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QUESTION 1

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 2

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 3

A small company has two data centers located 30 km apart. You have been asked to design a VDC in each of the two data centers, using stretched VLANs and native Fibre Channel extension to interconnect the environments. After inquiring with the local service providers, you find that only two strands of dark fiber are available.

Which distance networking technology is the most appropriate?

A. CWDM

B. DWDM

C. Dark Fiber

D. MPLS

Correct Answer: A

QUESTION 4

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

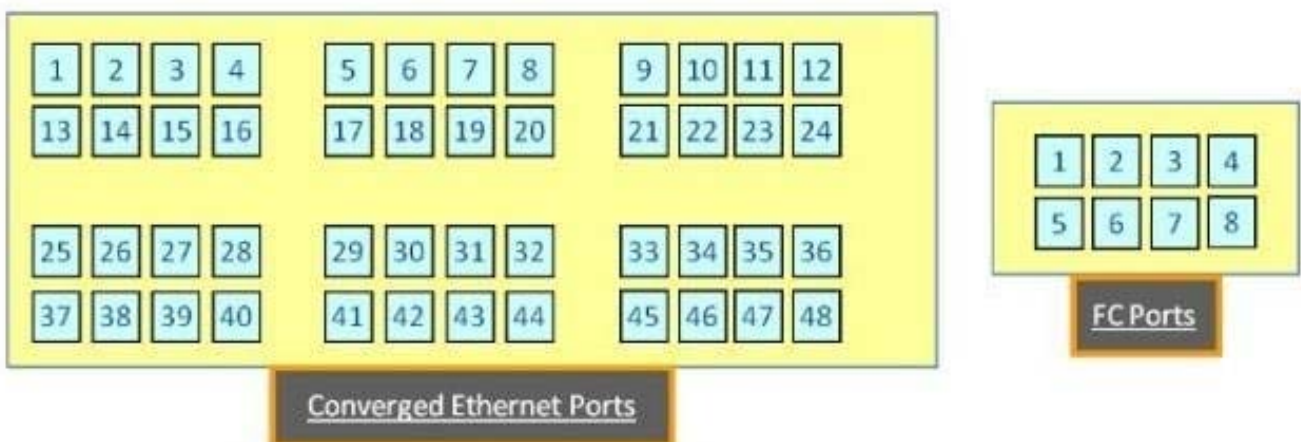C. Internal VDC with automation

D. VDG

Correct Answer: A

QUESTION 5

Which services are typically offered by cloud service providers?

A. Bundled storage, applications, operating systems

B. Operating environment, virtualization, applications

C. Software, platform, infrastructure

D. Compute, storage, connectivity

Correct Answer: C

QUESTION 6

Refer to the exhibit.

A VDC architect has acquired switches to be used as converged access layer switches. All Fibre Channel traffic operates at 8 Gbps and

all ports operate at line-rate. All the FC ports will be configured as ISLs and be connected to the SAN core switches. An equal number of converged ports will be configured as standard Ethernet ports and connected to the aggregation layer switches.

What is the expected oversubscription ratio of the FC ports on

this switch?

A. 3:1

B. 5:1

C. 6:1

D. 8:1

Correct Answer: B

QUESTION 7

A customer has asked you to develop a framework for assuming that the cloud Part of this will resume an assessment development.

Where should you lock first for assessment criteria and technologies?

A. International standards

B. Internal IT development

C. Company metadata

D. Industry best practices

Correct Answer: D

QUESTION 8

What error accounts for 99% of the reasons why recovery and availability fail?

A. Failures in automation scripts

B. Configuration drift

C. Failure to test for corrupted Backups

D. Environmental issues

Correct Answer: B

QUESTION 9

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 10

A hypervisor has been deployed so that all VMs share the same storage array LUN for their respective virtual disks. Array-based replication has been implemented for BC/DR. A restore of a single VM is now required.

What would happen if you attempt to recover an individual VM?

A. All VMs will be reverted.

B. Only the restored VM will need to be restarted.

C. None of the VMs will be restartable.

D. Only the restored VM will be reverted.

Correct Answer: A

QUESTION 11

When applying compliance principles to your company\'s VDC and cloud architectures, how should you approach your information life cycle management strategy?

A. Data of reset

B. Archival and offsite storage

C. Production and backup

D. Inception to completion

Correct Answer: B

QUESTION 12

Which aspect of data security does SSL address?

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 13

A company is planning the backup strategy for their virtual machine environment. They are considering migrating to an image based backup model.

Where image-based backup would be processed in the environment?

A. On the virtual server

B. On a separate host

C. On the SAN

D. On the storage array

Correct Answer: C

QUESTION 14

A company has virtualized all their non-mission critical applications and many of their mission critical applications. They now want to convert those virtualized silos that are still owned by the lines of business into a true VDC.

What is an important technical capability gained from doing this?

A. Provisioning time is reduced by deploying standard services

B. A multi-tenant environment can be leveraged to deploy custom services

C. The data center is ready to deploy cloud services

D. Energy consumption is cut dramatically due to increased consolidation

Correct Answer: A

QUESTION 15

You need to survey an existing application environment to free up resources. Which type of systems should you initially identify?

A. Those that can be combined, replaced, or obsoleted

B. Those whose data can be comingled

C. Those that have minimal GRC or security requirements

D. Those that can be migrated easily to a virtual environment

Correct Answer: A

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