1.A client application requires operating system privileges on relational database server.What is an appropriate configuration for a highly available database architecture?

A standalone Amazon EC2 instance

Amazon RDS in a Multi-AZ configuration

Amazon EC2 instances in a replication configuration utilizing a single Availability Zone

Amazon EC2 instances in a replication configuration utilizing two different Availability Zones

➔ **PASS**

2.You need to pass a custom script to new Amazon Linux instances created in your Auto Scaling group.Which feature allows you to accomplish this?

User data

EC2Config service

IAM roles

AWS Config

3.An Auto-Scaling group spans 3 AZs and currently has 4 running EC2 instances.When Auto Scaling needs to terminate an EC2 instance,by default AutoScaling will: (Select 2)

Terminate the instance with the least active network connections.If multiple instances meet this criterion one will be randomly selected

Terminate an instance in the AZ which currently has 2 running EC2 instances

Send an SNS notification if configured to do so

Randomly select one of the 3 AZs,and then terminate an instance in that AZ

Allow at least five minutes for Windows/Linux shutdown scripts to complete before terminating the instance

➔ **PASS**

➔

4.Which of the following notification endpoints or clients are supported by Amazon Simple Notification Service?(select two)

Email

CloudFront distribution

File Transfer Protocol

Simple Network Management Protocol

➔ **PAS**S

5. Your application currently stores data on an unencrypted EBS volume.A new security policy mandates that all data must be encrypted at rest

How can you encrypt the data?

Create a snapshot of the volume.Create a new,encrypted volume from the snapshot.Replace the volume

Stop the instance.Detach the volume.Modify the EBS settings to encrypt the volume.Reattach the volume.Start the instance

Create a snapshot of the volume.Make an encrypted copy of the snapshot.Create a new volume from the new snapshot.Replace the volume

Modify the EBS settings to encrypt the volume.You do need to detach the volume or stop the instance

➔ **PAS**S

6.You are running a web application with four Amazon EC2 instances across two Availability Zones.The instances are in an Auto Scaling group behind an ELB Classic Load Balancer.A scaling event adds one instance to the group.After the event,you notice that,although all instances are serving traffic,some instances are serving more traffic than others.

Which of the following could be the problem?

Cross-zone load balancing is not configured on the ELB Classic Load Balancer

Access logs are not enabled on the ELB Classic Load Balancer

A SSL/TLS certificate has not been deployed on the ELB Classic Load Balancer

Sticky bits is not enabled on the ELB Classic Load Balancer

http://docs.aws.amazon.com/elasticloadbalancing/latest/classic/enable-disable-crosszone-lb.html

7.Which of the following are true regarding encrypted Amazon Elastic Block Store(EBS) volumes?(Select 2)

Supported on all Amazon EBS volume types

Snapshots are automatically encrypted

Available to all instance types

Existing volumes can be encrypted

Shared volumes can be encrypted

Sure

➔ A B

8.Your security team requires each Amazon ECS task to have an IAM policy that limits the task's privileges to only those required for its use of AWS services.

How can you achieve this?

Use IAM roles for Amazon ECS tasks to associate a specific IAM role with each ECS task definition

Use IAM roles on the Amazon ECS container instances to associate IAM role with each ECS task on that instance

Connect to each running amazon ECS container instance and add discrete credentials

Reboot each Amazon ECS task programmatically to generate new instance metadata for each task

→ K chac

9.You have created an API powered by API gateway and AWS Lambda.Because of a new feature release,you expect traffic volume on your API to increase 10-fold

Which configuration should you use?

Use a multiple copies of the Lambda function, each with API Gateway as the trigger. You are changed per request not per function

Use one Lambda function with API Gateway as the trigger. AWS Lambda will allocate capacity to match the rate of incoming events

Use one Lambda function with API Gateway as the trigger. Increase the amount of memory configured for the Lambda function

Use multiple API Gateway endpoints, each triggering a Lambda function

➔ K chac

10.You bid $0.22 for an Amazon EC2 Spot Instance when the market price was $0.20.For 90 minutes,the market price remained at $0.20.Then the market price changed to $0.25,and your instance was terminated by AWS

What was your cost of running the instance for the entire duration?

$0.47

$0.20

$0.40

$0.22

➔ **PAS**S