

## SET 2

Total points 35/49 ?

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0 of 0 points

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Questions

35 of 49 points

✗ Which of the following is a customer responsibility according to the AWS shared responsibility model? 0/1

- ☐ Apply security patches for Amazon S3 infrastructure devices
- ☐ Provide physical security for AWS datacenters
- ☒ Install operating system updates on Lambda@Edge ✗
- ☐ Implement multi-factor authentication (MFA) for IAM user accounts

Correct answer

- ☒ Implement multi-factor authentication (MFA) for IAM user accounts

✓ A company's compliance officer wants to review the AWS Service Organization Control (SOC) reports. 1/1  
Which AWS service or feature should the compliance officer use to complete this task?

- ☒ AWS Artifact ✓
- ☐ AWS Concierge Support
- ☐ AWS Support
- ☐ AWS Trusted Advisor

✓ An online retail company wants to migrate its on-premises workload to AWS. The company needs to automatically handle a seasonal workload increase in a cost-effective manner. 1/1  
Which AWS Cloud features will help the company meets this requirement? (Choose two)

- ☐ Cross-Region workload deployment
- ☒ Pay-as-you-go pricing ✓
- ☐ Built-in AWS CloudTrail audit capabilities
- ☒ Auto Scaling policies ✓
- ☐ Centralized logging

✓ A developer needs to interact with AWS by using the AWS CLI. 1/1  
Which security feature or AWS service must be provisioned in the developer's account to meet this requirement?

- ☐ User name and password
- ☐ AWS Systems Manager
- ☐ Root password access
- ☒ AWS access key



✓ Which AWS service or tool provides a visualization of historical AWS 1/1  
Spending patterns and projections of future AWS costs?

- ☐ AWS Cost and Usage Report
- ☐ AWS Budgets
- ☒ Cost Explorer
- ☐ Amazon Cloud Watch



✓ Which AWS Cloud Adoption Framework ( AWS CAF) perspective focuses 1/1  
on organizing an inventory of data products in a data catalog?

- ☐ Operations
- ☒ Governance
- ☐ Business
- ☐ Platform



✓ Which AWS service uses speech-to-text conversion to help users create meeting notes? 1/1

- ☐ Amazon Polly
- ☐ Amazon Textract
- ☐ Amazon Rekognition
- ☒ Amazon Transcribe



✓ Which tasks are the responsibility of AWS according to the AWS shared responsibility model? (Choose Two) 1/1

- ☐ Configure AWS Identity and Access Management (IAM)
- ☐ Configure security groups on Amazon EC2 instances.
- ☒ Secure the access of physical AWS facilities.
- ☐ Patch applications that run on Amazon EC2 instances
- ☒ Perform infrastructure patching and maintenance



✓ What is a benefit of using an Elastic Load Balancing (ELB) load balance with applications running in the AWS Cloud? 1/1

- ☐ An ELB will automatically scale resources to meet capacity needs.
- ☒ An ELB can balance traffic across multiple compute resources.
- ☐ An ELB can span multiple AWS Regions.
- ☐ An ELB can balance traffic between multiple internet gateways.



✗ What is the primary use case for Amazon GuardDuty?

0/1

- ☒ Prevention of DDoS attacks
- ☐ Protection against SQL injection attacks
- ☐ Automatic monitoring for the threats to AWS workloads.
- ☐ Automatic provisioning of AWS resources

✗

Correct answer

- ☒ Automatic monitoring for the threats to AWS workloads.

✓ Which AWS service or tool provides user with a graphical interface that they can use to manage AWS service?

1/1

- ☐ AWS Copilot
- ☐ AWS CLI
- ☒ AWS Management Console
- ☐ AWS software development kits (SDKs)

✓

✗ A food delivery company needs to block users in certain countries from accessing its website. 0/1  
Which AWS service should the company use to meet this requirement?

- ☐ AWS WAF
- ☐ AWS Control Tower
- ☒ Amazon Fraud Detector
- ☐ Amazon Pinpoint

✗

Correct answer

- ☒ AWS WAF

✓ A company needs to have the ability to set up infrastructure for new applications in minutes. 1/1  
Which advantage of cloud computing will help the company meet this requirement?

- ☐ Trade fixed expense for variable expense
- ☐ Go global in minutes
- ☒ Increase speed and agility
- ☐ Stop guessing capacity

✓

✓ Which AWS services are serverless? (choose two)

1/1

- ☒ AWS Fargate
- ☐ Amazon Managed Streaming for Apache Kafka
- ☐ Amazon EMR
- ☒ Amazon S3
- ☐ Amazon EC2

✓

✓

✓ Which AWS network services or features allow CIDR block notation when providing an IP address range? (Choose two)

1/1

- ☒ Security groups
- ☐ Amazon Machine Image (AMI)
- ☒ Network access control list (network ACL)
- ☐ AWS Budgets
- ☐ Amazon Elastic Block Store (Amazon EBS)

✓

✓

✗ A company plans to perform a one-time migration of a large dataset with millions of files from its on-premises data center to the AWS Cloud. Which AWS Service should the company use for the migration? 0/1

- ☒ AWS Database Migration Service (AWS DMS) ✗
- ☐ AWS DataSync
- ☐ AWS Migration Hub
- ☐ AWS Application Migration Service

Correct answer

- ☒ AWS DataSync

✗ A company is designing workloads in the AWS Cloud. The company wants the workloads to perform their intended function correctly and consistently throughout their lifecycle. Which pillar of the AWS Well-Architected Framework does this goal represent? 0/1

- ☐ Operational excellence
- ☐ Security
- ☐ Reliability
- ☒ Performance efficiency ✗

Correct answer

- ☒ Reliability



✓ A company migrated its systems to the AWS Cloud. The systems are rightsized and a security review did not reveal any issues. The company must ensure that additional developments, integrations, changes, and system usage growth do not jeopardize this optimized AWS infrastructure. Which AWS service should the company use to report ongoing optimization and security? 1/1

- ☒ AWS Trusted Advisor
- ☐ AWS Health Dashboard
- ☐ Amazon Connect
- ☐ AWS Systems Manager



✗ A company needs to use Amazon S3 to store files that are each 5 megabytes in size. The company will rarely access the files, but the company must be able to retrieve the files immediately. Which S3 storage class will meet these requirements MOST cost-effectively? 0/1

- ☐ S3 Standard
- ☐ S3 Standard-Infrequent Access (S3 Standard-IA)
- ☒ S3 Glacier Flexible Retrieval
- ☐ S3 Glacier Deep Archive



Correct answer

- ☒ S3 Standard-Infrequent Access (S3 Standard-IA)

✓ A company needs to use dashboards and charts to analyze insights from business data. 1/1  
Which AWS service will provide the dashboard and charts for these insights?

- ☐ Amazon Macie
- ☐ Amazon Aurora
- ☒ Amazon QuickSight
- ☐ AWS CloudTrail



✓ A company wants to track the monthly cost and usage of all Amazon EC2 instances in a specific AWS environment. 1/1  
Which AWS service or tool will meet these requirements?

- ☐ AWS Cost Anomaly Detection
- ☒ AWS Budgets
- ☐ AWS Compute Optimizer
- ☐ AWS Trusted Advisor



✗ A company has an AWS Business Support plan. The company needs to gain access to the AWS DDoS Response Team (DRT) to help mitigate DDoS events. 0/1  
Which AWS Service or resource must the company use to meet these requirements?

- ☒ AWS Shield Standard
- ☐ AWS Enterprise Support
- ☐ AWS WAF
- ☐ AWS Shield Advanced

✗

Correct answer

- ☒ AWS Shield Advanced

✓ A company wants to securely store Amazon RDS database credentials and automatically rotate user passwords periodically. 1/1  
Which AWS service will meet this requirement?

- ☐ Amazon S3
- ☐ AWS Systems Manager Parameter Store
- ☒ AWS Secrets Manager
- ☐ AWS CloudTrail

✓

✗ Which is a customer responsibility under the AWS shared responsibility model when using AWS Lambda? 0/1

- ☒ Maintenance of the underlying Lambda hardware ✗
- ☐ Maintenance of the Lambda networking infrastructure
- ☐ The code and libraries that run in the Lambda functions
- ☐ The Lambda server software

Correct answer

- ☒ The code and libraries that run in the Lambda functions

✓ Which tasks are responsibilities of the customer according to the AWS shared responsibility model? (choose two) 1/1

- ☐ Secure the virtualization layer
- ☒ Encrypt data and maintain data integrity ✓
- ☐ Patch the Amazon RDS operating system
- ☒ Maintain identity and access management controls ✓
- ☐ Secure Availability Zones

✓ Which AWS service can create a private network connection from on premises to the AWS Cloud? 1/1

- ☐ AWS Config
- ☐ Virtual Private Cloud (Amazon VPC)
- ☒ AWS Direct Connect ✓
- ☐ Amazon Route 53

✗ A company wants to continuously improve processes and procedures to deliver business value. 0/1  
Which pillar of the AWS Well-Architected Framework does this goal represent?

- ☐ Performance efficiency
- ☐ Operational excellence
- ☐ Reliability
- ☒ Sustainability

✗

Correct answer

- ☒ Operational excellence

✓ A company wants to migrate its on-premises infrastructure to the AWS Cloud. 1/1  
Which advantage of cloud computing will help the company reduce upfront costs?

- ☐ Go global in minutes
- ☐ Increase speed and agility
- ☐ Benefit from massive economies of scale
- ☒ Trade fixed expense for variable expense

✓

- ✓ A company wants a cost-effective option when running its applications in an Amazon EC2 instance for short time periods. The applications can be interrupted. 1/1

Which EC2 instance type will meet these requirements?

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



- ✓ A company wants to set up a secure network connection from on premises to the AWS Cloud within 1 week. 1/1

Which solution will meet these requirements?

- ☐ AWS Direct Connect
- ☐ Amazon VPC
- ☒ AWS Site-to-Site VPN
- ☐ Edge Location



- ✓ A company plans to migrate to the AWS Cloud. The company wants to gather information about its on-premises data center. 1/1

Which AWS service should the company use to meet these requirements?

- ☒ AWS Application Discovery Service
- ☐ AWS DataSync
- ☐ AWS Storage Gateway
- ☐ AWS Database Migration Service (AWS DMS)



✓ Which AWS service integrates with other AWS services to provide the ability to encrypt data at rest? 1/1

- ☒ AWS Key Management Service (AWS KMS)
- ☐ AWS Certificate Manager (ACM)
- ☐ AWS Identity and Access Management (IAM)
- ☐ AWS Security Hub



✓ A company needs a managed NFS file system that the company can use with its AWS compute resources. 1/1  
Which AWS service or feature will meet these requirements?

- ☐ Amazon Elastic Block Store (Amazon EBS)
- ☐ AWS Storage Gateway Tape Gateway
- ☐ Amazon S3 Glacier Flexible Retrieval
- ☒ Amazon Elastic File System (Amazon EFS)



✓ A company is migrating to the AWS Cloud instead of running its infrastructure on premises. 1/1  
Which of the following are advantages of this migration? (Choose two)

- ☐ Elimination of the need to perform security auditing
- ☒ Increased global reach and agility
- ☒ Ability to deploy globally in minutes
- ☐ Elimination of the cost of IT staff members
- ☐ Redundancy by default for all compute service.



✗ A company runs its production workload in the AWS Cloud. The company 0/1  
needs to choose one of the AWS Support Plans.  
Which of the AWS support Plans will meet these requirements at the  
LOWEST cost?

☒ Developer

✗

☐ Enterprise On-Ramp

☐ Enterprise

☐ Business

Correct answer

☒ Business

✓ Which AWS service uses edge locations to cache content?

1/1

☐ Amazon Kinesis

☐ Amazon Simple Queue Service (amazon SQS)

☒ Amazon CloudFront

✓

☐ Amazon Route 53



- ✓ A developer needs to use a standardized templates to create copies of a company's AWS architecture for development, test, and production environments. 1/1

Which AWS service should the developer use to meet this requirement?

- ☐ AWS Cloud Map
- ☒ AWS CloudFormation ✓
- ☐ Amazon CloudFront
- ☐ AWS CloudTrail

- ✓ A company wants to securely access an Amazon S3 bucket from an Amazon EC2 instance without accessing the internet. 1/1

What should the company use to accomplish this goal?

- ☐ VPN connection
- ☐ Internet Gateway
- ☒ VPC endpoint ✓
- ☐ NAT gateway

- ✓ A company needs to set up dedicated network connectivity between its on-premises data center and the AWS Cloud. The network cannot use the public internet. 1/1

Which AWS Service or feature will meet these requirements?

- ☐ AWS Transit Gateway
- ☐ AWS VPN
- ☐ Amazon CloudFront
- ☒ AWS Direct Connect ✓

✓ Which AWS service is always available free of charge to users? 1/1

- ☐ Amazon Athena
- ☒ AWS Identity and Access Management (IAM) ✓
- ☐ AWS Secrets Manager
- ☐ Amazon ElastiCache

✓ Which AWS service should a company use to organize, characterize, and search large numbers of images? 1/1

- ☐ Amazon Transcribe
- ☒ Amazon Rekognition ✓
- ☐ Amazon Aurora
- ☐ Amazon QuickSight

✓ A company wants to develop an accessibility application that will convert text into audible speech. Which AWS service will meet this requirement? 1/1

- ☐ Amazon MQ
- ☒ Amazon Polly ✓
- ☐ Amazon Neptune
- ☐ Amazon Timestream

✗ A company wants an AWS service that can automate software deployment 0/1  
in Amazon EC2 instances and on-premises instances.  
Which AWS service will meet this requirement?

- ☐ AWS CodeCommit
- ☐ AWS CodeBuild
- ☐ AWS CodeDeploy
- ☒ AWS CodePipeline

✗

Correct answer

- ☒ AWS CodeDeploy

✗ A company needs to convert video files and audio files to a format that will 0/1  
play on smartphones.  
Which AWS service will meet this requirement?

- ☒ Amazon Comprehend
- ☐ Amazon Rekognition
- ☐ Amazon Elastic Transcoder
- ☐ Amazon Polly

✗

Correct answer

- ☒ Amazon Elastic Transcoder

✗ Which VPC component can a company use to set up a virtual firewall at the Amazon EC2 instance level? 0/1

- ☒ Network ACL
- ☐ Security group
- ☐ Route table
- ☐ NAT gateway

✗

Correct answer

- ☒ Security group

✓ Under the AWS shared responsibility model, which of the following is a responsibility of the customer? 1/1

- ☐ Shred disk drives before they leave a data center
- ☐ Prevent customers from gathering packets or collecting traffic at the hypervisor level
- ☒ Patch the guest operating system with the latest security patches
- ☐ Maintain security systems that provide physical monitoring of data centers

✓

✓ Which AWS service is used to temporarily provide federated security credentials to access AWS resources? 1/1

- ☐ Amazon GuardDuty
- ☒ AWS Simple Token Service (AWS STS)
- ☐ AWS Secrets Manager
- ☐ AWS Certificate Manager

✓

✗ A company has a workload that will run continuously for 1 year. The workload cannot tolerate service interruptions. 0/1  
Which Amazon EC2 purchasing option will be MOST cost-effective?

- ☐ All Upfront Reserved Instances
- ☐ Partial Upfront Reserved Instances
- ☒ Dedicated Instances
- ☐ On-Demand Instances

✗

Correct answer

- ☒ All Upfront Reserved Instances

✓ A company wants the ability automatically acquire resources as needed and release the resources when they are no longer needed. 1/1  
Which cloud concept describes this functionality?

- ☐ Availability
- ☒ Elasticity
- ☐ Durability
- ☐ Reliability

✓

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