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Vendor:EMC

Exam Code:E20-018

Exam Name:Virtualized Data Center and Cloud
Infrastructure Design Specialist

Version:Demo

QUESTION 1

What should you use when you require consistent backups for ease of recovery?

- A. VM-based backup and image-based backup
- B. Storage-based backup only
- C. Hypervisor-based ("VM as flat file") backup
- D. Storage-based backup and VM-based backup

Correct Answer: A

QUESTION 2

A large enterprise has virtualized heavily in their data center. All virtual machines in the enterprise are built from standardized baseline templates. Based on these image templates, they have set configuration best practices and implementation workflows.

Recently, the company has started to see performance issues on several production-critical virtual guests. In responding to the performance issues, the cause was found to be incorrectly configured vNIC parameters in the virtual guests.

Which service should be implemented to identify deviations in the deployed servers from the baseline templates, and to remediate any such deviations?

- A. Change management reporting
- B. CMDB automation
- C. Policy-driven configuration management
- D. Incident management runbook automation

Correct Answer: C

QUESTION 3

Which backup solution(s) are possible candidates when there is a need to restore specific files on a VM?

- A. VM-based backup and image-based backup
- B. Storage-based backup only
- C. Hypervisor-based ("VM as flat file") backup
- D. Storage-based backup and image-based backup

Correct Answer: A

QUESTION 4

A software manufacturer is planning to convert their VDC to IaaS. As part of the transformation to IaaS the company realizes they have to make several organizational changes. They have already obtained executive sponsorship and made all the necessary organizational changes.

Which is the most likely next step in their transformation process?

- A. Evaluate technical and relationship skills and perform a gap analysis
- B. Build trust in the system so that the lines of business will use the services
- C. Cross train operations, development, and test to remove silos and form collaborative teams
- D. Reorganize IT as a whole to support IaaS.

Correct Answer: A

QUESTION 5

When using logging to maintain server security, which is the key element for intrusion detection and should be contained the server logs?

- A. Vulnerability scan that identifies susceptible services that are active on the server.
- B. Results of penetration testing through uncover problem probable weaknesses.
- C. An entry for each application transaction with details of the organization.
- D. Alerts to suspicious activities that require further investigation.

Correct Answer: D

QUESTION 6

After virtualizing an x86 server workload, users report that a custom application is performing poorly. You investigate the issue and find that the resources on the host do not appear to be constrained. However, you discover that the application on the guest operating system has an abnormally high number of context switches.

What should you do to resolve the issue?

- A. Deploy additional hosts
- B. Move to a Type 2 hypervisor
- C. Use software-assisted virtualization
- D. Turn on hardware virtualization in the BIOS

Correct Answer: D

QUESTION 7

Which solution should be the primary choice for protection against accidental data deletion?

- A. Backup
- B. Local replication
- C. Remote replication
- D. Fault-tolerant cluster with hot standby VM

Correct Answer: A

QUESTION 8

You are using virtual (thin) provisioning to reduce the amount of physical storage that is initially required for an implementation.

On the storage array, you configure a pool that contains 20 TB of physical storage and then define several LUNs that total 100 TB. These LUNs are presented to several hypervisor clusters. Virtual Machines are subsequently created using a thick format for the virtual hard disks.

What is the maximum capacity that can be allocated for VM hard disks in this configuration?

- A. 20 TB
- B. 100 TB
- C. 120 TB
- D. 2000 TB

Correct Answer: A

QUESTION 9

What is a benefit of archiving data to the cloud using Atmos and FMA?

- A. Auto-deletes aging files
- B. Provides elastic object storage
- C. Improves search and index
- D. Accelerates file retrieval speed

Correct Answer: B

QUESTION 10

What can the consumer manage and control when subscribing to cloud Software as a Service (SaaS)?

- A. OS settings
- B. Network settings
- C. Application settings
- D. API module

Correct Answer: C

QUESTION 11

Your client has a block-based storage virtualization environment. They want to avoid losing data in the event of double disk failure.

Which technology do you suggest they deploy?

- A. RAID 5
- B. Eraser coding
- C. Mirrored RAID
- D. Multipathing

Correct Answer: B

QUESTION 12

What capabilities are needed to transform a VDC into IaaS?

- A. Self-service portal, service catalog, metering processes
- B. Self-service portal, pay-as-you-go
- C. Metering processes, multi-tenancy, termination agreements
- D. Pay-as-you-go, service catalog

Correct Answer: A