Question 1

Which measures can be taken to prevent unauthorized access to cloud instances and services?

Options:

A- Use multi-factor authentication, implement firewall rules, and back up data off-site.

B- Implement block-chain tokens, use encrypted protocols, and encrypt the data on storage systems.

C- Replicate data to another datacenter, use multi-factor authentication, and encrypt data on storage systems.

D- Implement firewall rules, authentication, authorization, and encrypted protocols.

Answer:

D

Question 2

A company's IT associate has been asked to switch to single-user mode on a running Linux server in order to perform some troubleshooting. Of the options below, which is the best way of doing this?

Options:

A- su single

B- init singleuser

C- lsu 1

D- linit 1

Answer:

D

Question 3

Question Type: MultipleChoice

An IT associate is researching technology options to use at a company. The company's application requires a Linux server, features a small memory footprint, and runs mostly web services and a few back-end applications. Which of the following would allow for the most efficient use of system resources and fast startup speeds?

Options:

A- Containers

B- Hybrid Cloud

C- Physical hardware

D- Virtualization

Answer:

A

Question 4

Question Type: **MultipleChoice**

Which of the following commands is used to display SELinux status?

Options:

A- svstemctl

B- sestatus

C- firewall-cmd

D- sudo

Answer:

B

Question 5

Question Type: **MultipleChoice**

An IT associate is working with a video streaming provider. What is a common approach to reduce bandwidth cost while supporting the same or an increasing number of video streams and customers?

Options:

A- Stop serving the video streams when a certain price limit is reached.

B- Reduce the bitrate to reduce the size of the video streams.

C- Serve the video streams only to a limited number of users at a time.

D- Use a content delivery network to distribute the streams.

Answer:

D

Question 6

After installing the package 'postfix', what command would you run in order to ensure that Postfix is started on reboot?

Options:

A- /etc/init.d/enable postfix

B- enable postfix on

C- postfix -onboot yes

D- svstemctl enable postfix

Answer:

D

Question 7

An IT associate is creating a business case to adopt a DevOps approach in an organization. Which of the following is a benefit of DevOps to include in the business case?

Options:

A- The DevOps tool framework reduces the mean time to recovery and number of outaqes, which results in increased sales.

B- Developers take on the work of the operations team. The operations team, therefore, needs fewer people, reducing the number of people the organization needs to pay.

C- The frequency and stability of software deployments will be increased, which can lead to faster time to market.

D- The new DevOps team takes over the work the development team does not have time to complete. The developers then have time to create new features.

Answer:

C

Question 8

Which of the following would be the most appropriate use-case for a Function as a Service (FaaS) implementation?

Options:

A- An application that requires a local file system

B- An application that continuously polls for work to process

C- An event-driven application with dynamic scaling

D- An application that requires a regionally- or globally-distributed file system

Answer:

C

Question 9

A host seems to be running slowly. What command would help diagnose which processes are using system resources?

Options:

A- df

B- free

C- uptime

D- lop

Answer:

D