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Exam : **E20-020**

Title : Cloud Infrastructure Specialist
Exam for Cloud Architects

Vendor : EMC

Version : DEMO

NO.1 Which networking technology is required for application HA in contrast to host HA or operating system HA?

- A. Multipath routing
- B. Shared storage
- C. Load balancing
- D. VLANs

Answer: B

Explanation:

Symantec ApplicationHA could perhaps be described as the pairing of Veritas Cluster Server with VMware HA. Veritas Cluster server has been a leading clustering solution for many years with its excellent cross-platform support. Veritas Cluster Server uses a shared storage model to provide high availability References:

<http://www.blueshiftblog.com/?p=443>

NO.2 An organization has internal applications that require block, file, and object storage. They anticipate the need for multi-PB storage within the next 18 months. In addition, they would prefer to use commodity hardware as well as open source technologies.

Which solution should be recommended?

- A. Cinder
- B. Hadoop
- C. Swift
- D. Ceph

Answer: D

NO.3 When implementing QoS across a cloud network, how is storage traffic usually prioritized?

- A. Most important
- B. More important than tenant traffic but less important than management traffic
- C. More important than management traffic but less important than tenant traffic
- D. Least important

Answer: C

NO.4 You are creating a cloud infrastructure design for an organization. The cloud design includes physical servers with hypervisors which will be used to host consumer services.

The hosts are managed through a hypervisor element manager.

Which step should be taken to secure the hypervisor environment?

- A. Place the element manager administrative interfaces on a consumer-facing network and hypervisor administrative interfaces on an isolated network
- B. Place the element manager administrative interfaces on a consumer-facing network and hypervisor administrative interfaces on a secure network
- C. Place the element manager and hypervisor administrative interfaces on a secure network
- D. Place the element manager and hypervisor administrative interfaces on a consumer-facing network

Answer: C

NO.5 An organization wants to enable consumers to deploy IaaS and PaaS instances from a service catalog. These instances will all be deployed on a specific hypervisor. The organization has informed you that they want to use a preferred server vendor when building their new private cloud. What must be confirmed about the design?

- A. Server hardware is compatible with PaaS solution
- B. Server hardware is on the hypervisor vendor's compatibility list
- C. Server hardware is supported by the service catalog solution
- D. IaaS instances have the compatible drivers for the physical server hardware

Answer: B

NO.6 Which infrastructure does VCE Vblock represent?

- A. Brownfield
- B. Traditional
- C. Hyper-converged
- D. Converged

Answer: D

Explanation:

Vblock is the brand name VCE uses for racks containing the components of its data center products. Prepackaging, called converged infrastructure, allows customers to select preconfigured and integrated solutions, with predictable units of power, weight, cooling, and geometry for data center planning purposes.

References:

<https://en.wikipedia.org/wiki/Vblock>

NO.7 A cloud architect is designing a hybrid cloud for an organization. A requirement for this environment is that the private cloud user credential be trusted by both cloud provisioning APIs. Which type of authentication will meet this requirement?

- A. Federated authentication
- B. Asymmetric encryption
- C. Symmetric encryption
- D. Shared-key authentication

Answer: A

Explanation:

A federated identity in information technology is the means of linking a person's electronic identity and attributes, stored across multiple distinct identity management systems.

References:

https://en.wikipedia.org/wiki/Federated_identity