CV0-003 Q&As

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QUESTION 1

A systems administrator is deploying a GPU-accelerated VDI solution. Upon requests from several users, the administrator installs an older version of the OS on their virtual workstations. The majority of the VMs run the latest LTS version of the OS.

Which of the following types of drivers will MOST likely ensure compatibility will all virtual workstations?

A. Alternative community drivers

B. Legacy drivers

C. The latest drivers from the vendor\\'s website

D. The drivers from the OS repository

Correct Answer: D

The drivers from the OS repository are the drivers that are included or available in the official software repository or package manager of the operating system. The drivers from the OS repository are most likely to ensure compatibility with all virtual workstations that use a GPU-accelerated VDI solution, as they are tested and verified to work with different versions of the operating system and the hardware. The drivers from the OS repository can also provide stability and security, as they are regularly updated and patched by the operating system vendor or community. References: CompTIA Cloud+ Certification Exam Objectives, page 11, section 1.6

QUESTION 2

Which of the following contributes to increased read access performance on a fibre channel SAN?

A. Zoning

B. Clustered storage

C. Caching

D. QoS

Correct Answer: C

QUESTION 3

Following is a sample result from a recently completed load test.

Type	Capacity	Utilization
CPU	2	25%
Memory	4GB	20%
Storage	2TB	65%

Based on the information provided, which of the following would be the BEST recommendation?

A. Use the test result as a benchmark and document it.

B. Downsize the CPU and memory assignment.

C. Decrease assigned storage capacity.

D. Implement storage compression.

Correct Answer: D

QUESTION 4

A cloud administrator has built a new private cloud environment and needs to monitor all computer, storage, and network components of the environment.

Which of the following protocols would be MOST useful for this task?

A. SMTP

B. SCP

C. SNMP

D. SFTP

Correct Answer: C

Simple Network Management Protocol (SNMP) is a protocol that enables monitoring and managing network devices and components in an IP network. SNMP can help monitor all computer, storage, and network components of a private cloud environment, as it can collect and report information about their status, performance, configuration, and events. SNMP can also help troubleshoot and optimize the private cloud environment, as it can detect and alert any issues or anomalies related to the network devices and components. References: CompTIA Cloud+ Certification Exam Objectives, page 15, section 2.8

QUESTION 5

A company is utilizing a private cloud solution that is hosted within its datacenter. The company wants to launch a new business application, which requires the resources below:

Maximum concurrent sessions	Number of nodes required	Required per-node vCPU	Required per-node RAM
1,000	2	4	32
5,000	4	6	64
10,000	6	8	64
25,000	8	8	128

The current private cloud has 30 vCPUs and 512GB RAM available. The company is looking for a quick solution to launch this application, with expected maximum sessions to be close to 24,000 at launch and an average of approximately

5,000 sessions.

Which of the following solutions would help the company accommodate the new workload in the SHORTEST amount of time and with the maximum financial benefits?

A. Configure auto-scaling within the private cloud

B. Set up cloud bursting for the additional resources

C. Migrate all workloads to a public cloud provider

D. Add more capacity to the private cloud

Correct Answer: B

Cloud Bursting can be used for both compute and storage. This question is about compute capability. "Compute Bursting" unleashes the high-performance compute capabilities of the cloud for processing locally created datasets. (reference:

https://www.ctera.com/it-initiatives/cloud-bursting/)

https://azure.microsoft.com/en-us/overview/what-is-cloud-bursting/

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