four file systems can be created across the cluster
- C. Distinct file systems are created on each node in the cluster
- D. Different file systems can be mixed on each node in a single cluster

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 136**

A customer has a requirement to perform a backup each night. However, the customer has a limited amount of time for backups to run on week nights, Monday through Friday evenings.

Which backup granularity type is recommended to meet the backup window for those nights?

- A. Incremental
- B. Cumulative
- C. Full

D. Differential

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 137**

What is a benefit when a node is added to a scale-out NAS cluster?

- A. Increased cluster performance
- B. Reduced capital expenditure
- C. Simplified cluster management
- D. Decreased data duplication

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 138**

Why should a replica be consistent with its source?

- A. Ensure the usability of the replica
- B. Reduce the need to create multiple replicas
- C. Ensure the security of the replica
- D. Reduce the size of the replica

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 139**

What is an example of a security management task in a storage infrastructure?

- A. Configuring LUN masking to restrict hosts from accessing a specific LUN
- B. Enforcing storage space quotas to restrict users from overprovisioning resources
- C. Restricting the number of simultaneous client access to application servers
- D. Enabling sending messages to a support center in the event of resource failure

**Correct Answer:** D

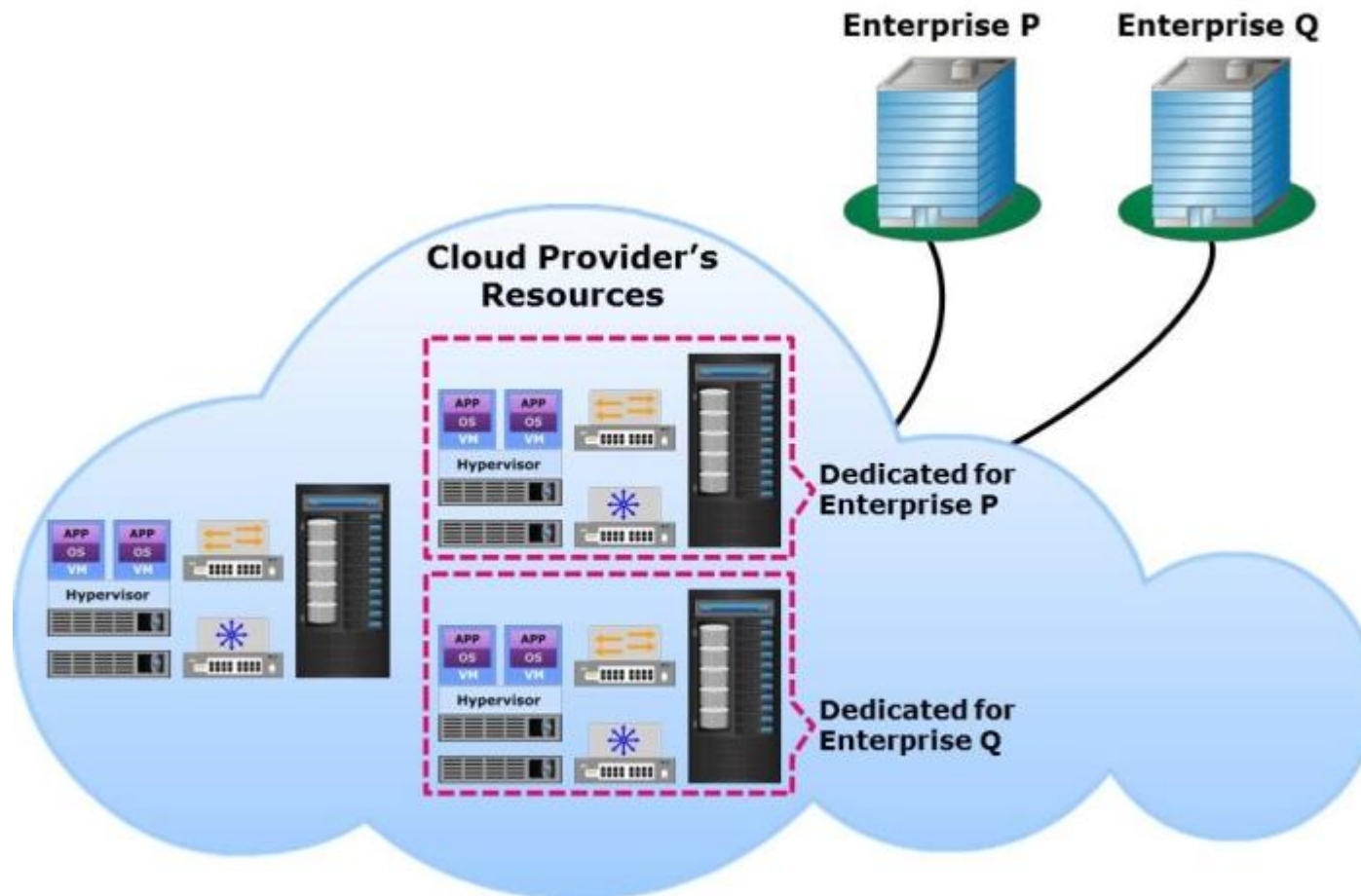
**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 140**

A service provider is offering cloud services to Enterprise P and Enterprise Q.



Which cloud deployment model does the exhibit represent?

- A. Externally-hosted private cloud
- B. On-premise community cloud
- C. Public cloud
- D. Externally-hosted community cloud

**Correct Answer:** A

**Section:** (none)

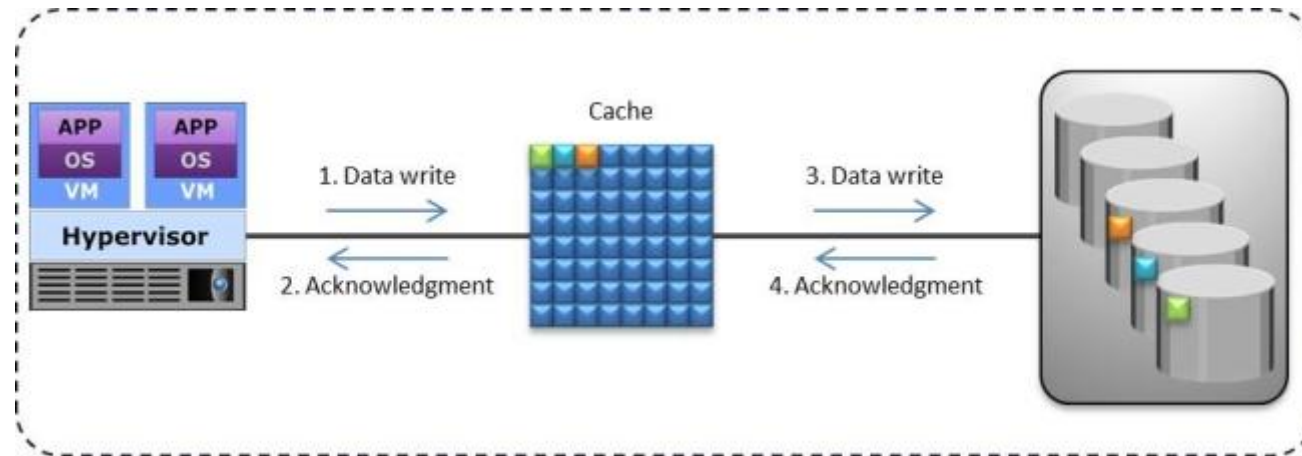
**Explanation**



**Explanation/Reference:**

**QUESTION 141**

Which environment is represented in the exhibit?



- A. Write-back cache
- B. Write-through cache
- C. Read miss
- D. Read hit

**Correct Answer:** A

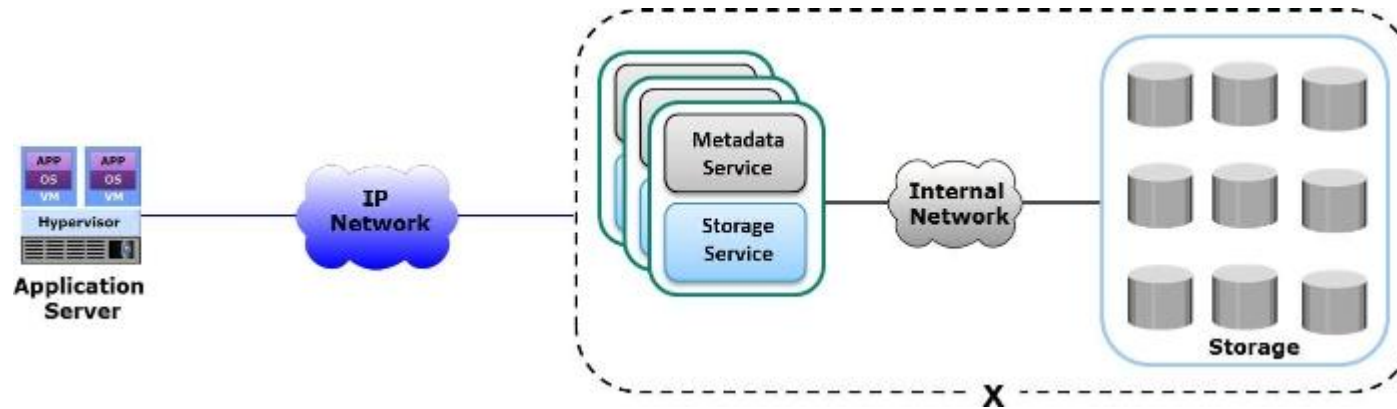
**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 142**

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



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

**Correct Answer:** A

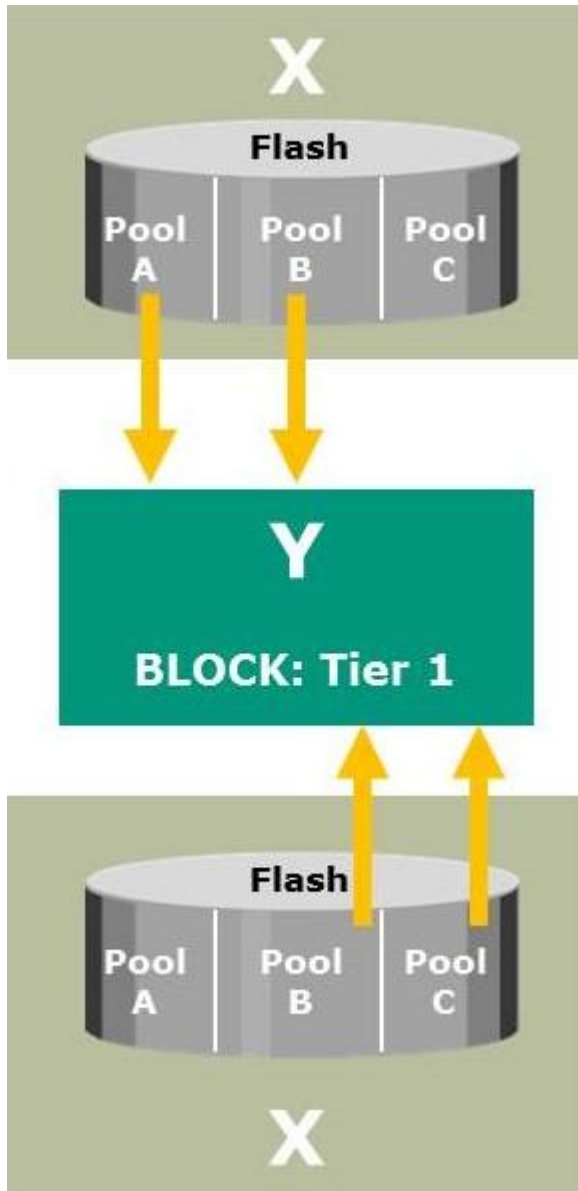
**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 143

The exhibit illustrates a software-defined storage environment. What do the labels “X” and “Y” represent in the exhibit?



- A. X is a virtual storage system and Y is a virtual storage pool
- B. X is a virtual storage pool and Y is a virtual storage system

- C. X is a physical storage pool and Y is a virtual storage system
- D. X is a virtual storage pool and Y is a physical storage system

**Correct Answer:** A

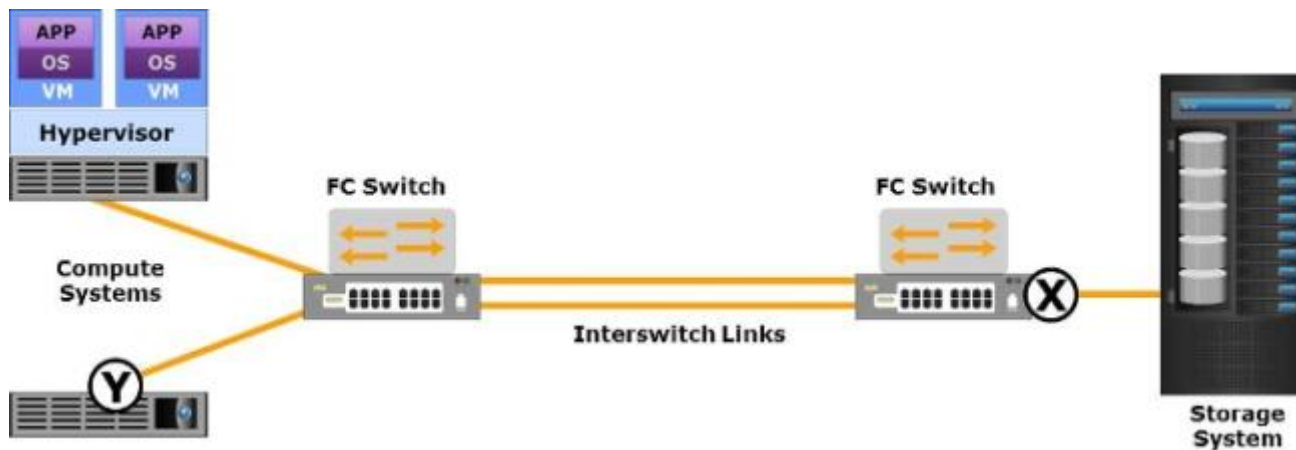
**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 144

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**