Cisco 210-451 Exam

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Question No: 1
Which description of the elasticity of a Cloud-based infrastructure is true?

A. provides dynamic on-demand provisioning of services in near real time

B. enables sharing of resources and costs across a large pool of users

C. multisite architecture to reduce impact from outages in any one site

D. provides a security posture that is manageable from a single point of control

Answer: A

Question No: 2
Which characteristic is an inoperative attribute of a private Cloud deployment?

A. self service and on demand

B. shared by many companies

C. highly scalable

D. metered for reporting or billing purposes

Answer: B

Question No: 3
Which option is one essential characteristic of Cloud computing?

A. It must use virtualization.

B. It must provide load balancing services.

C. It must provide on-demand self service.

D. It must run on open source software.

Answer: C

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Question No: 4
What are the five specific characteristics common to the Cloud environments?

A. on-demand usage, ubiquitous access, multi-tenancy, measured usage, resiliency

B. on-demand usage, ubiquitous access, tiered-tenancy, measured usage, resiliency

C. on-demand usage, autonomous access, multi-tenancy, measured usage, resiliency

D. dynamic usage, ubiquitous access, multi-tenancy, measured usage, resiliency

Answer: A

Question No: 5
Which best describes a Saas Cloud model?

A. infrastructure that presents the user with an operating system allowing programming language execution environment for testing database and web servers

B. infrastructure that virtualizes server functions on a hypervisor

C. infrastructure that provides elastic storage and computing resources

D. a platform that provides access to application software or database resources

Answer: D

Question No: 6
IaaS is an acronym for what type of Cloud?

A. Instances as a Service

B. Infrastructure as a Service

C. Internet as a Service

D. Images as a Service

Answer: B

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Question No: 7
Which Cloud service model is appropriate for a physical data center move to the Cloud?

A. Infrastructure as a Service

B. Platform as a Service

C. Compute as a Service

D. Software as a Service

Answer: A

Question No: 8
Which statement defines Cloud Service Models?

A. infrastructure as a service, software as a service, platform as a service

B. internet as a service, software as a service, platform as a service

C. infrastructure as a service, big data as a service, platform as a service

D. infrastructure as a service, software as a service, grid as a service

Answer: A

Question No: 9
Which best describes a Cloud deployment model that relies on interoperability between Cloud providers?

A. Hybrid Cloud

B. Multi-Cloud

C. InterCloud

D. Community Cloud

Answer: C

Question No: 10
Which three options are considered Cloud deployment models? (Choose three.)

A. Public Cloud

B. Hybrid Cloud

C. Open Cloud

D. Private Cloud

E. Stack Cloud

F. Distributed Cloud

Answer: A, B, D

Question No: 11
Company ABC hosts all their applications internally. During one day of the month, the demand for their applications far exceeds the capacity of their datacenter. Which Cloud model should Company ABC consider using?

A. Community

B. Private

C. Hybrid

D. Public

Answer: C

Question No: 12
Which option lists the Cloud deployment models?

A. public, community, private, hybrid

B. cluster, community, private, hybrid

C. public, performance, private, hybrid

D. public, community, secure, hybrid

Answer: A

Question No: 13
What is an invalid Cloud deployment model?

A. distributed

B. private

C. community

D. hybrid

Answer: A

Question No: 14
Which three options are Common Cloud characteristics? (Choose three.)

A. single tenancy

B. elasticity

C. ubiquitous network access

D. metered service

E. QoS

Answer: B, C, D

Question No: 15
Which description of Cisco vPath is true?

A. a protocol that provides end-to-end path assurance for Cloud-based systems

B. an embedded intelligence in Cisco VEM that provides abstracted control and forward plane
functionality

C. a service that provides forwarding plane abstraction for inline redirection of traffic for vServices

D. a vService that allows for security policy enforcement through transparent bridging

Answer: C

Question No: 16
Which two options are benefits of the Cisco InterCloud Solution? (Choose two.)

A. enforces standardization on a single hypervisor product

B. provides self service for hybrid resources

C. management of heterogeneous SAN solutions

D. secure connectivity between public and private Clouds

Answer: B, D

Question No: 17
Which three are the components of Cisco InterCloud solution? (Choose three.)

A. Cisco InterCloud Fabric Director

B. Cisco InterCloud Fabric Provider Platform

C. Cisco InterCloud Fabric Secure Cloud Extension

D. Cisco InterCloud Fabric Portal

E. Cisco InterCloud Fabric Secure Cloud Protocol

F. Cisco InterCloud Fabric Service Platform

Answer: A, B, C

Question No: 18
The Cisco InterCloud Fabric Director provides what functionality?

A. It is the single point of management and consumption for hybrid Cloud solutions.

B. It is the single point of management and consumption for public Cloud solutions.

C. It is the single point of management and consumption for private Cloud solutions.

D. It is a plugin of a Virtual Machine Manager to provide management and configuration for hybrid Cloud solutions.

Answer: A

Question No: 19
Which API structure does Cisco UCS Manager support?

A. JSON

B. XML

C. RUBY

D. PERL

Answer: B

Question No: 20
Which option is used to manage Multi-Domain Cisco UCS?

A. Cisco UCS Manager

B. Cisco UCS Central

C. Cisco UCS B-Series

D. Cisco UCS C-Series

Answer: B

Question No: 21
Which administrative task is most disruptive to a Cisco UCS B-Series cluster?

A. reboot of a Fabric Interconnect

B. changing the switching mode of a Fabric Interconnect

C. re-seating a server

D. resetting an IOM

Answer: B

Question No: 22
Which option contains server hardware identifiers, firmware, state, configuration, and connectivity characteristics?

A. pools

B. policies

C. service profiles

D. resource groups

Answer: C

Question No: 23
What are the key features of UCS?

A. 10 Gigabit unified network fabric, virtualization optimization, unified management, service profiles, flexible 10 options

B. Gigabit network , virtualization optimization, unified management, service profiles, flexible 10 options

C. 10 Gigabit unified network fabric, virtualization hardware, unified management, service profiles, performance 10 options

D. 10 Gigabit unified network fabric, virtualization optimization, unified management, service profiles, performance 10 options

Answer: A

Question No: 24
Which option are the correct steps to regenerate a UCS B-Series SSL certificate?

A.
Open an SSH session to the CIMC IP
scope security
scope keyring default
set regenerate yes
commit-buffer

B.
Open an SSH session to the CIMC IP
scope certificate
set regenerate yes
commit-buffer

C.
Open an SSH session to the CIMC IP
scope security
scope certificate
set regenerate yes
commit-buffer

D.
Using the UCSM GUI
Navigate to the Ad min tab
Expand ALL> Key Management
Right-click Key Management and choose regenerate certificate
Click OK

Answer: A

Question No: 25
Which of the following most accurately describes the default role of Server Equipment Administrator in UCSM?

A. Read and write access to physical server related operations. Read access to the rest of the system.

B. Read and write access to logical and physical server related operations. Read and write access to the rest of the system.

C. Read and write access to logical and physical server related operations. Read access to the rest of the system.

D. Read and write access to physical server related operations. Read and write access to the rest of the system.

Answer: A

Question No: 26
VMware's ESXi Hypervisor is a Type-1 hypervisor. What does this mean?

A. It should be placed first in your data center.

B. It runs a conventional operating system and abstracts the guest operating system from its host system.

C. It should only be run in class 1 data centers with high availability.

D. It runs directly on the host hardware to control and manage the guest operating systems.

Answer: D

Question No: 27
Where is the Hypervisor installed?

A. Host operating system

B. Guest operating system

C. Control node

D. Computer node

Answer: D

Question No: 28
Which of these are hypervisors typically utilized in a modern data center?

A. VMware, HyperV, Linux