

## SET 8

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Questions

49 of 50 points

- ✓ A company wants to improve its security posture by reviewing user activity through API calls. 1/1  
Which AWS service will meet this requirement?

- ☐ AWS WAF
- ☐ Amazon Detective
- ☐ Amazon CloudWatch
- ☒ AWS CloudTrail



✓ A company wants to store and retrieve files in Amazon S3 for its existing on-premises applications by using industry-standard file system protocols. Which AWS service will meet these requirements? 1/1

- ☐ AWS DataSync
- ☐ AWS Snowball Edge
- ☒ Amazon S3 File Gateway
- ☐ AWS Transfer Family



✓ A company needs a content delivery network that provides secure delivery of data, videos, applications, and APIs to users globally with low latency and high transfer speeds. Which AWS service meets these requirements? 1/1

- ☒ Amazon CloudFront
- ☐ Elastic Load Balancing
- ☐ Amazon S3
- ☐ Amazon Elastic Transcoder



✓ A company wants to create globally accessible ecommerce platform for its customers. The company wants to use a highly available and scalable DNS web service to connect users to platform. Which AWS service will meet these requirements? 1/1

- ☐ Amazon EC2
- ☐ Amazon VPC
- ☒ Amazon Route 53
- ☐ Amazon RDS



✓ Which of the following are pillars of the AWS Well-Architected Framework? 1/1  
(Choose two)

- ☐ High availability
- ☒ Performance efficiency
- ☒ Cost optimization
- ☐ Going global in minutes
- ☐ Continuous development



✓ A company wants to create templates that the company can reuse to deploy multiple AWS resources. 1/1  
Which AWS service or feature can the company use to meet this requirement?

- ☐ AWS Marketplace
- ☐ Amazon Machine Image (AMI)
- ☒ AWS CloudFormation
- ☐ AWS OpsWorks



✓ A company wants to run a simulation for 3 years without interruptions. 1/1  
Which Amazon EC2 instance purchasing option will meet these requirements MOST cost-effectively?

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



✓ Which task is a customer's responsibility, according to the AWS shared responsibility model? 1/1

- ☒ Management of the guest operating systems
- ☐ Maintenance of the configuration of infrastructure devices
- ☐ Management of the host operating systems and virtualization
- ☐ Maintenance of the software that powers Availability Zones



✓ A company wants to provision and manage its AWS infrastructure by using the common programming language Typescript, Python, Java, and .NET. Which AWS service will meet this requirement? 1/1

- ☐ AWS CodeBuild
- ☐ AWS CloudFormation
- ☐ AWS CLI
- ☒ AWS Cloud Development KIT (AWS CDK)



✓ A user has a stateful workload that will run on Amazon EC2 for the next 3 years. What is the MOST cost-effective pricing model for this workload? 1/1

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



✓ Which AWS service or feature is a browser-based, pre-authenticated service that can be launched directly from the AWS Management Console? 1/1

- ☐ AWS API
- ☐ AWS Lightsail
- ☐ AWS Cloud9
- ☒ AWS CloudShell



✓ A company is using Amazon DynamoDB for its application database. Which tasks are the responsibility of AWS, according to the AWS shared responsibility model? (Choose two) 1/1

- ☐ Classify data
- ☐ Configure access permissions
- ☐ Manage encryption options
- ☒ Provide public endpoints to store and retrieve data
- ☒ Manage the infrastructure layer and the operating system



✓ A company is planning to host its workloads on AWS. Which AWS service requires the company to update and patch the guest operating system? 1/1

- ☐ Amazon DynamoDB
- ☐ Amazon S3
- ☒ Amazon EC2
- ☐ Amazon Aurora



✓ A company needs to organize its resources and track AWS costs on detailed level. The company needs to categorize costs by business department, environment, and application. 1/1  
Which solution will meet these requirements?

- ☐ Access the AWS Cost Management console to organize resources, set an AWS budget, and receive notifications of unintentional usage.
- ☒ Use tags to organize the resources. Activate cost allocation tags to track AWS costs on a detailed level ✓
- ☐ Create Amazon CloudWatch dashboard to visually organize and track costs individually
- ☐ Access the AWS Billing and Cost Management dashboard to organize and track resource consumption on a detailed level

✓ A company needs to migrate a PostgreSQL database from on-premises to Amazon RDS. 1/1  
Which AWS service or tool should the company use to meet this requirement?

- ☐ Cloud Adoption Readiness Tool
- ☐ AWS Migration Hub
- ☒ AWS Database Migration Service (AWS DMS) ✓
- ☐ AWS Application Migration Service

✓ A company has deployed an Amazon EC2 instance. Which option is an AWS responsibility under the AWS shared responsibility model? 1/1

- ☐ Managing and encrypting application data
- ☐ Installing updates and security patches of guest operating system
- ☒ Configuration of infrastructure devices ✓
- ☐ Configuration of security groups on each instance

✓ Which of the following is a managed AWS service that is used specifically for extract, transform, and load (ETL) data? 1/1

- ☐ Amazon Athena
- ☒ AWS Glue ✓
- ☐ Amazon S3
- ☐ AWS Snowball Edge

✓ A company wants to store data in Amazon S3. The company rarely access the data, and the data can be regenerated if necessary. The company wants to store the data in the most cost-effective storage class. Which S3 storage class will meet this requirement? 1/1

- ☐ S3 Standard
- ☐ S3 Intelligent-Tiering
- ☐ S3 Standard-Infrequent Access (S3 Standard-IA)
- ☒ S3 One Zone-Infrequent Access (S3 one Zone-IA) ✓

✓ Which option is an environment that consists of one or more data centers? 1/1

- ☐ Amazon CloudFront
- ☒ Availability Zone
- ☐ VPC
- ☐ AWS Outposts



✓ A company wants to use Amazon EC2 instances to provide a static website to users all over the world. The company needs to minimize latency for the users. Which solution meets these requirements? 1/1

- ☐ Use EC2 instances in multiple edge locations
- ☐ Use EC2 instances in the same Availability Zone but in different AWS Regions
- ☒ Use Amazon CloudFront with the EC2 instances configured as the source
- ☐ Use EC2 instances in the same Availability Zone but in different AWS accounts



✓ A company wants to receive alerts to monitor its overall operating costs for its AWS public cloud infrastructure. Which AWS offering will meet these requirements? 1/1

- ☐ Amazon EventBridge
- ☐ Compute Savings Plans
- ☒ AWS Budgets
- ☐ Migration Evaluator





✓ A company wants to migrate its PostgreSQL database to AWS. The company does not use the database frequently. Which AWS service or resource will meet these requirements with the LEAST management overhead? 1/1

- ☐ PostgreSQL on Amazon EC2
- ☐ Amazon RDS for PostgreSQL
- ☐ Amazon Aurora PostgreSQL-Compatible Edition
- ☒ Amazon Aurora Serverless



✓ Which AWS service or resource can provide discounts on some AWS service costs in exchange for a spending commitment? 1/1

- ☐ Amazon Detective
- ☐ AWS Pricing Calculator
- ☒ Savings Plans
- ☐ Basic Support



✓ A company wants a customized assessment of its current on-premises environment. The company wants to understand its projected running costs in the AWS Cloud. Which AWS service or tool will meet these requirements? 1/1

- ☐ AWS Trusted Advisor
- ☐ Amazon Inspector
- ☐ AWS Control Tower
- ☒ Migration Evaluator



✓ Which AWS service can be used to retrieve compliance reports on demand? 1/1

- ☐ AWS Secrets Manager
- ☒ AWS Artifact
- ☐ AWS Security Hub
- ☐ AWS Certificate Manager



✓ A company wants to migrate petabytes of data from its on-premises data center to AWS. The company does not want to use an internet connection to perform the migration. Which AWS service will meet these requirements? 1/1

- ☐ AWS Direct Connect
- ☐ AWS DataSync
- ☒ AWS Snowmobile
- ☐ Amazon Connect



✓ A company is hosting an application in the AWS Cloud. The company wants to verify that underlying AWS services and general AWS infrastructure are operating normally. 1/1  
Which combination of AWS services can the company use to gather the required information? (Choose two)

☒ AWS Personal Health Dashboard ✓

☐ AWS Systems Manager

☐ AWS Trusted Advisor

☒ AWS Service Health Dashboard ✓

☐ AWS Service Catalog

✓ A company wants to migrate its database to a managed AWS service that is compatible with PostgreSQL. 1/1  
Which AWS services will meet these requirements? (Choose two)

☐ Amazon Athena

☒ Amazon RDS ✓

☐ Amazon EC2

☐ Amazon DynamoDB

☒ Amazon Aurora ✓

✓ Which AWS service or resource can be used to identify services that have been used by a user within a specific date range? 1/1

- ☐ Amazon S3 access control lists (ACLs)
- ☐ AWS Certificate Manager (ACM)
- ☐ Network Access Analyzer
- ☒ AWS Identify and Access Management Access Analyzer ✓

✓ A company wants to monitor its workload performance. The company wants to ensure that the cloud services are delivered at a level that meets its business needs. 1/1  
Which AWS Cloud Adoption Framework (AWS CAF) perspective will meet these requirements?

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

✓ Which AWS benefit is demonstrated by on-demand technology services that enable companies to replace upfront fixed expenses with variable expenses? 1/1

- ☐ High availability
- ☐ Economies of scale
- ☒ Pay-as-you-go pricing ✓
- ☐ Global reach

✓ What can a user accomplish using AWS CloudTrail?

1/1

- ☐ Generate an IAM user credentials report
- ☒ Record API calls made to AWS services ✓
- ☐ Assess the compliance of AWS resource configurations with policies and guidelines
- ☐ Ensure that Amazon EC2 instances are patched with the latest security updates.

✓ A company wants to know more about the benefits offered by cloud computing. The company wants to understand the operational advantage of agility. How does AWS provide agility for users?

1/1

- ☐ The ability that ensure high availability by deploying workloads to multiple regions
- ☐ A pay-as-you-go model for many services and resources
- ☐ The ability to transfer infrastructure management to the AWS Cloud
- ☒ The ability to provision and deprovision resources quickly with minimal effort ✓

✓ A company is using the AWS Free Tier for several AWS services for an application. What will happen if the Free Tier usage period expires or if the application use exceeds the Free Tier usage limits?

1/1

- ☒ The company will be charged the standard pay-as-you-go service rates for the usage that exceeds the Free Tier usage. ✓
- ☐ AWS Support will contact the company to set up standard service charges
- ☐ The company will be charged for the services it consumed during the Free Tier period, plus additional charges for service consumption after the Free Tier period
- ☐ The company's AWS account will be frozen and can be restarted after a payment plan is established.

- ✓ A company that has multiple business units wants to centrally manage and govern its AWS Cloud environments. The company wants to automate the creation of AWS accounts, apply service control policies (SCPs), and simplify billing processes.  
Which AWS service or tool should the company use to meet these requirements?

- ☒ AWS Organization
- ☐ Cost Explorer
- ☐ AWS Budgets
- ☐ AWS Trusted Advisor



- ✓ Which action will help increase security in the AWS Cloud?

1/1

- ☐ Enable programmatic access for all IAM users
- ☐ Use IAM users instead of IAM roles to delegate permissions
- ☒ Rotate access keys on a reoccurring basis
- ☐ Use inline policies instead of customer managed policies



- ✓ How does the AWS Enterprise Support Concierge team help users?

1/1

- ☐ Support application development
- ☐ Providing architecture guidance
- ☒ Answering billing and account inquiries
- ☐ Answering questions regarding technical support cases



✓ A company website is experiencing DDoS attacks. Which AWS service can help protect the company website against these attacks? 1/1

- ☐ AWS Resource Access Manager
- ☐ AWS Amplify
- ☒ AWS Shield
- ☐ Amazon GuardDuty



✓ A company wants to integrate its online shopping website with social media login credentials. Which AWS service can the company use to make this integration? 1/1

- ☐ AWS Directory Service
- ☐ AWS Identity and Access Management (IAM)
- ☒ Amazon Cognito
- ☐ AWS IAM Identity Center (AWS Single Sign-on)



✓ Which of the following is an AWS value proposition that describes a user's ability to scale infrastructure based on demand? 1/1

- ☐ Speed of innovation
- ☒ Resource elasticity
- ☐ Decoupled architecture
- ☐ Global deployment



✓ Which Amazon EC2 pricing model provides the MOST cost savings for an always-up, right-sized database server running for a project that will last 1 year? 1/1

- ☐ On-Demand Instances
- ☐ Convertible Reserved Instances
- ☐ Spot Instances
- ☒ Standard Reserved Instances



✓ Which of the following describes some of the core functionality of Amazon S3? 1/1

- ☐ Amazon S3 is a high-performance block storage service that is designed for use with Amazon EC2.
- ☒ Amazon S3 is an object storage service that provides high-level performance, security, scalability, and data availability
- ☐ Amazon S3 is a fully managed, highly reliable, and scalable file storage system that is accessible over the industry-standard SMB protocol
- ☐ Amazon S3 is a scalable, fully managed elastic NFS for use with AWS Cloud services and on-premises resources



✓ A company needs to use third-part software for its workload on AWS. Which AWS service or feature can the company use to purchase the software? 1/1

- ☐ AWS Resource Access Manager
- ☐ AWS Managed Services
- ☐ AWS License Manager
- ☒ AWS Marketplace





✓ Which AWS service allows users to model and provision AWS resources using common programming languages? 1/1

- ☐ AWS CloudFormation
- ☐ AWS CodePipeline
- ☒ AWS Cloud Development Kit (AWS CDK)
- ☐ AWS Systems Manager



✗ A company need an AWS service that provides a clear baseline of what the company runs its on-premises data centers. The company needs the projected cost to run its on-premises workloads in the AWS Cloud. What AWS service or tool will meet these requirements? 0/1

- ☐ AWS Compute Optimizer
- ☒ AWS Cost Explorer
- ☐ AWS Systems Manager Agent (SSM Agent)
- ☐ Migration Evaluator



Correct answer

- ☒ Migration Evaluator

✓ A company often does not use all of its current Amazon EC2 capacity to run stateless workloads. The company wants to optimize its EC2 costs. Which EC2 instance type will meet these requirements? 1/1

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



✓ A company is migrating its workloads to the AWS Cloud. The company must retain full control of patch management for the guest operating systems that host its applications. Which AWS service should the company use to meet these requirements? 1/1

- ☐ Amazon DynamoDB
- ☒ Amazon EC2
- ☐ AWS Lambda
- ☐ Amazon RDS



✓ A company acquired another corporation. The company now has two AWS Accounts. Which AWS service or tool can the company use to consolidate billing for these two accounts? 1/1

- ☐ AWS Systems Manager
- ☒ AWS Organizations
- ☐ AWS License Manager
- ☐ Cost Explorer



✓ A company hosts a large amount of data in AWS. The company wants to identify if any of the data should be considered sensitive. Which AWS service will meet the requirement? 1/1

- ☐ Amazon Inspector
- ☒ Amazon Macie
- ☐ AWS Identity and Access Management (IAM)
- ☐ Amazon CloudWatch



✓ Which maintenance task is the customer's responsibility, according to the AWS shared responsibility model? 1/1

- ☐ Physical connectivity among AZ
- ☐ Network switch maintenance
- ☐ Hardware updates and firmware patches
- ☒ Amazon EC2 updates and security patches



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