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

A standalone Amazone 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 zone

2.You have been tasked with choosing a datastore to persist GPS coordinates for a new app.The service needs consistent,single-digit-millisencond latency at any scale.Which AWS service meets your requirements?

Amazon Redshift

Amazon DynamoDB

Amazon S3

Amazon RDS

3.Your company IT policy prohibits employees from handling application credentials.Any credentials must be rotated least monthly. You plan to deploy a new application on Amazon EC2 instances in an Auto Scaling group within a VPC.The application must access objects within an Amazon S3 bucket.The application will leverage an Amazon SDK.Which approach meets these requirements?

Have the appkication call AWS STS to obtain temporary credentials that have access privileges to the Amazon S3 bucket

Configure the application to retrieve temporary credentials frome the Amazon-provided server at 169.254.169.253

Launch the Amazon EC2 instances with an IAM role that has access privileges to the amazon S3 bucket

Configure an Amazon S3 bucket policy that grants the application access to the Amazon S3 bucket

➔ OK

4.A company has configured and peered two VPC-1 and VPC-2.VPC-1 contains only private subnets,and VPC-2 CONTAINS only public subnets.The company uses a single AWS Direct Connect connection and private virtual interface to connect their on premises network with VPC-1.Which two methods increases the fault tolerance of the connection to VPC-1?(2 TWO)

Estabilish a hardware VPN over the Internet between VPC-2 and the on-premises network

Estabilish a hardware VPN over the Internet between VPC-1 and the on-premises network

Estabilish a new AWS Direct Connect connection and private virtual interface in the same region as VPC-2

Estabilish a new AWS Direct Connect connection and private virtual interface IN A DIFFERENT AWS region than VPC-1

Estabilish a new AWS Direct Connect connection and and private virtual interface IN the same AWS region as VPC-1

➔ K sure

5. Which of the following requires a custom CloudWatch metric to monitor?
   A. Memory Utilization of an EC2 instance
   B. CPU Utilization of an EC2 instance
   C. Disk usage activity of an EC2 instance
   D. Data transfer of an EC2 instance
➔ **OK**
6.An application on an Amazon EC2 instance routinely stops responding to requests and requires a reboot to recover.The application logs are already exported into Amazon CloudWatch,and you notice that the problem consistently follows the appearance of a specific message in the log.The application team is working to address the bug,but has not provided a date for the fix.What work around can you implement to automate recovery of the instance untill the fix is deployed?

Create an Amazon CloudWatch alarm on an Amazon CloudWatch Logs filter for that message;based on that alarm,trigger an Amazon CloudWatch action to reboot the instance

Create an AWS CouldTrail alarm on low CPU;based on that alarm,trigger an Amazon SNS message to the Operations team

Create an Amazon CloudWatch alarm on instance memory usage;based on that alarm,trigger an Amazon CloudWatch action to reboot the instance

Create an AWS CouldTrail alarm to detect the deadlock,based on the alarm,trigger an Amazon SNS message to the Operations team

7.When creation of an EBS snapshot is initiated,but not completed,the EBS volume

Cannot be used until the snapshot completes

Can be used in read-only mode while the snapshot is in progress

Can be used while the snapshot is in progress

Cannot be detached or attached to an EC2 instance until the snapshot completes

8.Your company's IT policies mandate that all critical data must be duplicated in two physical locations at least 200 miles apart.

Which storage option meets this requirement?

Two Amazon S3 buckets in different regions

One Amazon S3 bucket

Two Amazon S3 buckets in the same region

9.You are designing a high performance computing(HPC) cluster.You will lauch 20 Amazon EC2 r3.2xlarge instances into a placement group.You need the highest packet-per-second performance and lowest latency for your application

Which configuration should you use?

Enable enhanced networking on all the Amazon EC2 instances

Assign a minimum of two elastic network interfaces per Amazon EC2 Instance

Lauch the Amazon EC2 instance across multiple Availability Zones

Enable EBS optimization on all the Amazon EC2 instances

➔ A

10.Which services can invoke AWS Lambda functions(2)

Amazon SNS

Amazon Redshift

Amazon Router53

Amazon DynamoDB
sss
Elastic Load Balancing