

1.A company is building software on AWS that requires access to various AWS services.Which configuration should be used to ensure that AWS credentials (i.e,Access Key ID/Secret Access Key combination) are not compromised

Enable Multi-Factor Authentication for your AWS root account XX

Assign an IAM role to the Amazon EC2 instance

Store the AWS Access Key ID/Secret Access Key combination in software comments XX

Assign an IAM user to the Amazon EC2 instance XX

→ B

2.Your application provides data transformation services.Files containing data to be transformed are first uploaded to Amazon S3 and then transformed by a fleet of spot EC2 instances.File submitted by your premium customers must be transformed with the highest priority.How should you implement such a system?

Use a single SQS queue.Each message contains the priority level.Transformation instances poll high-priority messages first

Use two SQS queues,one for high priority messages,the other for default priority.Transformation instances first poll the high priority queue;if there is no message,they poll the default priority queue

Use a DynamoDB table with an attribute defining the priority level.Transformation instances will scan the table for tasks.sorting the results by priority level

Use router 53 latency based-routing to send high priority tasks to the closest transformation instances.

B

Need verify/explain

3.You have been asked to design a NAT solution for your company 's VPC-based web application .Traffic from the private subnets varies throughout the day from 500Mbps to spikes of 7 Gbps

What is the most cost-effective and scalable solution?

More the Internet gateway for the VPC to a public subnet route all Internet traffic through the Internet gateway XX

Create an Amazon EC2 NAT instance with a second elastic network interface (ENI) in a public subnet:route all private subnet Internet traffic through the NAT gateway

Create a NAT gateway in a public subnet route all private subnet Internet traffic through the NAT gateway

Create an Auto Scaling group of Amazon EC2 NAT instances in a public subnet;route all private subnet Internet traffic through the NAT XX

Bandwidth	Supports bursts of up to 10Gbps.	Depends on the bandwidth of the instance type.
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4.A customer's security team requires the logging of all network access attempts to Amazon EC2 instances in their production VPC on AWS

Which configuration will meet the security team's requirement?

Enable CloudTrail for the production VPC

Enable VPC Flow Logs for the production VPC

Enable both CloudTrail and VPC Flow Logs for the production VPC

Enable both CloudTrail and VPC Flow Logs for the AWS account

5.Which AWS services are valid origins for an Amazon CloudFront distribution?(Select 2)

Amazon RDS

ELB Classic Load Balancer

Amazon S3

Amazon DynamoDB

Amazon Glacier

→ BC

→ PASS

6.You are running a Customer Relationship Management application and want to minimize costs.You need 400GB of disk space and 1000 IOPS,but occasionally up to 2000 IOPS

Which EBS volume types should you choose?

General Purpose SSD

Provisioned IOPS SSD with 1000 IOPS

Provisioned IOPS SSD with 2000 IOPS

Throughput-Optimized HDD

A PASS

7.A company is designing a hybrid IT architecture and requires a private connection between an on-premises data center and their virtual private cloud(VPC).Which of the following would enable the company to achieve this ?(Select 2)

AWS DataPipeline

ClassicLink

AWS Direct Connect

Amazon Route53

VPN connection