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Vendor:Cisco

Exam Code:300-465

Exam Name:Designing the Cisco Cloud

Version:Demo

QUESTION 1

Which three options does Cisco Intercloud Fabric provide? (Choose three.)

- A. Workload security throughout the resulting hybrid clouds.
- B. Ability to build, test, and validate IaaS architecture in a nonproduction environment without affecting other existing deployments.
- C. Increase the business and time-to-service revenue with cloud infrastructures.
- D. Usage-based, per customer costing in multitenant cloud environments.
- E. Highly secure, scalable connectivity to extend private clouds to service provider clouds.
- F. Consistent operations and workload portability across clouds.

Correct Answer: AEF

QUESTION 2

To best leverage Cisco UCS stateless computing, the server manager has decided to boot from an existing storage array.

Which type of storage must be provisioned for the boot LUNs?

- A. block
- B. hybrid
- C. object
- D. file

Correct Answer: A

QUESTION 3

Which hypervisor supports VM Lockstep Protection?

- A. VMWare
- B. HyperV
- C. Oracle
- D. Citrix

Correct Answer: A

QUESTION 4

Which two options are Cisco Intercloud Fabric use cases? (Choose two.)

- A. development and testing
- B. capacity reduction
- C. legal compliance
- D. secure administrative access
- E. shadow IT control

Correct Answer: AE

Reference:

http://www.cisco.com/c/en/us/td/docs/solutions/Hybrid_Cloud/Intercloud/Intercloud_Fabric/Intercloud_Fabric_1.html

QUESTION 5

A cloud administrator must deploy a virtualized multi tenant data center. The admin focuses efforts on restricting access control. Which product is most beneficial to this effort?

- A. ASA 5585 access control firewalls
- B. Cisco Virtual WAAS
- C. FirePOWER Next Generation Intrusion Prevention System
- D. Cisco Nexus 1000v (virtual access switch)

Correct Answer: C

QUESTION 6

A customer wants to interconnect two geographically separated private clouds. A V-Block design is running in both locations. The customer wants to provide IP connectivity between remote data center sites via the MPLS core of their ISP. The connection must meet these requirements:

Maintain loop prevention

Ensure that storage and data center traffic are load-balanced between both locations

Ensure that disaster recovery is easily managed and implemented at Layer 2 and Layer 3 throughput.

Which DCI technology satisfies these requirements?

- A. PVC

B. IPsec VPN

C. SSL VPN

D. L2VPN

E. OTV

Correct Answer: D

QUESTION 7

Which benefit is realized by deploying a hosted cloud infrastructure on Cisco ACI?

A. multitenancy and context-aware workflows

B. built on OpenFlow for full ecosystem integration

C. software-only solution built on commodity hardware

D. created in partnership with VMware for tight integration with NSX

Correct Answer: A

QUESTION 8

A cloud administrator is considering methods for securing the cloud infrastructure. Which three statements about data plane protection are true? (Choose three.)

A. You must preplan security policies and test them thoroughly before you implement them in an automated fashion.

B. Define security policies after the creation of virtual machine environments.

C. Storing sensitive information on the cloud is permissible as long as the data center architecture is resilient.

D. Out-of-date corporate security policies contribute to data exposure.

E. Encrypting data at rest on the disk is extremely helpful in assuring data protection within a cloud-based data center.

F. Data encryption is enforced only when an application requires it.

Correct Answer: ABE

QUESTION 9

Which three options are benefits of Cisco Intercloud Fabric? (Choose three.)

A. integration of third-party solutions into the Cisco UCS Director management platform with a publicly available software development kit

- B. provides a choice of cloud providers such as Amazon Web Service, Microsoft Azure, and Cisco Intercloud services
- C. provides a single point of management and control for virtual workloads across multiple provider clouds
- D. enables workload mobility to and from service provider clouds for virtual workloads
- E. extensive enhancements for VMware, VCE, and EMC solution components
- F. support for Hewlett Packard Onboard Administrator to install bare-metal blades and manage them using Cisco UCS Director's task library

Correct Answer: BCD

Provides a choice of cloud providers, such as Amazon, Azure, and Cisco Intercloud Services Provides a single point of management and control for virtual workloads across multiple public clouds Enables workload mobility to and from service provider clouds for virtual workloads

Reference: http://www.cisco.com/c/en/us/td/docs/cloud-systems-management/cisco-intercloud-fabric/cisco-intercloud-fabric-for-business/2-3-1/release-notes/b_Cisco_Intercloud_Fabric_Release_Notes_Release_2_3_1.pdf

QUESTION 10

Which three infrastructure security elements are important when designing a secure multi tenant environment? (Choose three.)

- A. internal and external separation using 802.1q and virtual port channels
- B. NGPS
- C. high availability and redundancy
- D. storage separation, redundancy, and security (data-at-rest encryption)
- E. physical firewalls
- F. VSG

Correct Answer: ACD

Internal and external separation using 802.1q and virtual port channels (vPCs)

Storage separation, redundancy, and security (data-at-rest encryption)

High availability (HA) and redundancy

Reference: http://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/VMDC/Cloud_Security/1-0/DG/ICSecurity/ICSecurity2.pdf

QUESTION 11

A customer wants to automate some tasks within a private cloud. The customer previously deployed VM-focused infrastructures but now prefer a solution that meets these requirements.

Enables better performance and lower overhead than VMs

Enables environment abstraction at the OS level

Boots in milliseconds

Offers stable, maximum performance independent of workloads

Which technology satisfies these requirements?

- A. KVM
- B. container-based virtualization
- C. FlexPod
- D. higher-performance VMs
- E. Vblock

Correct Answer: B

QUESTION 12

An organization wants to simplify the support model for their private cloud by having a single number to call for support for their Cisco Nexus, UCS, and NetApp storage.

Which Cisco converged infrastructure solution accomplishes this goal?

- A. FlexPod
- B. SmartStack
- C. Vblock
- D. VersaStack

Correct Answer: A

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