1. Question

According to the AWS Acceptable Use Policy, which of the following statements is true regarding penetration testing of EC2 instances?

* + Penetration testing is performed automatically by AWS to determine vulnerabilities in your AWS infrastructure
  + The AWS customers are only allowed to perform penetration testing on services managed by AWS
  + Penetration testing is not allowed in AWS
  + Penetration testing can be performed by the customer on their own instances without prior authorization from AWS

1. Question

What is the AWS service that provides a virtual network dedicated to your AWS account?

* + AWS Dedicated Hosts
  + Amazon VPC
  + AWS VPN
  + AWS Subnets

1. Question

Hundreds of thousands of DDoS attacks are recorded every month worldwide. What service does AWS provide to help protect AWS Customers from these attacks? (Choose TWO)

* + AWS Config
  + AWS Shield
  + AWS WAF
  + Amazon Cognito
  + AWS KMS

1. Question

Adjusting compute capacity dynamically to reduce cost is an implementation of which AWS cloud best practice?

* + Implement elasticity
  + Build security in every layer
  + Adopt monolithic architecture
  + Parallelize tasks

1. Question

A Japanese company hosts their applications on Amazon EC2 instances in the Tokyo Region. The company has opened new branches in the United States, and the US users are complaining of high latency. What can the company do to reduce latency for the users in the US while minimizing costs?

* + Registering a new US domain name to serve the users in the US
  + Building a new data center in the US and implementing a hybrid model
  + Applying the Amazon Connect latency-based routing policy
  + Deploying new Amazon EC2 instances in a Region located in the US

1. Question

A startup company is operating on limited funds and is extremely concerned about cost overruns. Which of the below options can be used to notify the company when their monthly AWS bill exceeds $2000? (Choose TWO)

* + Configure the Amazon Connect Service to alert the company when the threshold is exceeded
  + Setup a CloudWatch billing alarm that triggers an SNS notification when the threshold is exceeded
  + Configure the Amazon Simple Email Service to send billing alerts to their email address on a daily basis
  + Configure AWS CloudTrail to automatically delete all AWS resources when the threshold is exceeded
  + Configure the AWS Budgets Service to alert the company when the threshold is exceeded

1. Question

Which of the below options are related to the reliability of AWS? (Choose TWO)

* + Applying the principle of least privilege to all AWS resources
  + Ability to recover quickly from failures
  + Providing compensation to customers if issues occur
  + Automatically provisioning new resources to meet demand
  + All AWS services are considered Global Services, and this design helps customers serve their international users

1. Question

Which service provides object-level storage in AWS?

* + Amazon EFS
  + Amazon S3
  + Amazon EBS
  + Amazon Instance Store

1. Question

A company has moved to AWS recently. Which of the following AWS Services will help ensure that they have the proper security settings? (Choose TWO)

* + Amazon SNS
  + AWS Trusted Advisor
  + Concierge Support Team
  + Amazon Inspector
  + Amazon CloudWatch

1. Question

Which of the following helps a customer view the Amazon EC2 billing activity for the past month?

* + AWS Budgets
  + AWS Pricing Calculator
  + AWS Cost & Usage Reports
  + AWS Systems Manager

1. Question

What is the AWS feature that provides an additional level of security above the default authentication mechanism of usernames and passwords?

* + AWS MFA
  + AWS KMS
  + Email verification
  + Encrypted keys

1. Question

You want to run a questionnaire application for only one day (without interruption), which Amazon EC2 purchase option should you use?

* + Reserved instances
  + Dedicated instances
  + Spot instances
  + On-demand instances

1. Question

In order to implement best practices when dealing with a “Single Point of Failure,” you should attempt to build as much automation as possible in both detecting and reacting to failure. Which of the following AWS services would help? (Choose TWO)

* + Amazon EC2
  + ELB
  + Amazon Athena
  + Auto Scaling
  + ECR

1. Question

An organization has decided to purchase an Amazon EC2 Reserved Instance (RI) for three years in order to reduce costs. It is possible that the application workloads could change during the reservation period.  
What is the EC2 Reserved Instance (RI) type that will allow the company to exchange the purchased reserved instance for another reserved instance with higher computing power if they need to?

* + Convertible RI
  + Premium RI
  + Standard RI
  + Elastic RI

1. Question

Your company is developing a critical web application in AWS, and the security of the application is a top priority. Which of the following AWS services will provide infrastructure security optimization recommendations?

* + AWS Management Console
  + AWS Shield
  + AWS Trusted Advisor
  + AWS Secrets Manager

1. Question

Which of the following can be described as a global content delivery network (CDN) service?

* + Amazon CloudFront
  + AWS Regions
  + AWS VPN
  + AWS Direct Connect

1. Question

You have noticed that several critical Amazon EC2 instances have been terminated. Which of the following AWS services would help you determine who took this action?

* + Amazon Inspector
  + AWS CloudTrail
  + EC2 Instance Usage Report
  + AWS Trusted Advisor

1. Question

A company has developed an eCommerce web application in AWS. What should they do to ensure that the application has the highest level of availability?

* + Deploy the application across multiple Availability Zones and Edge locations
  + Deploy the application across multiple VPC’s and subnets
  + Deploy the application across multiple Regions and Availability Zones
  + Deploy the application across multiple Availability Zones and subnets

1. Question

Which of the following are examples of AWS-Managed Services, where AWS is responsible for the operational and maintenance burdens of running the service? (Choose TWO)

* + Amazon Elastic MapReduce
  + AWS IAM
  + Amazon VPC
  + Amazon Elastic Compute Cloud
  + Amazon DynamoDB

1. Question

The principle “design for failure and nothing will fail” is very important when designing your AWS Cloud architecture. Which of the following would help adhere to this principle? (Choose TWO)

* + Availability Zones
  + Penetration testing
  + Vertical Scaling
  + Elastic Load Balancing
  + Multi-factor authentication

1. Question

Select TWO examples of the AWS shared controls.

* + Configuration Management
  + Patch Management
  + VPC Management
  + Data Center operations
  + IAM Management

1. Question

The identification process of an online financial services company requires that new users must complete an online interview with their security team. The completed recorded interviews are only required in the event of a legal issue or a regulatory compliance breach. What is the most cost-effective service to store the recorded videos?

* + Amazon EBS
  + AWS Marketplace
  + S3 Intelligent-Tiering
  + Amazon S3 Glacier Deep Archive

1. Question

Which of the below is a best-practice when designing solutions on AWS?

* + Provision a large compute capacity to handle any spikes in load
  + Use AWS reservations to reduce costs when testing your production environment
  + Invest heavily in architecting your environment, as it is not easy to change your design later
  + Automate wherever possible to make architectural experimentation easier

1. Question

Under the shared responsibility model, which of the following is the responsibility of AWS?

* + Server-side encryption
  + Filtering traffic with Security Groups
  + Configuring infrastructure devices
  + Client-side encryption

1. Question

One of the most important AWS best-practices to follow is the cloud architecture principle of elasticity. How does this principle improve your architecture’s design?

* + By reducing interdependencies between application components wherever possible
  + By automatically scaling your on-premises resources based on changes in demand
  + By automatically provisioning the required AWS resources based on changes in demand
  + By automatically scaling your AWS resources using an Elastic Load Balancer

1. Question

Which of the following is not a category recommendation given by the AWS Trusted Advisor?

* + A. Security
  + B. High Availability
  + C. Cost Optimization
  + D. Performance
  + E. Fault tolerance

1. Question

When giving permission to users via the AWS Identity and Access Management tool , which of the following principles should be applied when granting permissions

* + A. Principle of least privilege
  + B. Principle of greatest privilege
  + C. Principle of most privilege
  + D. Principle of lower privilege

1. . Question

Which of the below mentioned services is equivalent to hosting virtual servers on an on-premise location?

* + A. AWS IAM
  + B. AWS Server
  + C. AWS EC2
  + D. AWS Regions

1. Question

You have a set of EC2 Instances hosted on the AWS Cloud. The EC2 Instances are hosting a web application. If you get a DDos attack from the internet which of the following can help in reducing the overall threat to your EC2 Instances. Choose 2 answers from the options given below

* + A. Usage of Security Groups
  + B. Usage of AWS Config
  + C. Usage of Network Access Control Lists
  + D. Usage of the Internet gateway

1. Question

Which of the below cannot be used to get data onto Amazon Glacier.

* + A. AWS Glacier API
  + B. AWS Console
  + C. AWS Glacier SDK
  + D. AWS S3 Lifecycle policies

1. Question

Which of the following are features of an edge location. Choose 3 answers from the options given below

* + A. Distribute content to users
  + B. Cache common responses
  + C. Distribute load across multiple resources
  + D. Used in conjunction with the Cloudfront service

1. Question

Which of the following storage options provides the option of Lifecycle policies that can be used to move objects to archive storage.

* + A. Amazon S3
  + B. Amazon Glacier
  + C. Amazon Storage Gateway
  + D. Amazon EBS

1. Question

Which of the following from AWS can be used to transfer petabytes of data from on-premise locations to the AWS Cloud.

* + A. AWS Import/Export
  + B. AWS EC2
  + C. AWS Snowball
  + D. AWS Transfer

1. Question

Your company wants to move an existing Oracle database to the AWS Cloud. Which of the following services can help facilitate this move.

* + A. AWS Database Migration Service
  + B. AWS VM Migration Service
  + C. AWS Inspector
  + D. AWS Trusted Advisor

1. Question

Which of the following features of AWS RDS allows for offloading reads of the database.

* + A. Cross region replication
  + B. Creating Read Replica’s
  + C. Using snapshots
  + D. Using Multi-AZ feature

1. Question

Which of the following terms refers to another geographic location in AWS?

* + A. Availability Zone
  + B. Data center
  + C. Region
  + D. Edge location

1. Question

A company wants to have a database hosted on AWS. As much as possible they want to have control over the database itself. Which of the following would be an ideal option for this.

* + A. Using the AWS DynamoDB service
  + B. Using the AWS RDS service
  + C. Hosting on the database on an EC2 Instance
  + D. Using the Amazon Aurora service

1. Question

Which of the following services relates the concept of “Distributing traffic to multiple EC2 Instances”

* + A. AutoScaling
  + B. Elastic Load Balancer
  + C. VPC
  + D. Subnets

1. Question

Which of the following services relates the concept of “Scaling up resources based on demand”

* + A. AutoScaling
  + B. Elastic Load Balancer
  + C. VPC
  + D. Subnet

1. Question

Which of the following would you use to manage your encryption keys in the AWS Cloud? (Choose two)

* + A. AWS KMS
  + B. AWS QMS
  + C. Cloud ESM
  + D. Cloud HSM

1. Question

You have a set of developers that need to use .Net to call AWS Services. Which of the following tools can be used to achieve this purpose.

* + A. AWS SDK
  + B. AWS Console
  + C. AWS CLI
  + D. AWS IAM

1. Question

You have an EC2 Instance in development that interacts with the Simple Storage Service. The EC2 Instance is going to be promoted to the production environment. Which of the following features should be used for secure communication between the EC2 Instance and the Simple Storage Service.

* + A. IAM Users
  + B. IAM Roles
  + C. IAM Groups
  + D. IAM policies

1. Question

Which of the following can be used to view one bill when you have multiple AWS Accounts.

* + A. Consolidating billing
  + B. Combined Billing
  + C. Cost Explorer
  + D. IAM

1. Question

Which of the following services is a serverless compute service in AWS.

* + A. AWS EC2
  + B. AWS Config
  + C. AWS Lambda
  + D. AWS Opswork

1. Question

Which of the following are services where you don’t need to manage the underlying Infrastructure. Choose 2 answers from the options given below.

* + A. DynamoDB
  + B. EC2
  + C. Simple Storage Service
  + D. AWS Autoscaling

1. Question

Which AWS services can be used to store files?  Choose 2 answers from the options given below

* + A. Amazon CloudWatch
  + B. Amazon Simple Storage Service (Amazon S3)
  + C. Amazon Elastic Block Store (Amazon EBS)
  + D. AWS Config
  + E. Amazon Athena

1. Question

Which of the following services uses AWS edge locations?

* + A. Amazon Virtual Private Cloud (Amazon VPC)
  + B. Amazon CloudFront
  + C. Amazon Elastic Compute Cloud (Amazon EC2)
  + D. AWS Storage Gateway

1. Question

Which of the following is a benefit of Amazon Elastic Compute Cloud (Amazon EC2) over physical servers?

* + A. Automated backup
  + B. Paying only for what you use
  + C. The ability to choose hardware vendors
  + D. Root /administrator access

1. Question

A company wants to reduce their overall AWS costs but they don’t know where the high costs come from. What should they do? (Choose two)

* + A. Activate cost allocation tags to categorize and track their costs.
  + B. Use the Budget Explorer to estimate and plan their AWS costs.
  + C. Use CloudWatch to create billing alerts that notify them when their usage of their services exceeds thresholds that they define.
  + D. Use the AWS Price List API.

1. Question

Which database should you use if your application requires joins or complex transactions?

* + A. Amazon DynamoDB
  + B. Amazon DocumentDB
  + C. Amazon RDS
  + D. Amazon ElastiCache

1. Question

Which AWS service provides infrastructure security optimization recommendations?

* + A. AWS Price List Application Programming Interface (API)
  + B. Reserved Instances
  + C. AWS Trusted Advisor
  + D. Amazon Elastic Compute Cloud (Amazon EC2) Spot Fleet

1. Question

Which of the following requires an access key and a security access key to get programmatic access to AWS resources? (Choose two)

* + A. IAM user
  + B. IAM group
  + C. AWS account root user
  + D. IAM role
  + E. TAM

1. Question

Which of the following is the responsibility of AWS according to the Shared Security Model?

* + A. Securing regions and edge locations
  + B. Securing access to AWS resources
  + C. Monitoring AWS resources usage
  + D. Performing auditing tasks

1. Question

Amazon EBS volumes are automatically replicated within the same availability zone. What is the benefit of this?

* + A. Elasticity
  + B. Durability
  + C. Traceability
  + D. Accessibility

1. Question

Where can AWS customers find their historical billing information?

* + A. AWS Billing History
  + B. Billing and Cost Management console
  + C. AWS Simple Monthly calculator
  + D. AWS TCO

1. Question

Which statement is true in relation to AWS pricing? (Choose two)

* + A. With AWS, you don’t have to pay any money upfront.
  + B. For some services, you have to pay a startup fee in order to get the service running.
  + C. There are no reservations on AWS, you only pay for what you use.
  + D. You are responsible for buying a license for any software not developed by AWS.
  + E. You only pay for the individual services that you need with no long term contracts.

1. Question

Which statement is true in relation to security?

* + A. AWS manages everything related to the operating system.
  + B. AWS cannot access users’ data.
  + C. AWS is responsible for the security of your application.
  + D. Server side encryption is the responsibility of AWS.

1. Question

Which of the following procedures can reduce latency to your end users? (Choose two)

* + A. Store media assets in S3 and use CloudFront to distribute these assets
  + B. Store media assets on an additional EBS volume and increase the capacity of your server
  + C. Store media assets in the region closest to your end users
  + D. Replicate media assets to at least two availability zones
  + E. Reduce the size of media assets using the Amazon Elastic Transcoder