

# New test aws

Total points 70/70 ?

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- ✓ A company has been storing monthly reports in an Amazon S3 bucket. \*1/1  
The company exports the report data into comma-separated values (.csv) files. A developer wants to write a simple query that can read all of these files and generate a summary report.

Which AWS service or feature should the developer use to meet these requirements with the LEAST amount of operational overhead?

- ☐ A. Amazon S3 Select
- ☒ B. Amazon Athena
- ☐ C. Amazon Redshift
- ☐ D. Amazon EC2



✓ 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

- ☐ A. On-Demand Instances
- ☐ B. Convertible Reserved Instances
- ☐ C. Spot Instances
- ☒ D. Standard Reserved Instances



✓ A company has a physical tape library to store data backups. The tape library is running out of space. The company needs to extend the tape library's capacity to the AWS Cloud. \*1/1

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

- ☐ A. Amazon Elastic File System (Amazon EFS)
- ☐ B. Amazon Elastic Block Store (Amazon EBS)
- ☐ C. Amazon S3
- ☒ D. AWS Storage Gateway



✓ Which options are AWS Cloud Adoption Framework (AWS CAF) security perspective capabilities? (Choose two.) \*1/1

- ☐ A. Observability
- ☐ B. Incident and problem management
- ☒ C. Incident response
- ☒ D. Infrastructure protection
- ☐ E. Availability and continuity



✓ A company wants to provision and manage its AWS infrastructure by using the common programming languages Typescript, Python, Java, and .NET. \*1/1

Which AWS service will meet this requirement?

- ☐ A. AWS CodeBuild
- ☐ B. AWS CloudFormation
- ☐ C. AWS CLI
- ☒ D. AWS Cloud Development Kit (AWS CDK)



- ✓ A company needs a fully managed file server that natively supports Microsoft workloads and file systems. The file server must also support the SMB protocol. \*1/1

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

- ☐ A. Amazon Elastic File System (Amazon EFS)
- ☐ B. Amazon FSx for Lustre
- ☒ C. Amazon FSx for Windows File Server ✓
- ☐ D. Amazon Elastic Block Store (Amazon EBS)

- ✓ Which task is a responsibility of AWS, according to the AWS shared responsibility model? \*1/1

- ☐ A. Encryption of application data
- ☐ B. Authentication of application users
- ☒ C. Protection of physical network infrastructure ✓
- ☐ D. Configuration of firewalls



- ✓ A company wants to set up its workloads to perform their intended functions and recover quickly from failure. \*1/1

Which pillar of the AWS Well-Architected Framework aligns with these goals?

- ☐ A. Performance efficiency
- ☐ B. Sustainability
- ☒ C. Reliability
- ☐ D. Security



- ✓ A company has a set of ecommerce applications. The applications need to be able to send messages to each other. \*1/1
- Which AWS service meets this requirement?

- ☐ A. AWS Auto Scaling
- ☐ B. Elastic Load Balancing
- ☒ C. Amazon Simple Queue Service (Amazon SQS)
- ☐ D. Amazon Kinesis Data Streams



✓ Which of the following are features of network ACLs as they are used in the AWS Cloud? (Choose two.) \*1/1

- ☒ A. They are stateless. ✓
- ☐ B. They are stateful.
- ☐ C. They evaluate all rules before allowing traffic.
- ☒ D. They process rules in order, starting with the lowest numbered rule, when deciding whether to allow traffic. ✓
- ☐ E. They operate at the instance level.

✓ How does the AWS Enterprise Support Concierge team help users? \* 1/1

- ☐ A. Supporting application development
- ☐ B. Providing architecture guidance
- ☒ C. Answering billing and account inquiries ✓
- ☐ D. Answering questions regarding technical support cases



✓ A company acquired another corporation. The company now has two AWS accounts. \*1/1

Which AWS service or tool can the company use to consolidate the billing for these two accounts?

- ☐ A. AWS Systems Manager
- ☒ B. AWS Organizations
- ☐ C. AWS License Manager
- ☐ D. Cost Explorer



✓ Which AWS service or tool can be used to set up a firewall to control traffic going into and coming out of an Amazon VPC subnet? \*1/1

- ☐ A. Security group
- ☐ B. AWS WAF
- ☐ C. AWS Firewall Manager
- ☒ D. Network ACL



✓ Which AWS service supports the deployment and management of applications in the AWS Cloud? \*1/1

- ☐ A. Amazon CodeGuru
- ☐ B. AWS Fargate
- ☐ C. AWS CodeCommit
- ☒ D. AWS Elastic Beanstalk



✓ 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?

- ☐ A. Spot Instances
- ☒ B. Reserved Instances
- ☐ C. Dedicated Hosts
- ☐ D. On-Demand Instances



✓ A company need an AWS service that provides a clear baseline of what the company runs in its on-premises data centers. The company needs the projected cost to run its on-premises workloads in the AWS Cloud. \*1/1

What AWS service or tool will meet these requirements?

- ☐ A. AWS Compute Optimizer
- ☐ B. AWS Cost Explorer
- ☐ C. AWS Systems Manager Agent (SSM Agent)
- ☒ D. Migration Evaluator





✓ Which AWS service or tool can provide rightsizing recommendations for Amazon EC2 resources at no additional cost? \*1/1

- ☐ A. AWS Well-Architected Tool
- ☐ B. Amazon CloudWatch
- ☒ C. AWS Cost Explorer
- ☐ D. Amazon S3 analytics



✓ A company wants to use the AWS Cloud to deploy an application globally. \*1/1

Which architecture deployment model should the company use to meet this requirement?

- ☒ A. Multi-Region
- ☐ B. Single-Region
- ☐ C. Multi-AZ
- ☐ D. Single-AZ



✓ In which ways does the AWS Cloud offer lower total cost of ownership (TCO) of computing resources than on-premises data centers? (Choose two.) \*1/1

- ☒ A. AWS replaces upfront capital expenditures with pay-as-you-go costs. ✓
- ☐ B. AWS is designed for high availability, which eliminates user downtime.
- ☐ C. AWS eliminates the need for on-premises IT staff.
- ☒ D. AWS uses economies of scale to continually reduce prices. ✓
- ☐ E. AWS offers a single pricing model for Amazon EC2 instances.

✓ A company wants to move its on-premises databases to managed cloud database services by using a simplified migration process. \*1/1

Which AWS service or tool can help the company meet this requirement?

- ☐ A. AWS Storage Gateway
- ☐ B. AWS Application Migration Service
- ☐ C. AWS DataSync
- ☒ D. AWS Database Migration Service (AWS DMS) ✓



✓ Which of the following is a characteristic of the AWS account root user? \* 1/1

- ☐ A. The root user is the only user that can be configured with multi-factor authentication (MFA).
- ☐ B. The root user is the only user that can access the AWS Management Console.
- ☒ C. The root user is the first sign-in identity that is available when an AWS account is created. ✓
- ☐ D. The root user has a password that cannot be changed.

✓ A company plans to run a compute-intensive workload that uses graphics processing units (GPUs). \*1/1

Which Amazon EC2 instance type should the company use?

- ☒ A. Accelerated computing ✓
- ☐ B. Compute optimized
- ☐ C. Storage optimized
- ☐ D. General purpose

✓ A company wants to use application stacks to run a workload in the AWS Cloud. The company wants to use pre-configured instances. \*1/1

Which AWS service will meet these requirements?

- ☒ A. Amazon Lightsail ✓
- ☐ B. Amazon Athena
- ☐ C. AWS Outposts
- ☐ D. Amazon EC2

- ✓ A library wants to automate the classification of electronic books based on the contents of the books. \*1/1

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

- ☐ A. Amazon Redshift
- ☐ B. Amazon CloudSearch
- ☒ C. Amazon Comprehend
- ☐ D. Amazon Aurora



- ✓ Which option is an AWS Cloud Adoption Framework (AWS CAF) business perspective capability? \*1/1

- ☐ A. Culture evolution
- ☐ B. Event management
- ☒ C. Data monetization
- ☐ D. Platform architecture



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

- ☐ A. Amazon Detective
- ☐ B. AWS Pricing Calculator
- ☒ C. Savings Plans
- ☐ D. Basic Support



✓ What can a user accomplish using AWS CloudTrail? \*

1/1

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

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

- ☐ A. Physical connectivity among Availability Zones
- ☐ B. Network switch maintenance
- ☐ C. Hardware updates and firmware patches
- ☒ D. Amazon EC2 updates and security patches ✓



- ✓ A company wants to transform its workforce by attracting and developing a digitally fluent high-performance workforce. The company wants to attract a diverse and inclusive workforce with appropriate mix of technical and non-technical skills. \*1/1

Which AWS Cloud Adoption Framework (AWS CAF) perspective will meet these requirements?

- ☐ A. Business
- ☒ B. People
- ☐ C. Platform
- ☐ D. Operations



- ✓ Which AWS service can companies use to create infrastructure from code? \*1/1

- ☐ A. Amazon Elastic Kubernetes Service (Amazon EKS)
- ☐ B. AWS Outposts
- ☐ C. AWS CodePipeline
- ☒ D. AWS CloudFormation



- ✓ A company wants to establish a private network connection between AWS and its corporate network. \*1/1

Which AWS service or feature will meet this requirement?

- ☐ A. Amazon Connect
- ☐ B. Amazon Route 53
- ☒ C. AWS Direct Connect
- ☐ D. VPC peering



- ✓ Which AWS Cloud deployment model uses AWS Outposts as part of the application deployment infrastructure? \*1/1

- ☐ A. On-premises
- ☐ B. Serverless
- ☐ C. Cloud-native
- ☒ D. Hybrid



- ✓ A company wants to deploy some of its resources in the AWS Cloud. To meet regulatory requirements, the data must remain local and on premises. There must be low latency between AWS and the company resources. \*1/1

Which AWS service or feature can be used to meet these requirements?

- ☐ A. AWS Local Zones
- ☐ B. Availability Zones
- ☒ C. AWS Outposts
- ☐ D. AWS Wavelength Zones



- ✓ 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. \*1/1

Which AWS service will meet these requirements?

- ☐ A. AWS DataSync
- ☐ B. Amazon Connect
- ☒ C. AWS Snowmobile
- ☐ D. AWS Direct Connect





- ✓ An Amazon EC2 instance previously used for development is inaccessible and no longer appears in the AWS Management Console. \*1/1

Which AWS service should be used to determine what action made this EC2 instance inaccessible?

- ☐ A. Amazon CloudWatch Logs
- ☐ B. AWS Security Hub
- ☐ C. Amazon Inspector
- ☒ D. AWS CloudTrail ✓

- ✓ A company is using the AWS Free Tier for several AWS services for an application. \*1/1

What will happen if the Free Tier usage period expires or if the application use exceeds the Free Tier usage limits?

- ☒ A. The company will be charged the standard pay-as-you-go service rates for the usage that exceeds the Free Tier usage. ✓
- ☐ B. AWS Support will contact the company to set up standard service charges.
- ☐ C. 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.
- ☐ D. The company's AWS account will be frozen and can be restarted after a payment plan is established.



✓ A company website is experiencing DDoS attacks. \*1/1

Which AWS service can help protect the company website against these attacks?

- ☐ A. AWS Resource Access Manager
- ☐ B. AWS Amplify
- ☒ C. AWS Shield
- ☐ D. Amazon GuardDuty



✓ A company wants to quickly implement a continuous integration/continuous delivery (CI/CD) pipeline. \*1/1

Which AWS service will meet this requirement?

- ☐ A. AWS Config
- ☐ B. Amazon Cognito
- ☐ C. AWS DataSync
- ☒ D. AWS CodeStar



✓ At what support level do users receive access to a support concierge? \* 1/1

- ☐ A. Basic Support
- ☐ B. Developer Support
- ☐ C. Business Support
- ☒ D. Enterprise Support



- ✓ An ecommerce company wants to use Amazon EC2 Auto Scaling to add and remove EC2 instances based on CPU utilization. \*1/1

Which AWS service or feature can initiate an Amazon EC2 Auto Scaling action to achieve this goal?

- ☐ A. Amazon Simple Queue Service (Amazon SQS)
- ☐ B. Amazon Simple Notification Service (Amazon SNS)
- ☐ C. AWS Systems Manager
- ☒ D. Amazon CloudWatch alarm ✓

- ✓ Which mechanism allows developers to access AWS services from application code? \*1/1

- ☒ A. AWS Software Development Kit ✓
- ☐ B. AWS Management Console
- ☐ C. AWS CodePipeline
- ☐ D. AWS Config

- ✓ What is a benefit of using AWS serverless computing? \* 1/1

- ☐ A. Application deployment and management are not required.
- ☐ B. Application security will be fully managed by AWS.
- ☐ C. Monitoring and logging are not needed.
- ☒ D. Management of infrastructure is offloaded to AWS. ✓



✓ A company wants to migrate its applications to the AWS Cloud. The company plans to identify and prioritize any business transformation opportunities and evaluate its AWS Cloud readiness.

\*1/1

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

- ☒ A. AWS Cloud Adoption Framework (AWS CAF)
- ☐ B. AWS Managed Services (AMS)
- ☐ C. AWS Well-Architected Framework
- ☐ D. AWS Migration Hub



✓ Which of the following is a fully managed graph database service on AWS?

\*1/1

- ☐ A. Amazon Aurora
- ☐ B. Amazon FSx
- ☐ C. Amazon DynamoDB
- ☒ D. Amazon Neptune



- ✓ A user needs a relational database but does not have the resources to manage the hardware, resiliency, and replication. \*1/1

Which AWS service option meets the user's requirements?

- ☐ A. Run MySQL on Amazon Elastic Container Service (Amazon ECS).
- ☐ B. Run MySQL on Amazon EC2.
- ☒ C. Choose Amazon RDS for MySQL. ✓
- ☐ D. Choose Amazon ElastiCache for Redis.

- ✓ Which task can a company perform by using security groups in the AWS Cloud? \*1/1

- ☒ A. Allow access to an Amazon EC2 instance through only a specific port. ✓
- ☐ B. Deny access to malicious IP addresses at a subnet level.
- ☐ C. Protect data that is cached by Amazon CloudFront.
- ☐ D. Apply a stateless firewall to an Amazon EC2 instance.



- ✓ 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. \*1/1

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

- ☐ A. Amazon DynamoDB
- ☒ B. Amazon EC2
- ☐ C. AWS Lambda
- ☐ D. Amazon RDS



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

- ☐ A. Amazon Athena
- ☒ B. AWS Glue
- ☐ C. Amazon S3
- ☐ D. 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. \*1/1

Which S3 storage class will meet this requirement?

- ☐ A. S3 Standard
- ☐ B. S3 Intelligent-Tiering
- ☐ C. S3 Standard-Infrequent Access (S3 Standard-IA)
- ☒ D. S3 One Zone-Infrequent Access (S3 One Zone-IA) ✓

- ✓ Which AWS services make use of global edge locations? (Choose two.) \* 1/1

- ☐ A. AWS Fargate
- ☒ B. Amazon CloudFront ✓
- ☒ C. AWS Global Accelerator ✓
- ☐ D. AWS Wavelength
- ☐ E. Amazon VPC



- ✓ 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?

- ☐ A. Business
- ☐ B. Governance
- ☐ C. Platform
- ☒ D. Operations



- ✓ Which architecture concept describes the ability to deploy resources on demand and release resources when they are no longer needed? \*1/1

- ☐ A. High availability
- ☐ B. Decoupled architecture
- ☐ C. Resilience
- ☒ D. Elasticity





- ✓ A company wants to run its workload on Amazon EC2 instances for more than 1 year. This workload will run continuously. \*1/1

Which option offers a discounted hourly rate compared to the hourly rate of On-Demand Instances?

- ☐ A. AWS Graviton processor
- ☐ B. Dedicated Hosts
- ☒ C. EC2 Instance Savings Plans ✓
- ☐ D. Amazon EC2 Auto Scaling instances

- ✓ A company operates a petabyte-scale data warehouse to analyze its data. \*1/1  
The company wants a solution that will not require manual hardware and software management.

Which AWS service will meet these requirements?

- ☐ A. Amazon DocumentDB (with MongoDB compatibility)
- ☒ B. Amazon Redshift ✓
- ☐ C. Amazon Neptune
- ☐ D. Amazon ElastiCache



- ✓ A company needs to connect its on-premises data center to the AWS Cloud. The company needs a dedicated, low-latency connection with consistent network performance. \*1/1

Which AWS service will meet these requirements?

- ☐ A. AWS Global Accelerator
- ☐ B. Amazon CloudFront
- ☒ C. AWS Direct Connect ✓
- ☐ D. AWS Managed VPN

- ✓ Which AWS feature provides a no-cost platform for AWS users to join community groups, ask questions, find answers, and read community-generated articles about best practices? \*1/1

- ☐ A. AWS Knowledge Center
- ☒ B. AWS re:Post ✓
- ☐ C. AWS IQ
- ☐ D. AWS Enterprise Support



✓ A company is planning to host its workloads on AWS.

\*1/1

Which AWS service requires the company to update and patch the guest operating system?

- ☐ A. Amazon DynamoDB
- ☐ B. Amazon S3
- ☒ C. Amazon EC2
- ☐ D. Amazon Aurora



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

\*1/1

- ☐ A. AWS API
- ☐ B. AWS Lightsail
- ☐ C. AWS Cloud9
- ☒ D. AWS CloudShell



✓ Which capabilities are in the platform perspective of the AWS Cloud Adoption Framework (AWS CAF)? (Choose two.) \*1/1

- ☐ A. Performance and capacity management
- ☒ B. Data engineering ✓
- ☒ C. Continuous integration and continuous delivery (CI/CD) ✓
- ☐ D. Infrastructure protection
- ☐ E. Change and release management

✓ Which AWS service is a relational database compatible with MySQL and PostgreSQL? \*1/1

- ☐ A. Amazon Redshift
- ☐ B. Amazon DynamoDB
- ☒ C. Amazon Aurora ✓
- ☐ D. Amazon Neptune



✓ Which options are AWS Cloud Adoption Framework (AWS CAF) cloud transformation journey recommendations? (Choose two.) \*1/1

- ☒ A. Envision phase ✓
- ☒ B. Align phase ✓
- ☐ C. Assess phase
- ☐ D. Mobilize phase
- ☐ E. Migrate and modernize phase

✓ A company needs to search for text in documents that are stored in Amazon S3. \*1/1

Which AWS service will meet these requirements?

- ☒ A. Amazon Kendra ✓
- ☐ B. Amazon Rekognition
- ☐ C. Amazon Polly
- ☐ D. Amazon Lex

✓ Which option is a benefit of using AWS for cloud computing? \* 1/1

- ☐ A. Trade variable expense for fixed expense
- ☒ B. Pay-as-you-go pricing ✓
- ☐ C. Decreased speed and agility
- ☐ D. Spending money running and maintaining data centers



✓ Which AWS service allows users to download security and compliance reports about the AWS infrastructure on demand? \*1/1

- ☐ A. Amazon GuardDuty
- ☐ B. AWS Security Hub
- ☒ C. AWS Artifact
- ☐ D. AWS Shield



✓ Which AWS service or feature will search for and identify AWS resources that are shared externally? \*1/1

- ☐ A. Amazon OpenSearch Service
- ☐ B. AWS Control Tower
- ☒ C. AWS IAM Access Analyzer
- ☐ D. AWS Fargate



✓ A company wants to create a globally accessible ecommerce platform for its customers. The company wants to use a highly available and scalable DNS web service to connect users to the platform. \*1/1

Which AWS service will meet these requirements?

- ☐ A. Amazon EC2
- ☐ B. Amazon VPC
- ☒ C. Amazon Route 53
- ☐ D. Amazon RDS



✓ Which AWS service or feature can be used to create a private connection between an on-premises workload and an AWS Cloud workload? \*1/1

- ☐ A. Amazon Route 53
- ☐ B. Amazon Macie
- ☒ C. AWS Direct Connect
- ☐ D. AWS PrivateLink



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

- ☐ A. Resource scalability
- ☒ B. Performance efficiency
- ☐ C. System elasticity
- ☐ D. Agile development
- ☒ E. Operational excellence



- ✓ A company wants to receive alerts to monitor its overall operating costs for its AWS public cloud infrastructure. \*1/1

Which AWS offering will meet these requirements?

- ☐ A. Amazon EventBridge
- ☐ B. Compute Savings Plans
- ☒ C. AWS Budgets
- ☐ D. Migration Evaluator



- ✓ A company wants to migrate unstructured data to AWS. The data needs to be securely moved with inflight encryption and end-to-end data validation. \*1/1

Which AWS service will meet these requirements?

- ☐ A. AWS Application Migration Service
- ☐ B. Amazon Elastic File System (Amazon EFS)
- ☒ C. AWS DataSync
- ☐ D. AWS Migration Hub



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