You completed this test on *19/11/2021, 09:32*
Your score is 90.91%

CORRECT

Which of the following can limit Amazon Simple Storage Service (Amazon S3) bucket access to specific users?

A public and private key-pair

Amazon Inspector

✓ ***AWS Identity and Access Management (IAM) policies***

Security Groups

CORRECT

Which AWS security service protects applications from distributed denial of service attacks with always-on detection and automatic inline mitigations?

Amazon Inspector

AWS WAF

Elastic Load Balancing (ELB)

✓ **AWS Shield**

CORRECT

A web application running on AWS has been spammed with malicious requests from a recurring set of IP addresses. Which AWS service can help secure the application and block the malicious traffic?

AWS IAM

Amazon GaurdDuty

Amazon SNS

✓ **AWS WAF**

CORRECT

Which AWS service or feature can enhance network security by blocking requests from a particular network for a web application on AWS? (Choose two.)

✓ **AWS WAF**

AWS Trusted Advisor

AWS Direct Connect

AWS Organisations

✓ **Network ACLs**

A user would like to encrypt data that is received, stored, and managed by AWS CloudTrail. Which AWS service will provide this capability?

    AWS Secrets Manager

    AWS Systems Manager

  ✓ **AWS Key Management Service (AWS KMS)**

    AWS Certificate Manager

Which of the following services provides on-demand access to AWS compliance reports?

    AWS IAM

  ✓ **AWS Artifact**

    Amazon GaurdDuty

    AWS KMS

Which AWS service will provide a way to generate encryption keys that can be used to encrypt data? (Choose two.)

    Amazon Macie

AWS Certificate Manager

✓ **AWS KMS**

AWS Secrets Manager

✓ **AWS CloudHSM**

CORRECT

Which AWS service helps users meet contractual and regulatory compliance requirements for data security by using dedicated hardware appliances within the AWS Cloud?

AWS Secrets Manager

✓ **AWS CloudHSM**

AWS KMS

AWS Directory Service

CORRECT

Which AWS service provides the ability to detect inadvertent data leaks of personally identifiable information (PII) and user credential data?

Amazon GaurdDuty

Amazon Inspector

✓ **Amazon Macie**

AWS Shield

A user needs an automated security assessment report that will identify unintended network access to Amazon EC2 instances and vulnerabilities on those instances. Which AWS service will provide this assessment report?

EC2 security groups

AWS Config

Amazon Macie

✓ **Amazon Inspector**

How can a customer increase security to AWS account logons? (Choose two.)

Configure AWS Certificate Manager

✓ **Enable Multi-Factor Authentication (MFA)**

Use Amazon Cognito to manage access

✗ *Configure a strong password policy*

Enable AWS Organisations

Using AWS Identity and Access Management (IAM) to grant access only to the resources needed to perform a task is a concept known as:

restricted access

as-needed access

✓ *least privilege access*

token access

What does AWS Shield Standard provide?

WAF rules

✓ *DDoS protection*

IAM permissions and access to resources

Data encryption

A company needs protection from expanded distributed denial of service (DDoS) attacks on its website and assistance from AWS experts during such events. Which AWS managed service will meet these requirements?

✓ *AWS Shield Advanced*

AWS Firewall Manager

AWS WAF

Amazon GaurdDuty

CORRECT

Which AWS service or feature can be used to prevent SQL injection attacks?

Security groups

Network ACLs

✓ ***AWS WAF***

IAM policy

CORRECT

Which of the following is an AWS best practice for managing an AWS account root user?

Keep the root user password with the security team.

✓ ***Enable multi-factor authentication (MFA) for the root user.***

Create an access key for the root user.

Keep the root user password consistent for compliance purposes.

Which AWS IAM feature allows developers to access AWS services through the AWS CLI?

API keys

Access keys

User names/password

✕ *SSH keys*

How would an AWS customer easily apply common access controls to a large set of users?

✓ ***Apply an IAM policy to an IAM group.***

Apply an IAM policy to an IAM role.

Apply the same IAM policy to all IAM users with access to the same workload.

Apply an IAM policy to an Amazon Cognito user pool.

A company is launching an e-commerce site that will store and process credit card data. The company requires information about AWS compliance reports and AWS agreements. Which AWS service provides on-demand access to these items?

AWS Certificate Manager

AWS Config

✓ **AWS Artifact**

AWS CloudTrail

CORRECT

Which security service automatically recognizes and classifies sensitive data or intellectual property on AWS?

Amazon GuardDuty

✓ **Amazon Macie**

Amazon Inspector

AWS Shield

CORRECT

Which AWS service helps identify malicious or unauthorized activities in AWS accounts and workloads?

Amazon Rekognition

AWS Trusted Advisor

✓ **Amazon GuardDuty**

Amazon CloudWatch

Which AWS service allows users to download security and compliance reports about the AWS infrastructure on demand?

Amazon GuardDuty

AWS Security Hub

✓ ***AWS Artifact***

AWS Shield