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Total points 48/50 ?

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Questions

48 of 50 points

- ✓ A company uses Amazon WorkSpaces. 1/1
Which task is the responsibility of AWS, according to the AWS shared responsibility model?
- ☐ Set up multi-factor authentication (MFA) for each WorkSpaces user account
 - ☒ Ensure the environmental safety and security of the AWS infrastructure that hosts WorkSpaces ✓
 - ☐ Provide security for WorkSpaces user accounts through AWS Identity and Access Management (IAM)
 - ☐ Configure AWS CloudTrail to log API calls and user activity

✓ A company wants to log in securely to Linux Amazon EC2 instances. How can the company accomplish this goal? 1/1

- ☒ Use SSH keys
- ☐ Use a VPN
- ☐ Use end-to-end encryption
- ☐ Use Amazon Route 53



✓ Which AWS service give users the ability to deploy highly repeatable infrastructure configurations? 1/1

- ☒ AWS CloudFormation
- ☐ AWS CodeDeploy
- ☐ AWS CodeBuild
- ☐ AWS Systems Manager



✓ A company wants its AWS usage to be more sustainable. The company wants to track, measure, review, and forecast polluting emissions that result from its AWS applications. Which AWS service or tool can the company use to meet these requirements? 1/1

- ☐ AWS Health Dashboard
- ☒ AWS customer carbon footprint tool
- ☐ AWS Support Center
- ☐ Amazon QuickSight



✓ Which option is AWS responsible for under the AWS shared responsibility model? 1/1

- ☐ Network and firewall configuration
- ☐ Client side data encryption
- ☐ Management of user permissions
- ☒ Hardware and infrastructure



✓ Which combinations of AWS services can be used to move a commercial relational database to an Amazon-managed open-source database? (Choose two) 1/1

- ☒ AWS Database Migration Service (AWS DMS)
- ☐ AWS software development kits (SDKs)
- ☒ AWS Schema Conversion Tool
- ☐ AWS Systems Manager
- ☐ Amazon EMR



✓ A user is moving a workload from a local data center to an architecture that is distributed between the local data center and the AWS Cloud. Which type of migration is this? 1/1

- ☐ On-premises to cloud native
- ☐ Hybrid to cloud native
- ☒ On-premises to hybrid
- ☐ Cloud native to hybrid



✓ A company uses a third-party identity provider (IdP). The company wants to provide its employees with access to AWS accounts and services without requiring another set of login credentials. Which AWS service will meet this requirement? 1/1

- ☐ AWS Directory Service
- ☐ Amazon Cognito
- ☒ AWS IAM Identity Center
- ☐ AWS Resource Access Manager (AWS RAM)



✓ A company is building a web application using AWS. Which AWS service will help prevent network layer DDoS attacks against the web application? 1/1

- ☐ AWS WAF
- ☐ AWS Firewall Manager
- ☐ Amazon GuardDuty
- ☒ AWS Shield



✓ Which AWS service can be used to send alerts when a specific Amazon CloudWatch alarm is invoked? 1/1

- ☐ AWS CloudTrail
- ☒ Amazon Simple Notification Service (Amazon SNS)
- ☐ Amazon Simple Queue Service (Amazon SQS)
- ☐ Amazon EventBridge



- ✓ According to the AWS shared responsibility model, which task is the customer's responsibility? 1/1
- ☐ Maintaining the infrastructure needed to run AWS Lambda
 - ☐ Updating the operating system of Amazon DynamoDB instances
 - ☐ Maintaining Amazon S3 infrastructure
 - ☒ Updating the guest operating system on Amazon EC2 instances ✓

- ✓ A company needs to manage multiple logins across AWS accounts within the same organization in AWS Organizations. Which AWS service should the company use to meet this requirement? 1/1
- ☐ Amazon Virtual Private Cloud (Amazon VPC)
 - ☐ Amazon GuardDuty
 - ☐ Amazon Cognito
 - ☒ AWS IAM Identity Center ✓

- ✓ Which AWS service provides machine learning capability to detect and analyze content in images and videos? 1/1
- ☐ Amazon Connect
 - ☐ Amazon Lightsail
 - ☐ Amazon Personalize
 - ☒ Amazon Rekognition ✓

✓ Which AWS service can generate information that can be used by external auditors? 1/1

- ☐ Amazon Cognito
- ☐ Amazon FSx
- ☒ AWS Config
- ☐ Amazon Inspector



✓ A cloud practitioner wants to use a highly available and scalable DNS service for its AWS workload. Which AWS service will meet this requirement? 1/1

- ☒ Amazon Route 53
- ☐ Amazon Lightsail
- ☐ AWS Amplify Hosting
- ☐ Amazon S3



✓ A company runs MySQL database workloads on self-managed servers in an on-premises data center. The company wants to migrate the database workloads to an AWS managed service. Which migration strategy should the company use? 1/1

- ☐ Rehost
- ☐ Repurchase
- ☐ Refactor
- ☒ Replatform



✓ Which AWS service provides users with AWS issued reports, certifications,1/1 accreditations, and third-party attestations?

- ☒ AWS Artifact
- ☐ AWS Trusted Advisor
- ☐ AWS Health Dashboard
- ☐ AWS Config



✓ A company needs to create and publish interactive business intelligence 1/1 dashboards. The dashboards require insights that are powered by machine learning. Which AWS service or tool will meet these requirements?

- ☐ AWS Glue Studio
- ☒ Amazon QuickSight
- ☐ Amazon Redshift
- ☐ Amazon Athena



✓ A company wants to use a serverless compute service for an application. 1/1 Which AWS service will meet this requirement?

- ☒ AWS Lambda
- ☐ AWS CloudFormation
- ☐ AWS Elastic Beanstalk
- ☐ Elastic Load Balancing



✓ A company needs to store infrequently used data for data archives and long-term backups. 1/1
Which AWS service or storage class will meet these requirements MOST cost-effectively?

- ☐ Amazon FSx for Luster
- ☐ Amazon Elastic Block Store (Amazon EBS)
- ☐ Amazon Elastic File System (Amazon EFS)
- ☒ Amazon S3 Glacier Flexible Retrieval



✓ A company wants a solution that will automatically adjust the number of Amazon EC2 instances that are being used based on the current load. 1/1
Which AWS offering will meet these requirements?

- ☐ Dedicated Hosts
- ☐ Placement groups
- ☒ Auto Scaling groups
- ☐ Reserved Instances



✓ A company runs an on-premises contact center for customers. The company needs to migrate to a cloud-based solution that can deliver artifact intelligence features to improve user experience. 1/1
Which AWS service will meet these requirements?

- ☐ AWS Wavelength
- ☐ AWS IAM Identity Center (AWS Single Sign-On)
- ☐ AWS Direct Connect
- ☒ Amazon Connect



✗ Which AWS service is designed to help users handle large amounts of data in data warehouse environment? 0/1

- ☒ Amazon RDS
- ☐ Amazon DynamoDB
- ☐ Amazon Redshift
- ☐ Amazon Aurora

✗

Correct answer

- ☒ Amazon Redshift

✓ A company is building AWS architecture to deliver real-time data feeds from an on-premises data center into an application that runs on AWS. The company needs a consistent network connection with minimal latency. What should the company use to connect the application and the data center to meet these requirements? 1/1

- ☒ AWS Direct Connect
- ☐ Public Internet
- ☐ AWS VPN
- ☐ Amazon Connect

✓

✓ Which AWS Compute service gives users the ability to securely and reliably run containers at scale? 1/1

- ☒ Amazon Elastic Container Service (Amazon ECS)
- ☐ Amazon Aurora
- ☐ Amazon Athena
- ☐ Amazon Polly



✓ A company wants to use Amazon EC2 instances for a stable production workload that will run for 1 year. Which instance purchasing option meets these requirements MOST cost-effectively? 1/1

- ☐ Dedicated Hosts
- ☒ Reserved Instances
- ☐ On-Demand Instances
- ☐ Spot Instances



✓ A company is using AWS for all its IT infrastructure. The company's developers are allowed to deploy applications on their own. The developers want to deploy their applications without having to provision the infrastructure themselves. Which AWS Service should the developers use to meet these requirements? 1/1

- ☐ AWS CloudFormation
- ☐ AWS CodeBuild
- ☒ AWS Elastic Beanstalk
- ☐ AWS CodeDeploy



✓ Which of the following are AWS best practice recommendations for the use of AWS Identity and Access Management (IAM)? (Choose two) 1/1

- ☐ Use the AWS account root user for daily access
- ☐ Use access keys and secret access keys on Amazon EC2.
- ☒ Rotate credentials on a regular basis ✓
- ☐ Create a shared set of access keys for system administrators
- ☒ Configure multi-factor authentication (MFA) ✓

✓ Which AWS tool or feature acts as a VPC firewall at the subnet level? 1/1

- ☐ Security group
- ☒ Network ACL ✓
- ☐ Traffic Mirroring
- ☐ Internet Gateway

✓ Which AWS service allows for file sharing between multiple Amazon EC2 instances? 1/1

- ☐ AWS Direct Connect
- ☐ AWS Snowball Edge
- ☐ AWS Backup
- ☒ Amazon Elastic File System (Amazon EFS) ✓

✓ A company is migrating its public website to AWS. The company wants to host the domain name for the website on AWS. 1/1
Which AWS Service should the company use to meet this requirement?

- ☐ AWS Lambda
- ☒ Amazon Route 53
- ☐ Amazon CloudFront
- ☐ AWS Direct Connect



✓ A company wants to run a graph query that provides credit card users' names, addresses, and transactions. The company wants the graph to show of the names, addresses, and transactions indicate possible fraud. 1/1
Which AWS database service will meet these requirements?

- ☐ Amazon DocumentDB (with MongoDB compatibility)
- ☐ Amazon Timestream
- ☐ Amazon DynamoDB
- ☒ Amazon Neptune



✓ A company runs a legacy workload in an on-premises data center. The company wants to migrate the workload to AWS. The company does not want to make any changes to the workload. 1/1
Which migration strategy should the company use?

- ☐ Repurchase
- ☐ Replatform
- ☒ Rehost
- ☐ Refactor



✓ A company is learning about its responsibilities that are related to the management of Amazon EC2 instances. 1/1

Which task for EC2 instances are the company's responsibility, according to the AWS shared responsibility model? (Choose two)

- ☐ Install and patch the machine hypervisor
- ☒ Patch the guest operating system ✓
- ☒ Encrypt data at rest on associated storage ✓
- ☐ Install the physical hardware and cabling
- ☐ Provide physical security for the EC2 instances

✓ Which of the following are economic benefits of using the AWS Cloud? 1/1

(Choose two)

- ☒ Consumption-based pricing ✓
- ☐ Perpetual licenses
- ☒ Economies of scale ✓
- ☐ AWS Enterprise Support at no additional cost
- ☐ Bring-your-own-hardware model

- ✓ The company plans to migrate its custom marketing application and order- 1/1 processing application to AWS. The company needs to deploy the application on different types of instances with various configurations of CPU, memory, storage, and network capacity. Which AWS service should the company use to meet these requirements?

- ☐ AWS Lambda
- ☐ Amazon Cognito
- ☐ Amazon Athena
- ☒ Amazon EC2



- ✓ A company runs an application on AWS that performs batch jobs. The 1/1 application is fault-tolerant and can handle interruptions. The company wants to optimize the cost to run the application. Which AWS offering will meet these requirements?

- ☐ Amazon Macie
- ☐ Amazon Neptune
- ☒ Amazon EC2 Spot Instances
- ☐ Amazon EC2 On-Demand Instances



✓ A company wants to gain insights from its data and build interactive data visualization dashboards. 1/1
Which AWS Service will meet these requirements?

- ☐ Amazon SageMaker
- ☐ Amazon Rekognition
- ☒ Amazon QuickSight
- ☐ Amazon Kinesis



✓ Which AWS service gives users on-demand, self-service access to AWS compliance control reports? 1/1

- ☐ AWS Config
- ☐ Amazon GuardDuty
- ☐ AWS Trusted Advisor
- ☒ AWS Artifact



✗ A company is planning to migrate applications to the AWS Cloud. During a system audit, the company finds that its content management system (CMS) application is incompatible with cloud environments. Which migration strategies will help the company to migrate the CMS application with the LEAST effort? (Choose two) 0/1

☐ Retire

☒ Rehost

✗

☒ Repurchase

✓

☐ Replatform

☐ Refactor

Correct answer

☒ Retire

☒ Repurchase

✓ A cloud engineer wants to store data in Amazon S3. The engineer will access some of the data yearly and some of the data daily. Which S3 storage class will meet these requirements MOST cost-effectively? 1/1

☐ S3 Standard

☐ S3 Glacier Deep Archive

☐ S3 Zone-Infrequent Access (S3 One Zone-IA)

☒ S3 Intelligent-Tiering

✓

✓ A company wants to use AWS. The company has stringent requirements about low-latency access to on-premises systems and data residency. Which AWS service should the company use to design a solution that meets these requirements? 1/1

- ☐ AWS Wavelength
- ☐ AWS Transit Gateway
- ☐ AWS Ground Station
- ☒ AWS Outposts



✓ A company needs to provide customer service by using voice calls and web chat features. Which AWS service should the company use to meet these requirements? 1/1

- ☐ Amazon Aurora
- ☒ Amazon Connect
- ☐ Amazon WorkSpaces
- ☐ AWS Organizations



✓ Which AWS services can host PostgreSQL databases? (Choose two) 1/1

- ☐ Amazon S3
- ☒ Amazon Aurora
- ☒ Amazon EC2
- ☐ Amazon OpenSearch Service
- ☐ Amazon Elastic File System (Amazon EFS)



- ✓ A company needs the ability to acquire resources when the resources are needed. The company also needs the ability to release the resources when the resource are no longer needed. 1/1

Which AWS concept represents the company's goals?

- ☐ Scalability
- ☐ Sustainability
- ☒ Elasticity
- ☐ Operational excellence



- ✓ Which AWS service or feature requires an internet service provider (ISP) and a colocation facility to be implemented? 1/1

- ☐ AWS VPN
- ☐ Amazon Connect
- ☒ AWS Direct Connect
- ☐ Internet gateway



- ✓ A company is planning to migrate a monolithic application to AWS. The company wants to modernize the application by splitting it into microservices. The company will deploy the microservices on AWS. 1/1
- Which migration strategy should the company use?

- ☐ Rehost
- ☐ Repurchase
- ☐ Replatform
- ☒ Refactor



✓ Which of the following are advantages of moving to the AWS Cloud? 1/1
(Chose two)

- ☐ Users can implement all AWS services in seconds
- ☐ AWS assumes all responsibility for the security of infrastructure and applications
- ☒ Users experience increased speed and agility ✓
- ☒ Users benefit from massive economies of scale ✓
- ☐ Users can move hardware from their data center to the AWS Cloud.

✓ A company wants its Amazon EC2 instances to operate in a highly available environment, even if there is a natural disaster in a particular geographical area. 1/1
Which Solution achieves this goal?

- ☒ Use EC2 instances in multiple AWS Regions ✓
- ☐ Use EC2 instances in multiple edge locations
- ☐ Use EC2 instances in the same AZ but in different AWS Regions
- ☐ Use Amazon CloudFront with the EC2 instances configured as the source.

✓ A company wants to monitor and block malicious HTTP and HTTPS requests that it's Amazon CloudFront Distribution receive. 1/1
Which AWS service should the company use to meet these requirements?

- ☐ Amazon GuardDuty
- ☐ Amazon Inspector
- ☒ AWS WAF ✓
- ☐ Amazon Detective

Google Forms

