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DEA-2TT3

Associate - Cloud Infrastructure and Services v.3 Exam



Exam A

QUESTION 1

What refers to an agreement between provider and consumer that states the terms of service usage?

- A. Service contract
- B. Service template
- C. Chargeback
- D. Showback

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2 What is an advantage of adopting a microservices strategy in an application development environment?

- A. All microservices of an application are always updated at the same time for maintaining consistency in the application
- B. Every microservice can be deployed, upgraded, scaled, and restarted independent of other services in the application
- C. Microservices are tightly coupled so it is easy to scale all the services at once to meet business demands
- D. Microservices provide the application platform to implement DevOps in the organization easily and at low cost

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 3 Which role in service portfolio management determines and delivers the services that provide value and strategic advantage to the provider?

- A. Cloud Service Account Manager
- B. Cloud Automation Engineer
- C. Cloud Administrator
- D. Cloud Auditor

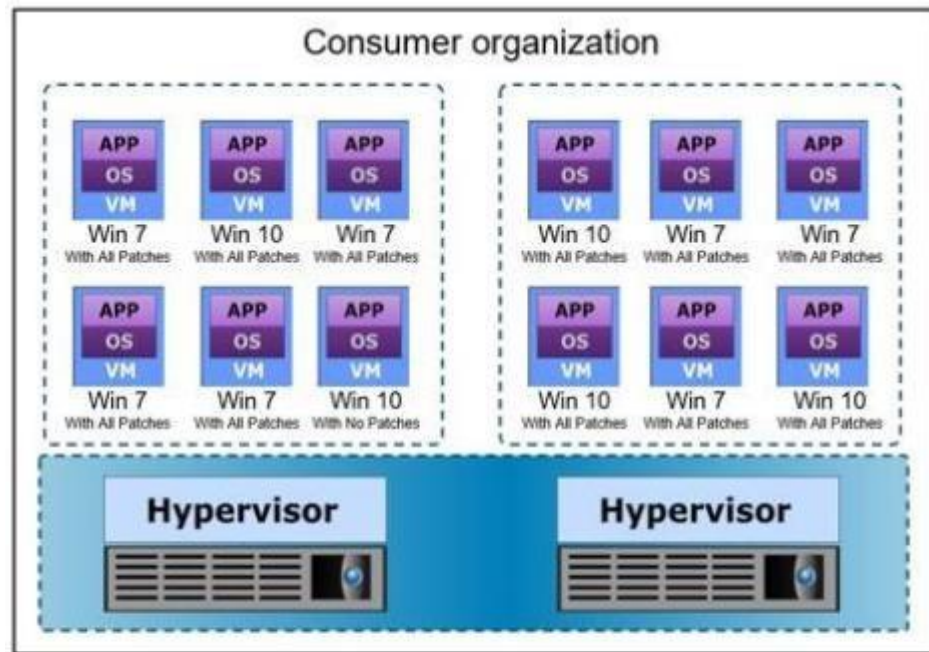
Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4



Configuration policy

- Condition 1: Update to latest OS version
- Condition 2: Apply all OS patches

Refer to the exhibit, which represents a consumer environment consisting of multiple VMs running Windows operating systems (OSs).

For compliance reasons, the cloud service provider maintains version control over the OS provided to the consumer. The service provider also ensures that the configurations of the VMs comply with the configuration policy for the OS version. The configuration policy includes the two conditions shown in the exhibit. A monitoring tool verifies VM configurations against the configuration policy and provides the compliance results shown.

What is the percentage of compliance non-adherence?

- A. 30.12%
- B. 33.34%
- C. 58.33%
- D. 66.67%

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

Which management process ensures business continuity by eliminating single points of failure in a data center?

- A. Availability management
- B. Security management
- C. Capacity management
- D. Performance management

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6 Which Dell EMC product is used for a disk-based backup and recovery solution that provides inherent source-based data deduplication?

- A. NetWorker
- B. ProtectPoint
- C. Data Domain
- D. Avamar

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7 Which phase of the cloud service lifecycle involves making business use case decisions for the cloud service offering portfolio?

- A. Service Termination
- B. Service Planning
- C. Service Creation
- D. Service Operation

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 8 Which software-defined storage controller function gathers data about the components and brings them under its control and management?

- A. Storage provisioning
- B. Storage discovery
- C. Resource abstraction and poolingD. Storage component management

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

The incident management team is unable to determine the root cause of an incident. To which team should the error-correction activity be transferred?

- A. Performance Management
- B. Change Management
- C. Availability Management
- D. Problem Management

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10 What capability is provided by the “Open and extensible” attribute of software-defined infrastructure (SDI)?

- A. Uses APIs to integrate multivendor resources into the SDI environment
- B. Optimizes resource usage and generates value reports about the SDI environment
- C. Provides a control point for the entire SDI environment
- D. Provides multitenancy that enables consumers to share resources in the SDI environment

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

What mechanism does RSA SecurID use?

- A. Single sign-on authentication
- B. Policy-based authorization
- C. Multi-factor authentication
- D. Role-based authorization

Correct Answer: C

Section: (none)

Explanation



Explanation/Reference:

QUESTION 12 What is the function of a monitoring and alerting tool?

- A. Focus on examining the usage of resources by customers and service providers and provide notification to optimize and manage workloads
- B. Control charges for cloud usage by optimizing cloud resource utilization
- C. Automate tasks and IT processes and manage the IT environment
- D. Enable people to work closely together on a common project, in real time, by making communication among them easier

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

DRAG DROP

Match each information security concept with its description.

Select and Place:

Concept	Description
Availability	Ensures the required secrecy of information
Integrity	Ensures that unauthorized changes to information are not allowed
Accountability	Ensures that authorized users have reliable and timely access to cloud resources
Confidentiality	Ensures users are answerable for the actions executed on the system

Correct Answer:

Concept	Description
	Confidentiality
	Integrity
	Availability
	Accountability

Section: (none)
Explanation
Explanation/Reference:

QUESTION 14 What capability does an orchestration workflow provide?

- A. Helps administer the cloud infrastructure, such as adding resources to a resource pool, billing, and reporting
- B. Helps to consolidate all the IT resources in the cloud environment
- C. Enables the administrator to control the underlying physical infrastructure using a single unified management console
- D. Creates an automated set of tasks to update the service catalog by cloud consumers without requiring manual intervention

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15 What can an IT department do to better meet IT challenges and support digital businesses?

- A. Become more technology centric
- B. Focus on delivery and management of digital assets
- C. Become more service centric within cost constraints
- D. Focus on providing services without being distracted by costs

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 16 What is a characteristic of thin LUNs?

- A. When a thin LUN is destroyed, its allocated capacity is automatically reclaimed to the pool.
- B. When a thin LUN is created, physical storage is fully allocated for it
- C. Once a thin LUN is created it cannot be destroyed until all data is deleted from it
- D. When a thin LUN is destroyed, its allocated capacity is reserved until an administrator reclaims it

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17 Which product provides key management and a data-at-rest encryption mechanism for private, public, and hybrid clouds?

- A. RSA SecurID
- B. Dell EMC CloudArray
- C. RSA Archer eGRC
- D. Dell EMC CloudLink

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18 What is a key benefit of using containers?

- A. Eliminates any long-term commitments to a technology stack
- B. Helps speed up software release cycles and improve software quality
- C. Enables services to be delivered in hour or days, not weeks
- D. Provides better probability without requiring code changes

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19 What is the purpose of a bitmap in snapshot creation?

- A. Keeps track of blocks that have changed in the filesystem
- B. Indicates the exact address from which data has to be read
- C. Indicates the exact address to where data has to be written
- D. Keeps track of the number of blocks that are highly utilized

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 20

An organization needs to deploy remote replication between two sites that are 100 km (62 miles) apart. The organization requires a near zero recovery point objective.

Which solution would you recommend?

- A. Hypervisor-based asynchronous replication
- B. Synchronous replication
- C. Snapshot replication
- D. Asynchronous replication

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21 Which method optimizes network performance by distributing network traffic across the shared bandwidth of all the ISLs?

- A. Link aggregation
- B. Network zoning
- C. Network segmentation
- D. Link failover

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

Which product is a single-instance, multitenant integration platform as a service that provides a unified online development and management environment?

- A. MyService 360
- B. ViPR SRM
- C. Data Protection Advisor
- D. Dell Boomi

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23



Which cloud service model is represented in the exhibit?

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24 What is an organizational benefit of adopting modern applications?

- A. Enhances competitiveness
- B. Removes dependency on IT completely
- C. Eliminates CAPEX
- D. Removes dependency on service provider

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25 Which process involves determining the optimal resources required to meet seasonal spikes in resource demand?

- A. Configuration management
- B. Change management
- C. Capacity management
- D. Incident management

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 26 Which task describes adherence to compliance?

- A. Ensure security policies are being enforced
- B. Define access rights to users
- C. Assess the cloud provider's capability to provide logs
- D. Assess assets with realistic valuations

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27 Which activity is conducted during the service termination phase of the cloud service lifecycle?

- A. De-provisioning the service instance
- B. Asking for the service contract
- C. Establishing the billing policy
- D. Providing the final service assessment report

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28 What is a function of service portfolio management?

- A. Ensure compliance to industry standards
- B. Enable capacity and availability management
- C. Perform market research and collect information about competitors
- D. Collect information about cloud services and their constituent elements

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29 A compute system is configured to access files from a network-attached storage system. What is a characteristic of the file system?

- A. Managed by the object-based storage device node
- B. Managed by the compute system
- C. Managed by the storage system
- D. Part of the storage area network

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30 What refers to the logging of all transactions when assessing the effectiveness of security controls in a cloud computing environment?

- A. Accounting
- B. Monitoring
- C. Auditing
- D. Metering

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31 What is a benefit of the active-active cluster implementation?

- A. Enhances performance and availability of a service
- B. Lower total cost of ownership for providing services
- C. Improves security of application running on the cluster
- D. Ability to run multiple services on one physical compute system

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

An organization has deployed a cloud infrastructure. They frequently experience power outages that result in their service offerings being unavailable from time to time.

What term refers to this condition?

- A. Transient unavailability
- B. In-transient unavailability
- C. Permanent unavailability
- D. Intermittent unavailability

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

A new service has been created and the service instance is ready to use. What type of an alert is generated to notify the user about this event?

- A. Instructional
- B. Informational
- C. Warning
- D. Caution

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 34 What ensures that the cloud services and service creation processes adhere to relevant policies and legal requirements?

- A. Problem management
- B. Risk management
- C. Audit management
- D. Compliance management

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

What term refers to businesses that cautiously and gradually embrace digital transformation?

- A. Digital Laggards
- B. Digital Evaluators
- C. Digital Leaders
- D. Digital Adopters

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

A service is offered to consumers from 9 A.M. to 5 P.M., Monday through Friday. The service experiences downtime from 3 P.M. to 5 P.M. on Wednesday of a given week.

What is the service availability for that week?

- A. 95.00%
- B. 95.88%
- C. 96.42%
- D. 98.33%

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

DRAG DROP

Match each virtual network type with its characteristics.

Select and Place:

<u>Network Type</u>	<u>Characteristics</u>
Virtual LAN (VLAN)	Divides a LAN into smaller logical segments
Stretched VLAN	Segregates nodes within a VLAN into secondary VLANs
Private VLAN (PVLAN)	Enables nodes in two different sites to communicate over a WAN
Virtual SAN (VSAN)	Enables communication between a group of nodes with a common set of requirements over a FC network

Correct Answer:

<u>Network Type</u>	<u>Characteristics</u>
	Virtual LAN (VLAN)
	Private VLAN (PVLAN)
	Stretched VLAN
	Virtual SAN (VSAN)

Section: (none)
Explanation

Explanation/Reference:



QUESTION 38 Which activity is a part of people transformation?

- A. Automation of IT tasks that reduces manpower needs
- B. Adoption of a modern IT infrastructure
- C. Communication between IT staff and business leaders
- D. Adoption of a standard framework such as ITL

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39 Which compliance standard provides policies and procedures to optimize the security of credit card transactions?

- A. HIPAA
- B. ENISA
- C. CSA CCM
- D. PCI DSS

Correct Answer: D
Section: (none)
Explanation
Explanation/Reference:

QUESTION 40 What is specified by a service attribute?

- A. Relationships between services
- B. Configurations of service components
- C. Management operations
- D. Structure of a service

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41 A specific intrusion detection and prevention system (IDPS) scans events against known attack patterns. Which technique is the IDPS using?

- A. Plug-in-based detection
- B. Signature-based detection
- C. Device-based detection
- D. Anomaly-based detection

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42 What term refers to the entry points from which an attack can be launched?

- A. Work factor
- B. Velocity of attack
- C. Attack vector
- D. Attack surface

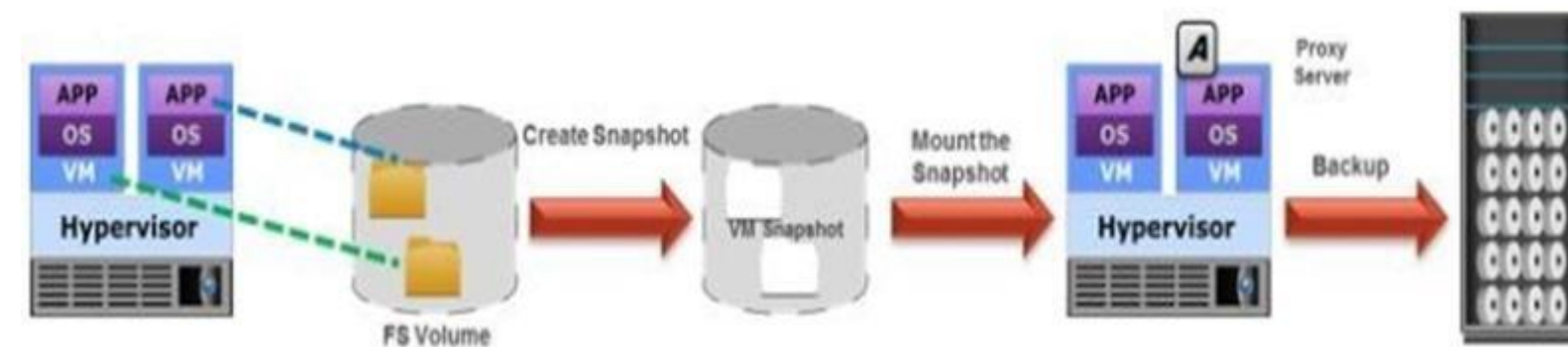
Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43



Which backup method type is represented in the exhibit?

- A. Direct backup
- B. Guest VM level backup
- C. Image-level backup
- D. Guest OS level backup

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44 What is a function of business relationship management?

- A. Determine if the capacity of IT services can deliver the agreed upon service levels
- B. Identify requirements and ensure that the appropriate services are provided
- C. Identify accurate information for all operational services
- D. Determine what the sufficient capacity is to meet business demand

Correct Answer: C

Section: (none)

Explanation


Explanation/Reference:

QUESTION 45

DRAG DROP

Match each service management phase with its process.

Select and Place:



<u>Phase</u>	<u>Process</u>
Service transition	Service portfolio management
Service design	Supplier management
Service operation	Service validation and testing
Service strategy	Request fulfillment

Correct Answer:

<u>Phase</u>	<u>Process</u>
	Service strategy
	Service design
	Service transition
	Service operation

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46 What is a key element of a cloud portal?

- A. Unified manager
- B. Element manager
- C. Orchestrator
- D. Management interface

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47 What is a function of the discovery operation during the service operation phase of the cloud service lifecycle?

- A. Collects information about people involved in the service operations
- B. Collects information about services available in the catalog
- C. Provides visibility into each Cloud service asset employed
- D. Restores service levels while continuously optimizing operations

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48 What is a characteristic of storage resource pools?

- A. Resource pools should always be created by different types of storage devices
- B. Resources are reserved by the application after being released by the consumer
- C. Resources are dynamically released to the pool when the consumer exceeds their quota
- D. Resources are dynamically allocated based on consumer demand

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49 What is a responsibility of the Service Account Manager?

- A. Maintaining day-to-day contact that consumers' needs are met
- B. Designing, planning, managing, maintaining, and supporting the cloud infrastructure
- C. Understanding consumers' needs and industry trends to drive an effective product strategy
- D. Streaming service delivery and execution, and handling early warnings for service issues

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50 What is a benefit of synchronous remote replication?

- A. Replicates data across any geographic location without impacting response time
- B. Ensures source and replica have identical data at all times
- C. Supports locality of reference to improve replication performance
- D. Saves network bandwidth by replicating only deduplicated data

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

A cloud service provider uses a resource pooling approach to improve the utilization of resources by sharing them with multiple customers. What mechanism should the cloud provider deploy to prevent one consumer from accessing the virtual machines of another consumer?

- A. Hypervisor-based resource pooling
- B. Secure multitenancy through isolation
- C. Pooling of resources through multitenancy
- D. Virtual machine-based resource pooling

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52 What are the key approaches to application transformation?

- A. Restore, Reuse, Retain, Retire
- B. Refactor, Revise, Retain, Retire
- C. Retain, Refactor, Reuse, Revise
- D. Revise, Restore, Retain, Re-iterate

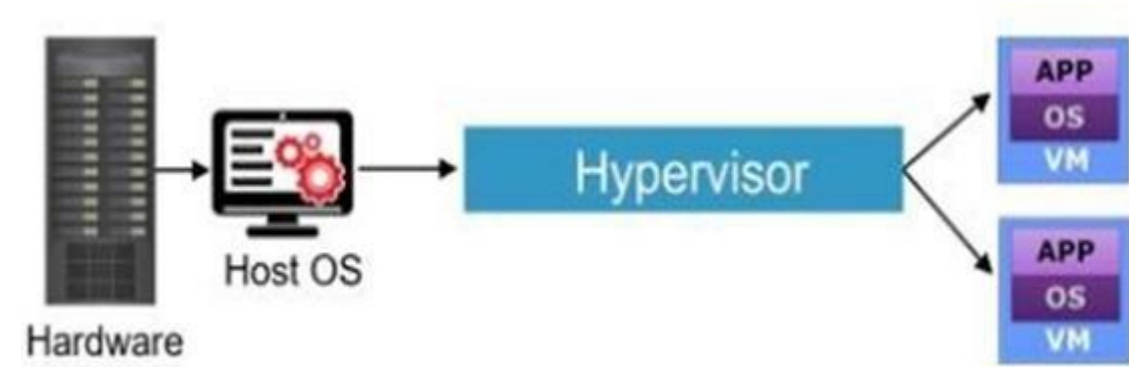
Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53



Refer to the exhibit.

Which type of hypervisor is installed in this environment?

- A. Hosted Hypervisor-Type 1
- B. Bare Metal Hypervisor-Type 1
- C. Hosted Hypervisor-Type 2
- D. Bare Metal Hypervisor-Type 2

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54 What is a key function of the cloud service component?

- A. Allows consumers to create service offerings for a service catalog
- B. Enables service providers to request the purchase of new IT resources
- C. Presents cloud infrastructure for use of services by consumers
- D. Allows consumers to modify the existing service offerings in a service catalog

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55 Which method compares observed events with normal activities to identify abnormal patterns in a system?

- A. Encryption-based authentication
- B. Anomaly-based intrusion detection
- C. Multi-factor authentication
- D. Signature-based intrusion detection

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

DRAG DROP

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

Select and Place:

Source storage system needs an acknowledgement back to the production compute system	STEP 1
Write I/O is transmitted to the cache of the target storage	STEP 2
Receipt acknowledgement is provided by target storage back to cache of the source	STEP 3
Write I/O is received from production compute system into cache of source and placed in queue	STEP 4

Correct Answer:

	Write I/O is received from production compute system into cache of source and placed in queue
	Source storage system needs an acknowledgement back to the production compute system
	Write I/O is transmitted to the cache of the target storage
	Receipt acknowledgement is provided by target storage back to cache of the source

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

In which technique does an application maintain limited functionality, even when some of the modules or supporting services of that application become unavailable?

- A. Retry logic
- B. Persistent state model
- C. Graceful degradation
- D. Checkpointing

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

To implement a new service desk management tool, the capacity of the servers has to be extended. Who is responsible for managing the request for additional capacity?

- A. Change Manager
- B. Financial Manager
- C. Capacity Manager
- D. Service Level Manager

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59 Which Dell EMC product provides a converged infrastructure solution?

- A. XC Series Appliance
- B. VxBlock
- C. VxRail Appliance
- D. XtremIO

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60 What is a service contract?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 61

An organization deployed a storage system that is configured with erasure coding. The erasure coding technique divides data into five data segments and two coding segments.

What is the maximum number of drive failures supported in the storage system?

- A. 2
- B. 5 C. 7
- D. 10

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

An organization wants to deploy performance sensitive applications to meet their business requirements. Which type of storage device is suitable?

- A. SATA drive
- B. Solid-state drive
- C. SAS drive
- D. Optical disk drive

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

An e-card company uses the Cloud to enable chat services between its sales representatives and consumers. Holiday periods create seasonal demand on IT resources. The e-card company wants to select a billing model that optimizes IT resource costs.

Which billing model should the company choose?

- A. Recurring
- B. User-based
- C. Pay-as-you-go
- D. Subscription

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

DRAG DROP

Match each key functions of service operation management with its objective.

Select and Place:

<u>Function</u>	<u>Objective</u>
Problem management	Maintain information on components and their relationships that needs to be managed to deliver services
Incident management	Restore cloud services to normal operational state as quickly as possible when unplanned events cause an interruption or downgrade to service quality
Information security management	Prevent incidents that share common symptoms and root causes from reoccurring, and minimize adverse impact of incidents that cannot be prevented
Service asset and configuration management	Prevent occurrence of incidents or activities adversely affecting the confidentiality, integrity, and availability of information in cloud services and service management processes

Correct Answer:

<u>Function</u>	<u>Objective</u>
	Service asset and configuration management
	Incident management
	Problem management
	Information security management

Section: (none)
Explanation

Explanation/Reference:

QUESTION 65 What is a common characteristic of organizations that have adopted modern applications to unlock digital business advantage?

- A. They focus on compelling user experiences and responsive designs
- B. They leverage only their internal IT infrastructure to develop and deploy applications
- C. They leverage only the public cloud to develop and deploy applications
- D. They focus on meeting internal users' demands rather than customers' expectations

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference: