

Vendor:Cisco

**Exam Code:**210-451

Exam Name: Understanding Cisco Cloud

**Fundamentals** 

Version: Demo

## **QUESTION 1**

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

Correct Answer: BD

### **QUESTION 2**

Which of the following statements is false?

A. VM high availability enables the restarting of virtual machines that were running on hosts that failed.

B. Live migration is a disaster recovery feature that allows the migration of VMs after a physical server suffers a major hardware failure.

C. Resource load balancing allows automatic host selection when you are creating a virtual machine.

D. VM fault tolerance reserves double the resources a virtual machine requires.

Correct Answer: B

#### **QUESTION 3**

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

Correct Answer: D

## **QUESTION 4**

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.

Correct Answer: A

#### **QUESTION 5**

Cisco APICs utilize sharding to provide what function for an ACI fabric?

- A. It provides scalability and reliability to the data sets generated and processed by the Distributed Policy Repository, the endpoint registry, the Observer, and the Topology Manager
- B. It provides replication of application network policies across the APICs in the cluster
- C. It provides a method for determining which APIC will act as the master in a fabric during the election process
- D. It provides horizontal scaling ability for policy management on APICs

Correct Answer: A

#### **QUESTION 6**

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.

Correct Answer: A

## **QUESTION 7**

An engineer is running a lab environment on a local PC and wants to simulate a production ESXi environment. Which type of virtualization technology can the engineer deploy on the machine without compromising the ability to use the operating system on the local machine?

- A. Type 2 hypervisor
- B. Type 1 hypervisor
- C. desktop mobility
- D. horizon view

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## **QUESTION 8**

What best describes the live migration of a virtual machine from one host to another?

- A. It requires shutting down the virtual machine before migration
- B. It requires that the I/O and CPU calls be quiesced to ensure that as the CPU and memory state of a VM is able to be transferred between hosts without interruption of services
- C. It requires that the filesystem of the virtual machine be migrated to the new host before the state can be
- D. The virtual machine will be unavailable for a few seconds while it is suspended, transferred and then reinstated

Correct Answer: B

#### **QUESTION 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

Correct Answer: C

### **QUESTION 10**

Which of the following features enables cloud computing pooling characteristics?

- A. Fault tolerance
- B. Live migration
- C. High availability
- D. Resource load balancing

Correct Answer: D

## **QUESTION 11**

A company wants to take advantage of the latest virtualization technologies while still ensuring high levels of security, privacy, corporate control, and management visibility. Which cloud deployment model meets these requirements?

A. hybrid		
B. private		
C. public		
D. community		
Correct Answer: A		

## **QUESTION 12**

What two protocols does a physical switch and Nexus 1000V support? (Choose two.)

A. MPLS

B. STP

C. ARP

D. CDP

Correct Answer: CD

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