CV0-003 Q&As

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QUESTION 1

A cloud administrator is responsible for managing a VDI environment that provides end users with access to limited applications. Which of the following should the administrator make changes to when a new application needs to be provided?

A. Application security policy

B. Application whitelisting policy

C. Application hardening policy

D. Application testing policy

Correct Answer: B

QUESTION 2

An organization\\'s two-node, hybrid container cluster is experiencing failures during horizontal scaling to the cloud cluster instance. The on-premises IP range is 192.168.0.0/16, and the cloud environment is 10.168.0.0/16. Overlapping or stretched VLANs are not permitted, and a node is deployed in each location. The cloud monitoring agent reports a healthy status for the second instance, but when pinging the clusters from on premises, the following output is received:

pinging cluster1. comptia. containers.com C192.168.100 reply pinging cluster2. comptia. containers.com [192.16B .100 .128] request timed out

Which of the following is the most likely reason for the scaling failure?

A. Incorrect DNS entry

B. Offline cluster node

C. Incorrect proxy entry

D. Incorrect cluster IP

E. Incorrect IP route

Correct Answer: E

An incorrect IP route is the most likely reason for the scaling failure, as it prevents the communication between the on-premises and cloud cluster nodes. The ping output shows that the DNS entry for cluster2.comptia.containers.com is resolved to an IP address in the cloud environment (192.168.100.128), but the request times out, indicating a network connectivity issue. An incorrect proxy entry, an offline cluster node, or an incorrect cluster IP would not cause the DNS resolution to fail. An incorrect DNS entry would not cause the ping request to time out. References: CompTIA Cloud+ CV0-003 Exam Objectives, Objective 2.2: Given a scenario, deploy and test a cloud solution ; Configuring clusters, scaling, and monitoring for hybrid api management ...1 ; CompTIA Cloud+ : Cloud High Availability and Scaling - Skillsoft2

QUESTION 3

An IT professional is selecting the appropriate cloud storage solution for an application that has the following requirements:

The owner of the objects should be the object writer. The storage system must enforce TLS encryption.

Which of the following should the IT professional configure?

A. A bucket

B. A CIFS endpoint

C. A SAN

D. An NFS mount

Correct Answer: A

A bucket Comprehensive Explanation: A bucket is a cloud storage solution that allows users to store and access objects, such as files, images, videos, etc. A bucket is typically associated with object storage services, such as Amazon S3,

Google Cloud Storage, or Microsoft Azure Blob Storage123. A bucket has the following characteristics that match the requirements of the application:

The owner of the objects is the object writer. This means that the user who uploads or writes an object to the bucket becomes the owner of that object and can control its access permissions456. The storage system enforces TLS encryption.

This means that the data in transit between the client and the bucket is encrypted using the Transport Layer Security (TLS) protocol, which provides security and privacy for the communication . A CIFS endpoint, a SAN, and an NFS mount

are not cloud storage solutions, but rather network protocols or architectures that enable access to storage devices

QUESTION 4

A cloud administrator is configuring several security appliances hosted in the private IaaS environment to forward the logs to a central log aggregation solution using syslog. Which of the following firewall rules should the administrator add to allow the web servers to connect to the central log collector?

A. Allow UDP 161 outbound from the web servers to the log collector

B. Allow TCP 514 outbound from the web servers to the log collector

C. Allow UDP 161 inbound from the log collector to the web servers

D. Allow TCP 514 inbound from the log collector to the web servers

Correct Answer: B

Reference: https://serverfault.com/questions/144427/how-to-store-etckeeper-repositories-on-a-central-server-via-git/678371#678371

QUESTION 5

A systems administrator is securing a new email system for a large corporation. The administrator wants to ensure private corporate information is not emailed to external users. Which of the following would be MOST useful to accomplish this task?

A. DLP

B. EDR

C. DNSSEC

D. SPF

Correct Answer: A

The most useful tool to prevent private corporate information from being emailed to external users is data loss prevention (DLP). DLP is a type of security solution that monitors and controls the flow of data in and out of a system or network. It can detect and prevent unauthorized access, transmission, or leakage of sensitive data, such as personal information, financial records, or intellectual property. DLP can also enforce encryption, masking, or deletion of sensitive data to protect its confidentiality. Reference: CompTIA Cloud+ Certification Exam Objectives, Domain 2.0 Security, Objective 2.5 Given a scenario, apply data security techniques in the cloud.