Module 2 Assessment (CV0-003)

- Due Apr 13 at 11:59pm
- Points 20
- Questions 20
- Available after Apr 8 at 12am
- Time Limit 45 Minutes
- Allowed Attempts 2

Instructions

You have two attempts to take this assessment with the highest score being retained. The assessment has a time limit of 45 minutes.

Suggestion: take the assessment at the beginning of the module and then after the reading and assignments are done. You can then use the results of both to gauge your learning and retention.

<div style="border:1px solid red; padding:10px; display:inline-block">Take the Quiz Again</div>

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	13 minutes	17 out of 20

⚠ Answers will be shown after your last attempt

Score for this attempt: 17 out of 20
Submitted Apr 8 at 3:52pm
This attempt took 13 minutes.

⋮⋮

Question 1

1 / 1 pts

You need to ensure that a hypervisor can still boot and function in the event of an operating system disk crash. What should you configure?

○ Configure RAID 0

◉ Configure RAID 1

○ Enable a failover cluster

○ Enable synchronous replication

⋮⋮

Question 2

1 / 1 pts

Which data tier would you recommend for a mission-critical database that needs to be highly available all the time?

◉ Tier 1

○ Tier 2

○ Tier 3

○ Tier 4

⁝⁝

IncorrectQuestion 3

0 / 1 pts

What RAID level would be used for a database file that requires minimum write requests to the database, a large amount of read requests to the database, and fault tolerance for the database?

RAID 10

RAID 1

RAID 5

RAID 0

◉ RAID 1+0

○ RAID 1

○ RAID 5

○ RAID 0

⁝⁝

Question 4

1 / 1 pts

Which of the following file systems was designed to protect against data corruption and is a 128-bit file system?

○ NTFS

○ UFS

◉ ZFS

○ FAT

⁝⁝

Question 5

1 / 1 pts

To conserve disk space, you wish to ensure disk volumes do not store duplicate data blocks. What should you enable?
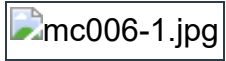
○ Compression

○ Thin provisioning

◉ Deduplication

○ Thick provisioning

⋮⋮

IncorrectQuestion 6

0 / 1 pts

🖼 mc006-1.jpg Refer to the exhibit. What kind of storage replication is represented?

○ Regional replication

◉ Synchronous replication

○ Multiregional replication

○ Asynchronous replication

⋮⋮

Question 7

1 / 1 pts

To reduce cloud storage costs, you would like only frequently used data to be stored on the fastest cloud storage. What should you configure?

○ Increased IOPS

◉ Storage tiers

○ RAID 0

○ Scaling

⋮⋮

Question 8

1 / 1 pts

What kind of compression would be used to store a data backup for your organization?

◉ Lossless

○ Full

○ Lossy

○ Incremental

⋮⋮

Question 9

1 / 1 pts

Which type of network storage is accessible using standard file sharing protocols?

◉ NAS

○ iSCSI

○ SAN

○ LUN

⠿

IncorrectQuestion 10

0 / 1 pts

What does NAS normally appear as to a client operating system?

◉ A disk

○ A file server

○ An FTP server

○ An object

⠿

Question 11

1 / 1 pts

A cloud database virtual machine uses four separate disk volumes. Each disk volume needs to grow dynamically. What should you use to configure the disks?

◉ Thin provisioning

○ Thick provisioning

○ Object storage

○ Tokenization

⠿

Question 12

1 / 1 pts

What type of synchronization technology waits until all replicas confirm data rights before notifying an appthat data has been committed to disk?

○ Cloning

○ Failover zone

○ Asynchronous

◉ Synchronous

⠿

Question 13

1 / 1 pts

What type of synchronization technology does not wait until all replicas confirm data rights before notifying an app that data has been committed to disk?

○ Cloning

○ Synchronous

◉ Asynchronous

○ Failover zone

⁞

Question 14

1 / 1 pts

You are deploying a new cloud virtual machine. The virtual machine will host an app that is very disk I/O intensive. While creating the virtual machine, what should you configure?

○ Replication

○ Storage mirroring

○ Decrease IOPS

◉ Increase IOPS

⁞

Question 15

1 / 1 pts

To reduce cloud storage costs, you would like to put old data on slower, less expensive storage. What should you configure?

○ Decreased IOPS

○ RAID 1

◉ Storage tiers

○ Scaling

⁞

Question 16

1 / 1 pts

After creating a large number of virtual machines, you notice that your shared storage space is critically low. What can you do to help alleviate the storage problem as quickly and cheaply as possible?

◉ Thin provision the virtual machines

○ Add more drives to the shared storage

○ Thick provision the virtual machines

○ Overprovision the shared storage

⁞

Question 17

1 / 1 pts

A cloud database virtual machine uses four separate disk volumes. Each disk volume needs to be fully allocated at the start. What should you do to configure the disks?

○ Thin provisioning

○ Object storage

◉ Thick provisioning

◯ Tokenization

⋮⋮

Question 18

1 / 1 pts

Jerri is learning about cloud storage systems. She is interested in learning about high-speed network storage solutions. What would you recommend she focus her research on?

◯ Block access

◯ Zoning

◯ VMFS

◉ SAN

⋮⋮

Question 19

1 / 1 pts

What system was developed to address the different types of storage needs a cloud consumer may require for availability, response times, backups, and economics?

◯ RAID

◯ Multipathing

◉ Tiering

◯ Policies

⋮⋮

Question 20

1 / 1 pts

Which of the following is considered a SAN protocol?

◉ FCP

◯ IDE

◯ SSD

◯ DTE

Quiz Score: 17 out of 20