1.A company has a workflow that uploads video files from their data center to AWS for transcoding.They use Amazon EC2 worker instances that pull transcoding jobs from SQS.

Why is SQS an appropriate service for this scenario?

SQS can accommodate message payloads of any size XX

SQS check the health of the worker instances

SQS synchronously provides transcoding output

SQS decouples the transcoding task from the upload

https://aws.amazon.com/sqs/faqs/

2.Which of the following services natively encrypts data at rest within an AWS region(select 2)

AWS storage gateway

Amazon dynamodb

Amazon cloudfront

Amazon glacier

Amazon simple queue service

3.Per the AWS Acceptable Use Policy,penetration testing of EC2 instances:

May be performed by the customer on their own instances,only if performed from EC2 instances

May be performed by AWS,and is periodically performed by AWS

May be performed by AWS,and will be performed by AWS upon customer request

Are expressly prohibited under all circumstances

May be performed by the customer on their own instances with prior authorization from AWS

➔ **PASS**

4.You have a CloudFront distribution configured with the following path patterns:

a)static1/* -> an s3 bucket in us-east-1

b)*   -> an ELB in us-east-1

c)static2/* -> an S3 bucket in us-west-2

When users request objects that start with 'static2/'.they are receiving 404 response codes..

What might be the problem ?

CloudFront distributions cannot have origins in different AWS Regions

CloudFront distributions cannot have multiple different origin types

The '*'path pattern must appear after the 'static2/*' path.

The '*'path pattern must appear before 'static1/*' path.

➔ PASS

5.You are running a mobile media application and are considering API Gateway for the client entry point.

What benefits would this provide?(Select TWO)

Caching API responses

IP blacklisting

Intrusion prevention

Load balancing

Throttling traffic

6.You have been asked to architect a file system for user's home directories. The solution must be accessible simultaneously to individuals across an organization. Users and groups must have permissions defined at the file or directory level.

What AWS service can meet all of these requirements?

Amazon ebs

Amazon s3

Amazon EFS

Amazon dynamodb

https://aws.amazon.com/efs/faq/ Q. What use cases is Amazon EFS intended for?

7.Your Auto Scaling group is configured to launch one new Amazon EC2 instance if the overall CPU load exceeds 65% over a five-minute interval. Occasionally, the Auto Scaling group launches a second Amazon EC2 instance before the first is operational. The second instance is not required and introduces needless compute costs.

How can you prevent the Auto Scaling group from lauching the second instance?

Configure a lifecycle hook for your Auto Scaling group

Add a scaling-specific cooldown period to the scaling policy

Adjust the CPU threshold that triggers a scaling action

Attach a new launch configuration to the Auto Scaling group

8.You're building an API backend available at services.yourcompany.com. The API is implemented with API Gateway and Lambda. You successfully tested the API curl. You implemented javaScript to call the API from a webpage on your corporate website www.yourcompany.com. When you access that page in your browser, you get the following error:

"The same origin policy disallows reading the remote resource"

How can you allow your corporate webpages to invoke the API?

Add a policy.xss file to your website

Add a Policy:xss header to the API request

Enable CORS in the API Gateway

Enable CORS in the Javascript frontend

9.You have a Cassandra cluster running in private subnets in an Amazon VPC.A new application in a different Amazon VPC needs access to the database.

How can the new application access the database?

Set up a dual-homed instance with ENIs in both Amazon VPCs

Set up a VPC peering connection between the two Amazon VPCs

Set up a NAT   Gateway in the database's Amazon VPC

Set up a NAT Gateway in the application's Amazon VPC

10.A company is preparing to give AWS Management Console access to developers. Company policy mandates identity federation and role-based access control .Roles are currently assigned using groups in the corporate Active Directory. What combination of the following will give developers access to the AWS console?(Select TWO)

AWS Directory Service AD Connector

AWS Directory Service Simple AD

AWS Identity and Access Management groups

AWS Identity and Access Management roles

AWS Identity and Access Management users