1. 1. Question

A customer has a popular website that has millions of viewers from all over the world and has read-heavy database workloads. Which of the following is the best option to use to increase the read throughput on their database?

* + Enable Amazon RDS Read Replicas
  + Use SQS to queue up the requests
  + Enable Multi-AZ deployments
  + Enable Amazon RDS Standby Replicas

1. 2. Question

Which of the following do you need to programmatically interact with your AWS environment? (Select TWO.)

* + AWS Lambda
  + Account username and password
  + AWS Management Console
  + Access keys
  + AWS SDK

1. 3. Question

Which of the following perspective includes the foundational capabilities of the AWS Cloud Adoption Framework (AWS CAF)?

* + Sustainability
  + Reliability
  + Security
  + Scalability

1. 4. Question

A company has a large amount of data stored in multiple sources such as S3, Redshift, and RDS, and they need to extract, transform and load this data into a data warehouse.  
Which AWS service can help automate this process?

* + AWS Lambda
  + Amazon Athena
  + AWS Glue
  + Amazon EC2

1. 5. Question

Which of the following does AWS automatically handle for you? (Select TWO.)

* + Introduce updates and patches to EC2 hypervisors
  + Introduce updates and patches to EC2 guest operating systems
  + Makes sure your data is safely kept and replicated between AZs
  + Provide web application firewall protection to your public endpoints.
  + Secure AWS data centers from environmental hazards

1. 6. Question

Which of the following instances is it better to use IAM roles rather than IAM users? (Select TWO.)

* + When you have outside entities that need to perform specific actions in your AWS account
  + When you need a GUI to interact with your AWS environment
  + When you need an administrator to handle the AWS account for you
  + If you have employees who will constantly need access to your AWS resources
  + When you want to provide AWS services permissions to do certain actions

1. 7. Question

Which AWS well-architected pillar stresses the importance of selecting the most appropriate and right number of resource types for your requirements?

* + Reliability
  + Performance Efficiency
  + Operational Excellence
  + Cost optimization

1. 8. Question

Which of the following is a benefit of using AWS Config?

* + Facilitates the management of user access to AWS resources.
  + Facilitates the real-time monitoring of AWS resources for security threats.
  + Facilitates adherence to regulatory requirements and best practices.
  + Facilitates the automation of AWS resource deployment.

1. 9. Question

What is the right arrangement of the AWS Global Infrastructure components according to their geographical coverage area size, in descending order?

* + Regions, Availability Zones, Edge Locations
  + Edge Locations, Availability Zones, Regions
  + Regions, Edge Locations, Availability Zones
  + Availability Zones, Edge Locations, Regions

1. 10. Question

A customer has recently experienced an SQL injection attack on their web application’s database hosted in EC2. They submitted a complaint ticket to AWS. What should be the response from AWS?

* + AWS should not be liable for the damages since the customer should have properly patched the EC2 instance.
  + AWS should reiterate that the customer is responsible for the security of their applications in the Cloud.
  + AWS should secure their infrastructure better to reduce these kinds of incidents.
  + AWS and the customer should contact a third party auditor to verify the incident.

1. 11. Question

Which of the following services combine 5G networks with AWS compute and storage services for the benefit of high-performance mobile applications?

* + AWS Cloud9
  + AWS Amplify
  + AWS Control Tower
  + AWS Wavelength

1. 12. Question

Which of the following is an example of having a highly available application in AWS?

* + Running your RDS instance with multi-AZ enabled
  + Running spot instances for your EC2 workloads
  + Running CloudFront for the static website in your S3 bucket
  + Using SQS to decouple messages between a sender and a receiver

1. 13. Question

A Software Engineer is having trouble migrating and configuring a licensed application on an EC2 instance. Which of the following options would you recommend to quickly get the applications up and running in AWS?

* + Use AWS Application Discovery Service to create an exact copy of the application in EC2.
  + Try to look for an AMI in the AWS Marketplace that provides a similar setup to her application stack.
  + Create a Docker image of the application and launch Docker in the EC2 instances.
  + Setup a VPN connection from her local network to her AWS VPC, which essentially means that her work is now running in the Cloud.

1. 14. Question

Which of the following is true regarding the AWS Cost and Usage report? (Select TWO.)

* + Helps you visualize, understand, and manage your AWS costs and usage over time via an intuitive interface that enables you to quickly create custom reports
  + Provides you a dashboard that lets you view the status of your month-to-date AWS expenditure and provides access to a number of other cost management products that can help you dig deeper into your AWS costs and usage
  + Allows you to load your cost and usage information into Amazon Athena, Amazon Redshift, and AWS QuickSight
  + Lets you set custom cost and usage budgets that alert you when those thresholds are exceeded
  + Provides you with granular data about your AWS costs and usage

1. 15. Question

Which of the following does the Enterprise support plan provide to customers in AWS? (Select TWO.)

* + Proactive Technical Account Management
  + 5-minute response time support if your business-critical system goes down
  + Limited access to the 7 Core Trusted Advisor checks
  + 15-minute response time support if your production system goes down
  + Access to online self-paced labs

1. 16. Question

Which service enables you to set up directories in the AWS cloud, or connect your AWS resources with an existing on-premises Microsoft Active Directory?

* + Amazon Connect
  + AWS Site-to-Site VPN
  + AWS Directory Service
  + AWS Direct Connect

1. . Question

A customer needs to store objects that are frequently accessed. To help the customer save costs, you must select a storage service free from retrieval charges. Which of the following S3 storage classes would meet this requirement? (Select TWO.)

* + S3 Intelligent Tiering
  + S3 Standard
  + S3 Glacier Deep Archive
  + S3 One Zone-IA
  + S3 Standard-IA

1. Question

Which of the following pricing options will automatically reduce your cost on any EC2 instance usage regardless of region, instance family, size, OS, or tenancy?

* + Reserved Instances
  + On-Demand Instances
  + Dedicated Hosts
  + Savings Plans

1. Question

A developer needs to install their application in Docker containers. Which of the following services eliminates the need to manage containers manually?

* + Amazon EC2
  + Amazon ECS
  + AWS Fargate
  + Amazon FSx

1. Question

Which AWS service provides automated reference deployments for key workloads in AWS via CloudFormation templates?

* + AWS Systems Manager Automation
  + AWS Quick Starts
  + AWS OpsWorks
  + AWS Config

1. Question

A developer plans to build a serverless application with a key-value database. Which of the following AWS services can be used to fulfill this requirement? (Select TWO.)

* + Amazon RDS
  + AWS Lambda
  + Amazon DynamoDB
  + Amazon ECR
  + Amazon SageMaker

1. Question

What is the MOST affordable AWS Support plan that provides users access to the AWS Support API?

* + Enterprise
  + Basic
  + Business
  + Developer

1. Question

A company needs to store frequently accessed data in Amazon S3. How will AWS bill you for storing objects in your S3 buckets?

* + By Instance Type
  + Per Unique File Type
  + Per Hour or Second
  + Per GB

1. Question

A team of developers needs to run hundreds of thousands of fully managed batch computing jobs on AWS. Which of the following service should they choose?

* + AWS Fargate
  + AWS Elastic Beanstalk
  + AWS Lambda
  + AWS Batch

1. Question

A developer needs to set up a message broker service for Apache ActiveMQ for its enterprise application running in AWS. Which service should be used in this scenario?

* + Amazon MQ
  + Amazon WorkMail
  + Amazon Simple Email Service
  + Amazon Chime

1. Question

Which of the following AWS services helps you coordinate the components of distributed applications and microservices using visual workflows?

* + AWS Step Functions
  + Amazon Rekognition
  + Amazon API Gateway
  + AWS Batch

1. Question

Which of the following best describes Amazon Redshift?

* + A messaging and queuing service.
  + An Online Transaction Processing (OLTP) database.
  + A NoSQL database service.
  + A managed data warehouse service.

1. Question

Which AWS service can automatically detect a large and growing list of sensitive data types, including personally identifiable information (PII) such as names, addresses, and credit card numbers?

* + Amazon CloudSearch
  + Amazon Macie
  + Amazon CloudWatch
  + Amazon Rekognition

1. Question

A startup company plans to create a user management and authentication service for its customers. The users need to sign in through an external identity provider to access their web and mobile applications. Which AWS service should they use to meet this requirement?

* + AWS Artifact
  + Amazon Macie
  + AWS IAM
  + Amazon Cognito

1. Question

Which service should you use to run complex analytic queries against terabytes to petabytes of structured data?

* + Amazon S3
  + Amazon Redshift
  + Amazon DynamoDB
  + Amazon Neptune

1. Question

Which of the following AWS resources is a zonal service? (Select TWO.)

* + Amazon EC2
  + Amazon EBS
  + Amazon Route 53
  + AWS IAM
  + Amazon S3

1. Question

A company is using Cost Explorer to gain an understanding of its cost trends in AWS. How many months of historical data can Cost Explorer store and display?

* + 3 Months
  + 6 Months
  + 12 Months
  + 15 Months

1. Question

What service will allow you to safely store and automatically rotate database secrets for services such as Amazon RDS and Amazon Redshift?

* + AWS Artifact
  + AWS KMS
  + AWS Secrets Manager
  + AWS Systems Manager Parameter Store

1. Question

Which configuration management service in AWS helps you configure applications and manage resources in your cloud architecture by using Puppet or Chef?

* + AWS Config
  + AWS Management Console
  + AWS OpsWorks
  + AWS Systems Manager

1. Question

Which of the following benefits do AWS Organizations provide? (Select TWO.)

* + Records AWS API calls
  + Automate AWS account creation and management
  + Ability to create IAM Roles
  + Allow Active Directory access controls
  + Centrally manage policies across multiple AWS accounts

1. Question

In the event of a disaster or an outage, AWS recommends that you spread your servers and databases at least in different \_\_\_\_\_?

* + Regions
  + VPCs
  + Availability Zones
  + AWS Accounts

1. Question

A customer is choosing the best AWS support plan which includes a designated Technical Account Manager. Which of the following should they choose?

* + Enterprise
  + Developer
  + Business
  + Enterprise On-Ramp

1. . Question

How is expense shifted when moving from traditional servers to the Cloud?

* + Operational expense is traded for variable expense
  + Variable expense is traded for capital expense
  + Capital expense is traded for variable expense
  + Capital expense is traded for operational expense

1. Question

Which of the following actions does not affect costs when using Amazon S3?

* + Moving objects out of your S3 bucket to another bucket
  + Choosing S3 Standard IA rather than One Zone IA
  + Data transfer costs for uploading objects into your S3 bucket.
  + Making GET requests to your S3 objects

1. Question

What are the benefits of using Amazon DynamoDB as your database? (Select TWO.)

* + DynamoDB offers 11 9’s in terms of durability, according to the SLA
  + You can perform very complex queries and joins without deterioration in performance
  + DynamoDB is self-healing, which means your data is scanned for errors and is repaired continuously
  + Database size scales automatically so you won’t have to worry about capacity
  + You can store different kinds of unstructured data that would normally not be suitable for relational databases

1. Question

Where can the customer view his Reserved Instance usage for the past month?

* + Amazon EC2
  + AWS Organizations
  + AWS Billing Console
  + Amazon S3

1. Question

A company is planning to use AWS Cloud to augment the resources of their on-premises data center to better serve their customers around the world. How does a company benefit from using AWS?

* + Replace low variable costs with upfront capital infrastructure expenses
  + Replace high variable costs with upfront capital infrastructure expenses
  + Benefit from massive discounts from the Amazon.com shopping website
  + Benefit from massive economies of scale

1. Question

You have a customized EC2 instance running your latest web application. How can you create an exact copy of this instance in another region?

* + There is no way to do this in AWS. You will have to perform the transfer manually.
  + Create a load balancer with an auto scaling group that is linked between your two regions. Scale up to have another instance running in the other region.
  + Create a golden AMI of the instance and copy it to the other region.
  + Create backups of all your EBS volumes and copy them to another region.

1. Question

Which AWS storage service offers faster disk read and write performance and provides temporary block-level storage for your instance?

* + EFS
  + EBS Throughput Optimized HDD
  + Instance Store
  + EBS Provisioned IOPS SSD

1. Question

Which of the following purchase options offers the most significant discount compared to On-Demand instance pricing to process steady-state workloads that will continuously be running for a year and also provide capacity reservation?

* + Convertible Reserved Instance
  + Dedicated Instance
  + Standard Reserved Instance
  + Savings Plans

1. Question

Which cloud computing advantage describes how you can easily deploy your application in multiple AWS regions with just a few clicks?

* + Stop guessing capacity
  + Benefit from massive economies of scale
  + Stop spending money running and maintaining data centers
  + Go global in minutes

1. Question

Which of the following services should you provision if your local data center requires additional storage space without having to migrate data?

* + AWS Snowball Edge
  + AWS Direct Connect
  + AWS Backup
  + AWS Storage Gateway

1. Question

Which among the following is the most cost-effective and scalable choice for object storage?

* + AWS Storage Gateway
  + Amazon S3
  + Amazon EFS
  + Amazon EBS

1. Question

In implementing continuous integration and continuous delivery (CI/CD) in your cloud architecture, which service will make it easy for you to set up your entire development and continuous delivery toolchain for coding, building, testing, and deploying your application code?

* + AWS CodeCommit
  + AWS CodeStar
  + AWS CodePipeline
  + AWS CodeBuild

1. Question

Availability Zones are physically separated by a meaningful distance from any other AZ, although all are within 100 km or 60 miles of each other. What is the primary reason why Availability Zones are set up the way they are now?

* + To keep them as far apart from each other in case of a disaster
  + To achieve better network connectivity to users in the location
  + To maximize area coverage in a Region
  + Price of the land is cheaper in those locations

1. Question

A number of servers in your on-premises data center have been collecting dust over the past few years. What is the benefit of moving to the Cloud in this case?

* + The ability to provision resources only when you need them
  + Physical servers are managed and maintained by AWS for you
  + The ability to pay for only what you use
  + AWS has automated services for you

1. Question

What cloud computing model deals with services such as EC2 instances?

* + PaaS
  + IaaS
  + SaaS
  + DBaaS

1. Question

What is the lowest support plan that allows an unlimited number of technical support cases to be opened?

* + Developer
  + Enterprise
  + Basic
  + Business

1. Question

A company used to experience delays in developing new services due to the time it took to procure and set up on-premises servers. They recently migrated their infrastructure to the AWS Cloud. This change has allowed them to spin up testing environments in just days, accelerating the time to market for their services.  
Which of the following AWS Cloud benefits is showcased in this particular scenario?

* + Cost savings
  + Agility
  + Deploy globally in minutes
  + Elasticity

1. Question

An employee is asking for access to your S3 buckets. What should be the level of access that you should provide to him?

* + Ask what type of access he requires and only provide him those permissions
  + Give him read-only access
  + Give him administrator access levels
  + Give him S3 full access

1. Question

A startup plans to host a simple WordPress site on AWS. However, due to its developers‘ limited knowledge on AWS, they seek the easiest method of deploying the site.  
Which AWS service should the startup use?

* + Amazon Elastic Compute Cloud (EC2)
  + AWS Glue
  + Amazon Lightsail
  + Amazon Elastic Beanstalk

1. Question

What infrastructure does Amazon CloudFront utilize to speed up content delivery to customers?

* + Edge Locations
  + Availability Zones
  + Direct Connect
  + Local Zones

1. Question

What does AWS do when a storage device reaches the end of its lifespan?

* + AWS simply wipes the device and disposes it
  + AWS wipes the drives and sends it back to the manufacturer to procure a new one
  + AWS archives the device in case customers request their data again
  + AWS follows a strict decommissioning process as described in compliance procedures