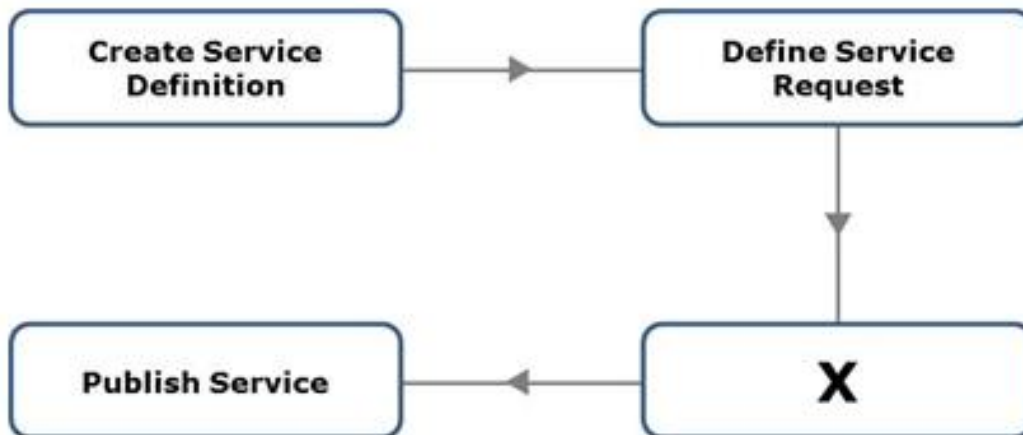# EMC

Exam E10-002

Cloud Infrastructure and Services v2 Exam

Version: 6.0

[Total Questions: 122]

Question No : 1

Refer to the Exhibit.

Which step in the service catalog design and implementation process, shown in the exhibit, is marked by 'X'?

A. Define fulfillment process
B. Create service attributes
C. Assess service requirement
D. Install portal software

Answer: A

Question No : 2

What describes the operation of the write-through cache in a block-based storage system?

A. Data is placed in the cache.
Data is written to the disk.
An acknowledgement for the write is sent.
B. Data is placed in the cache.
An acknowledgement for the write is sent immediately.
Data is later written to the disk.
C. Data is written directly to the disk without being placed in the cache.
An acknowledgement for the write is sent.
D. Data is written directly to the disk.
An acknowledgement for the write is sent immediately.

Data is later placed in the cache.

Answer: A

Question No : 3

What is a benefit of service orchestration?

A. Reduced service provisioning time
B. Enhanced service portability across clouds
C. Improved conformity to service contract
D. Automated service portfolio management

Answer: A

Question No : 4

What could be a possible cause for the degradation in the performance of virtual machines (VMs) during a guest-level backup operation?

A. Backup agent running inside VMs consumes additional resources.
B. VM snapshot created for the backup consumes additional resources.
C. VMs move into read only mode during backup operations.
D. VMs move into sleep mode during backup operations.

Answer: A

Question No : 5

In the event of a virtual machine failure, which technique provides zero downtime?

A. Fault tolerance
B. Clone
C. Snapshot
D. Backup

Answer: D

Question No : 6

Dynamic virtual machine (VM) load balancing across storage volumes is enabled.

Which parameter is used to intelligently place newly created VMs on a storage volume?

A. I/O load on the storage volume
B. Type of the storage volume
C. Location of the storage volume
D. Size of the storage volume

Answer: A

Question No : 7

Which mechanism in a Fibre Channel SAN prohibits a disabled switch port from being used, even after a switch reboot?

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

Answer: A

Question No : 8

What is the correct sequence of steps in synchronous remote replication?

A. Step 1: Compute system writes data to source.
Step 2: Data from source is replicated to replica (target).
Step 3: Target acknowledges back to source.
Step 4: Source acknowledges write complete to the compute system.
B. Step 1: Compute system writes data to source.
Step 2: Write is immediately acknowledged to compute system.

Step 3: Target acknowledges back to source.

Step 4: Data is transmitted to the replica (target).

C. Step 1: Compute system writes data to source.

Step 2: Data is transmitted to the replica (target).

Step 3: Source acknowledges write complete to the compute system.

Step 4: Target acknowledges back to source.

D. Step 1: Compute system writes data to source.

Step 2: Write is immediately acknowledged to compute system.

Step 3: Data is transmitted to the replica (target).

Step 4: Target acknowledges back to source.

Answer: A

Question No : 9

Who maintains the credential information of consumers when an OpenID mechanism is deployed?

A. Identity provider only
B. Service provider only
C. Consumer and service provider
D. Service provider and identity provider

Answer: A

Question No : 10

Which RSA product enables multi-factor authentication?

A. SecurID
B. Archer eGRC
C. Envision
D. BSAFE

Answer: C

Question No : 11

What is a service contract?

A. An agreement between provider and consumer that states the terms of service usage
B. An agreement between provider and supplier that describes the service template specifics
C. An agreement between provider and consumer that lists the conditions for greenfield service deployment
D. An agreement between provider and supplier that states the terms and conditions of a balanced scorecard

Answer: A

Question No : 12

Which RAID type uses parity to protect against data loss?

A. RAID 3
B. RAID 0
C. RAID 1
D. Nested

Answer: B

Question No : 13

What information is included in the service request issued by a cloud portal to the orchestration layer?

A. Request ID, subscription ID, user's choices
B. Request ID, erasure code, World Wide Name
C. User's choices, iqn, service template
D. Subscription ID, erasure code, iqn

Answer: A

Question No : 14

Which statement describes cloud service arbitrage?

A. A cloud broker combines a variable number of cloud services into one or more services.
B. A cloud broker enhances a given service by improving some specific capability.
C. A cloud broker combines a fixed number of cloud services into one or more services.
D. A cloud broker provides value-added services to cloud consumers.

Answer: A

Question No : 15

A cloud service provider is concerned about an attacker gaining access to consumers' confidential information by compromising the password database.

Which security mechanism should the cloud service provider deploy to mitigate the risk due to this attack?

A. Multi-factor authentication
B. Data shredding
C. Strong authorization
D. Malware protection software

Answer: A

Question No : 16

What is an OpenID mechanism?

A. An open standard for authentication in which a service provider uses authentication services from an identity provider
B. An open authorization mechanism that allows a client to access protected resources from a resource server on behalf of a resource owner
C. A network authentication protocol that provides strong authentication for client/server applications by using secret-key cryptography
D. A mechanism that examines data packets traversing a network and compares them to a set of filtering rules

Answer: A

Question No : 17

What is the role of a proxy server in an image-based backup solution?

A. Performs backup operations by using the virtual machine snapshot
B. Stores backup media for a virtual machine backup
C. Creates the snapshot for the virtual machine to be backed up
D. Transfers data directly from the guest OS to the backup device

Answer: A

Question No : 18

In a FC SAN, which FC port type does an N_Port connect to?

A. F_Port
B. N_Port
C. E_Port
D. G_Port

Answer: A

Question No : 19

What is the effect of network broadcast traffic reaching the configured network storm control threshold on a switch port?

A. Broadcast traffic is blocked. Subsequent broadcast frames are dropped for a specific interval.
B. Broadcast traffic is allowed partially, maintaining the traffic rate below the threshold level.
C. Switch port bandwidth increases automatically to accommodate the traffic.
D. The switch port is disabled. Administrator intervention is required to enable it.

Answer: A

Question No : 20

What is a benefit of hyper-threading?

A. Improved processor utilization
B. Reduced processor cost
C. Concurrent execution of multiple threads
D. Pool processors across compute systems

Answer: A

Question No : 21

What is provided by an uplink NIC used in a virtual machine network on a physical compute system running a hypervisor?

A. Connectivity between a virtual switch and a physical Ethernet switch
B. Connectivity between a virtual switch and physical NICs
C. Inter-switch links (ISLs) between virtual switches
D. Connectivity between a virtual switch and virtual NICs

Answer: A

Question No : 22

What is an accurate statement about an active/active service availability zone configuration?

A. It provides a lower recovery time objective (RTO).
B. The zones must be connected over a FC network.
C. The zones must be located more than 200 km apart.
D. It has reduced bandwidth requirements for replication across zones.

Answer: A

Question No : 23

What is enabled by cache tiering?