

E20-018^{Q&As}

Virtualized Data Center and Cloud Infrastructure Design Specialist

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QUESTION 1

When surveying an existing application environment to free up resources, which type of systems should be initially identified?

- A. Systems that can be combined, replaced, or obsoleted
- B. Systems whose data can be comingled
- C. Systems that have minimal GRC or security requirements
- D. Systems that can be migrated easily to a virtual environment

Correct Answer: A

QUESTION 2

This is the correct order of steps in the recommended risk assessment process?

1.
Quick risk (L/M/H) check
 2.
Mitigation
 3.
Full risk assessment
 4.
Deploy
 5.
Evaluate
- A. True
 - B. False

Correct Answer: A

QUESTION 3

What is (are) included in internal and external attestation?

- A. SSAE 16 assessment

- B. Internal and external audits
- C. 27002 risk assessment
- D. IT and service provider audits

Correct Answer: B

QUESTION 4

A customer is determining whether the risk involved in migrating in-house data to a third- party cloud provider is acceptable.

Which step should be performed after the initial evaluation of the asset?

- A. Run a full risk assessment
- B. Leverage standards to mitigate risks
- C. Run a second asset evaluation
- D. Deploy the environment

Correct Answer: B

QUESTION 5

You decide to pursue a "scale-up" approach instead of a "scale-out" approach to storage. What fundamental tradeoff have you most likely made?

- A. Simplicity of management versus improved scalability
- B. Improved availability versus limited scalability
- C. Ease of storage tiering versus poor resource utilization
- D. Higher application throughput versus degraded response time

Correct Answer: A

QUESTION 6

For the last five years, a company has relied on an application to process test results from a manufacturing facility, then generate and archive quality reports. The code can run on any Microsoft Windows Server O/S.

The application was created by a third party company that is no longer in business. The source code is no longer available.

What best describes this?

- A. Vendor lock-in

- B. A legacy application
- C. An enterprise application
- D. Service-oriented architecture

Correct Answer: A

QUESTION 7

A criminal act is committed by one of the tenants in a multi-tenant environment where customer data also resides.

What would be a key design recommendation to minimize risk of exposure to the customer data in this situation?

- A. Sufficient data isolation
- B. Physically separate storage
- C. Physically separate servers
- D. Restrictive file permissions

Correct Answer: A

QUESTION 8

A company has invested in virtualization for all of their non-mission critical applications and many of their mission critical applications. The now want to convert their virtualized silos that are still owned by each line-of-business into a true VDC.

What is the primary ("#1") business driver for doing this?

- A. Efficiency
- B. Hyper-consolidation
- C. CAPEX reduction
- D. OPEX reduction

Correct Answer: A

QUESTION 9

A VDC administrator needs to create a virtual distributed file system. Which file storage protocol would best meet their requirement?

- A. iSNS
- B. pNFS

C. NFS

D. NTFS

Correct Answer: B

QUESTION 10

Which application virtualization architectures usually require the use of a packager to prepare the application for deployment?

A. Streaming, presentation

B. Thick install, thin install

C. Presentation, thick install

D. Thin install, streaming

Correct Answer: D

QUESTION 11

Applications of different criticality have been deployed on a collection of virtual servers. In an effort to save cost, a business continuity plan has been devised to provide half the number of physical servers to host the virtual machines at the disaster recovery site.

What is a likely outcome if a disaster were to occur at the primary site?

A. Application performance would be degraded

B. Data would not be available to applications

C. Application URLs could not be resolved

D. Application data would be lost

Correct Answer: A

QUESTION 12

A small company is deploying VDI as part of a VDC initiative. The storage array currently being used for VDI and other applications uses SSD, SAS and NL SAS drives. The SSDs are used exclusively by the email servers; the SAS and NL SAS drives are used by all the applications, including VDI. Each application is configured to use one or more storage pools.

Every morning at 9:00 AM, the performance of all applications connected to the storage array degrades significantly for a period of time and then returns to normal.

How can this issue be resolved with the least capital expenditure, in the shortest amount of time, and without impacting the normal performance of the applications?

- A. Migrate the LUNs on the SSDs to SAS drives, then allocate the SSDs to a caching tier.
- B. Purchase new SSDs to use for VDI deployment.
- C. Purchase new SSDs for the other (non-VDI) applications.
- D. Migrate the LUNs on the SSDs to SAS drives, then allocate the SSDs to the VDI storage pool.

Correct Answer: A

QUESTION 13

What is IT's approach to addressing performance issues during the IT-as-a-Service phase of the Cloud Maturity Model?

- A. Selective
- B. Investigative
- C. Proactive
- D. Reactive

Correct Answer: C

QUESTION 14

Which is a valid method for modifying an application environment to support more clients and increased data throughput?

- A. Vertically scale by increasing resources on existing nodes
- B. Migrate the application from SSD to SAS storage
- C. Migrate the application from SAS to NL SAS storage
- D. Horizontally scale using a closed loop system

Correct Answer: A

QUESTION 15

What cloud characteristic provides computing resources that facilitate multiple consumers using a multi-tenant model, with different physical and virtual components that are dynamically assigned and reassigned based on demand?

- A. On-demand self-service
- B. Resource pooling
- C. Rapid elasticity

D. Measured service

Correct Answer: B

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