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E20-018

Virtualized Infrastructure Specialist Exam for
Cloud Architects

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Topic 1, Volume A

QUESTION NO: 1

What is the first phase of the Virtual Data Center Design Process?

- A. Evaluate technology options
- B. Create plan
- C. Perform initial analysis
- D. Gather data

Answer: D

Explanation:

QUESTION NO: 2

What is the key business goal when consolidating by business application?

- A. Virtualize the compute environment for efficiency
- B. Identify security gaps and increase security measures
- C. Reduce footprint by decreasing energy and space requirements
- D. Implement converged network technology for performance

Answer: A

Explanation:

QUESTION NO: 3

A large company with multiple heterogeneous arrays would like to take advantage of the performance simplified management benefits of storage virtualization. They have a data center transformation pain that includes producing power and cooling at a high priority.

Which storage virtualization method would meet their requirements?

- A. Network-based storage tiering
- B. Vertical storage tiering
- C. Server-based storage tiering
- D. Horizontal storage tiering

Answer: B

Explanation:

QUESTION NO: 4

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.

Answer: D

Explanation:

QUESTION NO: 5

What is a key VDC and cloud planning consideration for IT governance?

- A. Change management
- B. Regulations
- C. Separation of duties
- D. Creating trust zones

Answer: C

Explanation:

QUESTION NO: 6

A midsize company has deployed centralized storage and is currently planning to virtualize their servers. They have considered their application into Tiers, with Tier 1 application requiring the same service and performance levels of the current servers.

They have purchased new, high capacity servers for the virtualized environment and are planning to consolidate several physical servers into a single hypervisor. They are now determining the bandwidth requirements of the application in order to purchase the current number of FCME CNAs for each server.

The results of their analysis for Tier 1 application are as follows:

Average SAN Bandwidth: 3 Gb/s

Average LAN Bandwidth: 2 Gb/s

What is the minimum number of CNAs they would need to install on each server to meet the bandwidth required for the Tier 1 application while providing CAN redundancy and high availability?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

Explanation:

QUESTION NO: 7

What are three attributes of a cloud services design?

- A. Web-based APIs, shared resources, minimal capital expenditures
- B. Static service, fixed priced access, improved economics
- C. Accessed via a web portal, self-service, throttled access
- D. Dedicated resources, usage-based pricing, web-based APIs

Answer: A

Explanation:

QUESTION NO: 8

What would you identify as a business application in applying IT as a Service to IT processes?

- A. Defined workflow request processes
- B. Funded as a cost center
- C. Virtual data center best practices
- D. SLA-driven management

Answer: A