Module 12 – Final Assessment

Question

01/30

You are running an Amazon EC2 instance and want to store data in an attached resource. Your data is temporary and will not be kept long term. Which resource should you use?

- ⊗ Amazon S3 bucket

- ⊗ Amazon Elastic Block Store (Amazon EBS) volume

- ⊗ Subnet

- ✓ Instance store

Question

02/30

Which service enables you to build the workflows that are required for human review of machine learning predictions?

- ⊗ Amazon Lex

- ⊗ Amazon Textract

- ✓ Amazon Augmented AI

- ⊗ Amazon Aurora

Which pillar of the AWS Well-Architected Framework focuses on using computing resources in ways that meet system requirements?

✓ Performance Efficiency

✗ Reliability

✗ Security

✗ Operational Excellence

Which statement best describes Amazon GuardDuty?

✓ A service that provides intelligent threat detection for your AWS infrastructure and resources

✗ A service that helps protect your applications against distributed denial-of-service (DDoS) attacks

✗ A service that checks applications for security vulnerabilities and deviations from security best practices

✗ A service that lets you monitor network requests that come into your web applications

Which tool is used to automate actions for AWS services and applications through scripts?

- ⊗ Amazon Redshift

- ✓ AWS Command Line Interface

- ⊗ Amazon QLDB

- ⊗ AWS Snowball
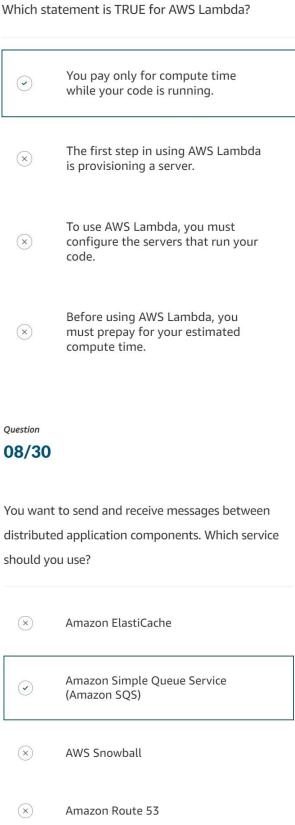
Which service is used to quickly deploy and scale applications on AWS?

- ⊗ Amazon CloudFront

- ✓ AWS Elastic Beanstalk

- ⊗ AWS Outposts

- ⊗ AWS Snowball

Which statement is TRUE for AWS Lambda?

✓ You pay only for compute time while your code is running.

✕ The first step in using AWS Lambda is provisioning a server.

✕ To use AWS Lambda, you must configure the servers that run your code.

✕ Before using AWS Lambda, you must prepay for your estimated compute time.

You want to send and receive messages between distributed application components. Which service should you use?

✕ Amazon ElastiCache

✓ Amazon Simple Queue Service (Amazon SQS)

✕ AWS Snowball

✕ Amazon Route 53

You want to store data in a key-value database.
Which service should you use?

⊗ Amazon DocumentDB

⊗ Amazon Aurora

⊗ Amazon RDS

✓ Amazon DynamoDB

Which service is used to transfer up to 80 PB of data
to AWS?

⊗ Amazon Neptune

⊗ AWS DeepRacer

✓ AWS Snowmobile

⊗ Amazon CloudFront

Which Support plans include access to all AWS Trusted Advisor checks? (Select TWO.)

- ☑ Business
- ☑ Enterprise
- ☒ Basic
- ☒ AWS Free Tier
- ☒ Developer

Which AWS Trusted Advisor category includes checks for your service limits and overutilized instances?

- ☑ Performance
- ☒ Security
- ☒ Cost Optimization
- ☒ Fault Tolerance

You want Amazon S3 to monitor your objects' access patterns. Which storage class should you use?

- ⊗ S3 Glacier

- ⊗ S3 One Zone-IA

- ⊗ S3 Standard-IA

- ✓ S3 Intelligent-Tiering

Which action can you perform in Amazon CloudFront?

- ⊗ Provision resources by using programming languages or a text file.

- ✓ Deliver content to customers through a global network of edge locations.

- ⊗ Run infrastructure in a hybrid cloud approach.

- ⊗ Provision an isolated section of the AWS Cloud to launch resources in a virtual network that you define.

Which compute option reduces costs when you commit to a consistent amount of compute usage for a 1-year or 3-year term?

- ⊗ Reserved Instances

- ⊗ Spot Instances

- ✓ Savings Plans

- ⊗ Dedicated Hosts

Which service is used to run containerized applications on AWS?

- ⊗ Amazon Redshift

- ✓ Amazon Elastic Kubernetes Service (Amazon EKS)

- ⊗ Amazon Aurora

- ⊗ Amazon SageMaker

Which statement best describes an Availability Zone?

ⓧ The server from which Amazon CloudFront gets your files

✓ A fully isolated portion of the AWS global infrastructure

ⓧ A separate geographical location with multiple locations that are isolated from each other

ⓧ A site that Amazon CloudFront uses to cache copies of content for faster delivery to users at any location

Which virtual private cloud (VPC) component controls inbound and outbound traffic for Amazon EC2 instances?

✓ Security group

ⓧ Subnet

ⓧ Internet gateway

ⓧ Network access control list

Which tool enables you to visualize, understand, and manage your AWS costs and usage over time?

⊗   AWS Pricing Calculator

⊗   AWS Artifact

✓   AWS Cost Explorer

⊗   AWS Budgets

Which actions can you perform in Amazon Route 53? (Select TWO.)

☒   Access AWS security and compliance reports and select online agreements.

☒   Automate the deployment of workloads into your AWS environment.

☒   Monitor your applications and respond to system-wide performance changes.

☑   Manage DNS records for domain names.

☑   Connect user requests to infrastructure in AWS and outside of AWS.

Which migration strategy involves changing how an application is architected and developed, typically by using cloud-native features?

$\otimes$ Rehosting

$\otimes$ Repurchasing

$\otimes$ Replatforming

$\checkmark$ Refactoring

Which statement best describes Elastic Load Balancing?

$\otimes$ A service that provides data that you can use to monitor your applications, optimize resource utilization, and respond to system-wide performance changes

$\otimes$ A service that monitors your applications and automatically adds or removes capacity from your resource groups in response to changing demand

$\checkmark$ A service that distributes incoming traffic across multiple targets, such as Amazon EC2 instances

$\otimes$ A service that enables you to set up, manage, and scale a distributed in-memory or cache environment in the cloud

You want to store data in a volume that is attached to an Amazon EC2 instance. Which service should you use?

- ✓ Amazon Elastic Block Store (Amazon EBS)

- ✗ AWS Lambda

- ✗ Amazon ElastiCache

- ✗ Amazon Simple Storage Service (Amazon S3)

Which component or service enables you to establish a dedicated private connection between your data center and virtual private cloud (VPC)?

- ✗ Internet gateway

- ✗ Amazon CloudFront

- ✗ Virtual private gateway

- ✓ AWS Direct Connect

Which Perspective of the AWS Cloud Adoption Framework focuses on recovering IT workloads to meet the requirements of your business stakeholders?

- ⊗ Business Perspective

- ⊗ Governance Perspective

- ✓ Operations Perspective

- ⊗ People Perspective

Which statement best describes AWS Marketplace?

- ✓ A digital catalog that includes thousands of software listings from independent software vendors

- ⊗ A resource that can answer questions about best practices and assist with troubleshooting issues

- ⊗ A resource that provides guidance, architectural reviews, and ongoing communication with your company as you plan, deploy, and optimize your applications

- ⊗ An online tool that inspects your AWS environment and provides real-time guidance in accordance with AWS best practices

Which tasks are the responsibilities of AWS? (Select TWO.)

| ☒ | Configuring security groups on Amazon EC2 instances |

| ☒ | Creating IAM users and groups |

| ☑ | Configuring AWS infrastructure devices |

| ☒ | Training company employees on how to use AWS services |

| ☑ | Maintaining virtualization infrastructure |

In the S3 Intelligent-Tiering storage class, Amazon S3 moves objects between a frequent access tier and an infrequent access tier. Which storage classes are used for these tiers? (Select TWO.)

| ☒ | S3 Glacier Deep Archive |

| ☒ | S3 Glacier |

| ☒ | S3 One Zone-IA |

| ☑ | S3 Standard-IA |

| ☑ | S3 Standard |

Which service enables you to review details for user activities and API calls that have occurred within your AWS environment?

⊗ Amazon CloudWatch

✓ AWS CloudTrail

⊗ AWS Trusted Advisor

⊗ Amazon Inspector

Which service enables you to consolidate and manage multiple AWS accounts from a central location?

✓ AWS Organizations

⊗ AWS Identity and Access Management (IAM)

⊗ AWS Artifact

⊗ AWS Key Management Service (AWS KMS)