Free Questions for CV0-003

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Question 1

Question Type: MultipleChoice

An organization is conducting a performance test of a public application. The following actions have already been completed:

* The baseline performance has been established.

* A load test has passed.

* A benchmark report has been generated.

Which of the following needs to be done to conclude the performance test?

Options:

A- Verify the application works well under an unexpected volume of requests.
B- Assess the application against vulnerabilities and/or misconfiguration exploitation.
C- Test how well the application can resist a DDoS attack.
D- Conduct a test with the end users and collect feedback.

Answer:

A

Explanation:

To conclude the performance test of a public application, the organization needs to verify the application works well under an unexpected volume of requests.This is also known as a stress test, which is a type of performance test that evaluates the behavior and stability of the application under extreme conditions1.A stress test can help identify potential bottlenecks, errors, or failures that may occur when the application is subjected to a sudden surge or spike in demand2.A stress test can also help determine the maximum capacity and scalability of the application3.

Question 2

Question Type: MultipleChoice

A cloud administrator who is troubleshooting DNS issues discovers zone transfers are not occurring between the primary and secondary name servers due to an error in the serial

numbers. Which of the following records should the administrator query for the serial number?

Options:

A- PTR
B- TXT
C- SOA
D- SRV

Answer:

C

Explanation:

SOA stands for Start of Authority, and it is a type of DNS record that contains information about a DNS zone, such as the name of the primary name server, the email address of the zone administrator, the serial number of the zone, and other parameters. The serial number is used to indicate when a zone has been updated, and it is incremented by the primary name server whenever a change is made to the zone dat

a. The secondary name servers use the serial number to determine if they need to request a zone transfer from the primary name server to synchronize their data.

Question 3

Question Type: MultipleChoice

A private IaaS administrator is receiving reports that all newly provisioned Linux VMs are running an earlier version of the OS than they should be. The administrator reviews the automation scripts to troubleshoot the issue and determines the scripts ran successfully. Which of the following is the MOST likely cause of the issue?

Options:

A- API version incompatibility
B- Misconfigured script account
C- Wrong template selection
D- Incorrect provisioning script indentation

Answer:

C

Explanation:

The wrong template selection is the most likely cause of the issue of newly provisioned Linux VMs running an earlier version of OS than they should be in a private IaaS environment. A template is a preconfigured image or blueprint of a VM that contains an OS, applications, settings, etc., that can be used to create new VMs quickly and consistently. A template may have different versions or updates depending on when it was created or modified. If a template is selected incorrectly or not updated properly, it may result in creating VMs with an older or different version of OS than expected.

Question 4

Question Type: MultipleChoice

A systems administrator is performing an OS upgrade on a production VM. Which of the following actions should the administrator take before the upgrade to ensure the FASTEST recovery of the system in case the upgrade fails in an unrecoverable way?

Options:

A- Submit the upgrade to the CAB.
B- Perform a full backup.
C- Take a snapshot of the system.
D- Test the upgrade in a preproduction environment.

Answer:

C

Explanation:

A snapshot is an image of your system/volume at a specific point in time. It captures the entire file system as it was when the snapshot was taken.When a snapshot is used to restore the system, the system will revert to exactly how it was at the time of the snapshot1. Snapshots are designed for short-term storage and fast recovery.They do not need a lot of storage space or time to create copies234.

Taking a snapshot of the system before the OS upgrade would ensure the fastest recovery of the system in case the upgrade fails in an unrecoverable way. The administrator could simply restore the system from the snapshot and avoid any data loss or corruption. This would be much faster and easier than performing a full backup or testing the upgrade in a preproduction environment.

Question 5

Question Type: MultipleChoice

A systems administrator is troubleshooting issues with audio lag during phone conferences. When looking at the core switch, the administrator notices its buffers are consistently full, and packets are being dropped due to the large number being sent and received. There is no room in the budget for new hardware, but it is critical that the audio lag be fixed immediately. Which of the following will most likely resolve the issue?

Options:

A- Enable compression of audio traffic.
B- Configure QoS rules for VoIP traffic.
C- Verify that the gateway uplink is not saturated.
D- Add an exception to IPS for voice traffic.

Answer:

B

Explanation:

Quality of Service (QoS) rules can be configured to prioritize certain types of traffic, such as voice over IP (VoIP) traffic. This can help reduce audio lag during phone conferences by ensuring that VoIP packets are delivered faster and with less delay than other types of traffic. QoS rules can be applied at different levels of the network, such as the core switch, the router, or the firewall. By configuring QoS rules for VoIP traffic, the administrator can avoid packet drops and buffer overflows that can affect the quality of the audio.Reference: [CompTIA Cloud+ CV0-003 Study Guide], Chapter 3, Objective 3.2: Given a scenario, troubleshoot network connectivity issues.

Question 6

Question Type: MultipleChoice

A cloud administrator is performing automated deployment of cloud infrastructure for clients. The administrator notices discrepancies from the baseline in the configuration of infrastructure that was deployed to a new client. Which of the following is most likely the cause?

Options:

A- The deployment user account changed
B- The deployment was done to a different resource group.
C- The deployment was done by a different cloud administrator.
D- The deployment template was modified.

Answer:

D

Explanation:

A deployment template is a file that defines the resources and configurations that are required to deploy a cloud solution1.A deployment template can be used to automate the deployment of cloud infrastructure for clients, ensuring consistency and efficiency2. However, if the deployment template was modified, either intentionally or accidentally, it could cause discrepancies from the baseline in the configuration of infrastructure that was deployed to a new client.For example, the template could have different parameters, values, or dependencies that affect the outcome of the deployment3. Therefore, the most likely cause of the issue is that the deployment template was modified.

1: What is a template?- Azure Resource Manager | Microsoft Docs3

2: Automate cloud deployments with Azure Resource Manager templates - Learn | Microsoft Docs3

3: CompTIA Cloud+ CV0-003 Exam Objectives, Objective 2.2: Given a scenario, deploy and test a cloud solution

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