CV0-003^{Q&As}

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QUESTION 1

A cloud administrator has finished setting up an application that will use RDP to connect. During testing, users experience a connection timeout error.

Which of the following will MOST likely solve the issue?

A. Checking user passwords

B. Configuring QoS rules

C. Enforcing TLS authentication

D. Opening TCP port 3389

Correct Answer: D

TCP port 3389 is the default port used by Remote Desktop Protocol (RDP) to connect to a remote system or application over a network. Opening TCP port 3389 on the firewall or network device will most likely solve the issue of users experiencing a connection timeout error when trying to use RDP to connect to an application, as it will allow RDP traffic to pass through. If TCP port 3389 is closed or blocked, RDP traffic will be denied or dropped, resulting in a connection timeout error. References: CompTIA Cloud+ Certification Exam Objectives, page 15, section 2.8

Reference: https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/troubleshoot/rdp-error-general-troubleshooting

QUESTION 2

A company would like to migrate its current on-premises workloads to the public cloud. The current platform requires at least 80 instances running at all times to work properly. The company wants the workload to be highly available, even if

the cloud provider loses one region due to a catastrophe, and the costs to be kept to a minimum. Which of the following strategies should the company implement?

A. Create /25 subnets in two regions and run 80 instances on each one.

B. Create /26 subnets in two regions and run 40 instances on each one.

C. Create /26 subnets in three regions and run 40 instances on each one

D. Create /26 subnets in three regions and run 80 instances on each one.

Correct Answer: C

1.at least 80 instances running at all times to work 2.wants the workload to be highly available, even if the cloud provider loses one region due to a catastrophe 3.costs to be kept to a minimum

The choice of /26 subnets allows for up to 64 IP addresses, which is sufficient for running 40 instances in each region - Respect al 3 requirements

By running 40 instances in each region, the company can achieve the desired level of availability while keeping costs lower - So, we have cost optimization !

By distributing the workload across three regions, the company ensures redundancy and fault tolerance. They want AT LEAST 80 instances.

QUESTION 3

A cloud engineer, who manages workloads in a public cloud environment, uses autoscaling to maintain availability of a critical application. During a recent burst in demands, the engineer received the following error alert:

LimitedInstanceCapacity

Which of the following is MOST likely cause of the error?

A. The cloud account has a misconfigured security group.

B. The cloud account has exhausted the number of instances quota.

C. The cloud account has had rights revoked to create instances.

D. The autoscaling feature does not have permissions to create instances.

Correct Answer: B

QUESTION 4

A cloud architect is reviewing the design for a new cloud-based ERP solution. The solution consists of eight servers with a single network interface. The allocated IP range is 172.16.0.0/28. One of the requirements of the solution is that it must be able to handle the potential addition of 16 new servers to the environment. Because of the complexity of the firewall and related ACL requirements, these new servers will need to be in the same network range. Which of the following changes would allow for the potential server addition?

A. Change the IP address range to use a 10.0.0.0 address.

B. Change the server template to add network interfaces.

C. Change the subnet mask to use a 255.255.255.128 range.

D. Change the server scaling configuration to increase the maximum limit.

Correct Answer: C

QUESTION 5

Given the metric below:

	Monday	Tuesday	Wednesday	Thursday	Friday
CPU utilization	20%	70%	40%	30%	20%
Disk latency	5ms	5ms	5ms	25ms	25ms
WAN latency	45ms	45ms	45ms	45ms	45ms
RAM utilization	20%	25%	30%	35%	45%

Using iSCSI storage reports across three datacenters, which of the following recorded metrics indicates an anomaly in the performance?

A. Disk latency

B. CPU utilization

C. WAN latency

D. RAM utilization

Correct Answer: D