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Vendor:EMC

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Exam Name: Virtualized Data Center and Cloud Infrastructure Design Specialist

Version: Demo

QUESTION 1

What is the benefit of storage technologies such as data deduplication and data compression?

A. Improved storage efficiency

B. Improved storage security

C. Simplified storage configuration

D. Increase storage allocation

Correct Answer: A

QUESTION 2

Which aspect of data security is addressed by TLS?

A. Secure data transport to and from the application over the network

B. Secure block data transfer between the host and storage array

C. Encryption of data at rest on a storage device

D. Centralized key management for data encryption

Correct Answer: A

QUESTION 3

Which mode of IPSec encrypts only the payload of the IP packet?

A. Trusted

B. Transparent

C. Transport

D. Tunnel

Correct Answer: C

QUESTION 4

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

What is an important technical capability gained from doing this?

A. Reduces provisioning from days to minutes

B. Leverages a multi-tenant environment

C. Prepares the data center for cloud

D. Cuts energy consumption dramatically

Correct Answer: A

QUESTION 5

A company has to implement a test/dev environment infrastructure as quickly as possible. The company does not have weeks or months to accomplish this. They also have limited resources available.

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

A. An offering from a cloud service provider

B. A traditional data center

C. An internal, virtualized environment with shared resources

D. An internal, virtualized data center with automation

Correct Answer: A

QUESTION 6

A hypervisor running several virtual servers crashes, and all virtual servers are restarted on another

hypervisor.

When the applications restart, they replay log files to bring data up to date.

Which type of consistency does this situation represent?

A. Eventual consistency

B. Offline consistency

C. Crash consistency

D. Application consistency

Correct Answer: D

QUESTION 7

An organization supporting 12,000 desktop PCs is considering implementing VDI. What is a benefit of moving forward with a VDI plan?

A. Ease of addressing compliance issues

B. Reduced impact on network infrastructure

C. No change in desktop management methods and tools

D. Immediate cost savings

Correct Answer: A

QUESTION 8

You have a requirement to encrypt data that will be stored in several SAN-attached storage systems,

including both disk arrays and tape libraries.

Which

solution would address this requirement?

A. Cisco SME

B. VMAX D@RE

C. PowerPath/VE with RSA Encryption

D. EMC VPLEX

Correct Answer: A

QUESTION 9

Why is it important to identify business objectives prior to planning and designing a virtual infrastructure?

A. IT objectives are the same as business objectives

B. IT objectives drive business objectives

C. IT objectives are linked to business objectives

D. Business objectives are a higher priority than IT objectives

Correct Answer: C

QUESTION 10

What are the two common factors that drive a company to institute a company-wide compliance program?

A. Execute mandate, private breaches

B. Regulations, security breaches

C. Security breaches, privacy breaches

D. Migrating data to Virtualize data center, security breaches

Correct Answer: B

QUESTION 11

Which product enables storage tiering to be extended to the host platform?

A. VFCache

B. PowerPath/VE

C. VPLEX

D. VNX

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