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QUESTION 1

You need to modify an application environment to support more clients and increased data throughput. What is a valid method?

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 2

What would you describe is a key characteristic of cloud platform as a Service (PaaS)?

A. Direct control over the underlying infrastructure

B. Cloud hosted integrated development environment

C. Home-grown programming environment

D. Cloud hosted, in house built tools

Correct Answer: B

QUESTION 3

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 4

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 5

In addition to security requirements, what are components of a GRC profile?

A. Risk level, assessment date, regulations

B. Healthcare and financial audits, terms of service, service termination agreement

C. Availability reporting, risk level, regulations

D. Risk level, terms of service, service termination agreement

Correct Answer: A

QUESTION 6

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

Correct Answer: C

QUESTION 7

What should be the primary means of protection against accidental data deletion?

A. Backup

B. Local replication

C. Remote replication

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D. Fault-tolerant cluster with hot standby VM

Correct Answer: A

QUESTION 8

A VDC application design dictates the use of multiple hypervisors with array LUNs that are directly provisioned to each VM. The application data has an active lifetime of 6 to 9 months, after which it is rarely accessed. The need is to re-purpose several storage arrays from different vendors and performance capabilities.

Which technology should be considered for the VDC storage design?

A. Block-level storage virtualization

B. File-level virtualization with global namespace

C. Thin-on-thin provisioning

D. Intra-array storage tiering

Correct Answer: A

QUESTION 9

Which type of application is represented by virus scanning software, email clients, and word processing software?

A. Horizontal

B. Mobile

C. Enterprise

D. Legacy

Correct Answer: A

QUESTION 10

A tenant commits a criminal act in a multi-tenant environment where customer data also resides.

What key design feature would minimize risk of exposure to customer data in the future?

A. Ensure sufficient data isolation

B. Deploy physically separate storage

C. Deploy physically separate servers

D. Implement restrictive file permissions

Correct Answer: A

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QUESTION 11

What are the two primary reasons for creating services in the service catalog?

A. Standardization, providing consumers with business relevant options

B. Standardization, providing consumers with templates for selection

C. Setting prices, limiting resource consumption

D. Setting prices, deploying security policies

Correct Answer: A

QUESTION 12

To address security concerns when configuring a server, why should you avoid the use of non-persistent disks?

A. Increasing the RAID level reduces the number of points that can be attacked

B. Security limits vMotion flexibility

C. Disk segmentation reduces the risk of security attacks

D. A system reboot can remove traces of attacks

Correct Answer: D

QUESTION 13

A customer has to improve a test/dev environment infrastructure as quickly as possible, not within weeks or months. They also have limited resources available.

Considering their timeline, what type of infrastructure would they most likely have to choose?

A. Cloud

B. International virtualized environment with shared resources

C. Internal VDC with automation

D. VDG

Correct Answer: A

QUESTION 14

What is its approach to addressing performance issues during the Virtualize phrase of the cloud maturity mode?

A. Selective

B. Investigative

C. Proactive

D. Reactive

Correct Answer: D

QUESTION 15

An administrator has implemented a hypervisor cluster with high availability enabled. They are expecting that if any of the physical servers fail, the virtual servers will be transparently migrated to other hypervisors in the cluster.

When the first hypervisor failure occurs, all of the hosted virtual servers appear offline to users as they are moved to another host.

Which feature should the administrator have implemented to achieve their goal?

A. Online Migration

B. Load Balancing

C. Resource Pooling

D. Fault Tolerance

Correct Answer: D

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