

Set 4 :

Which of the following security services can be used to detect users' personal credit card numbers from data stored in Amazon S3? A

- A.Amazon Macie
- B.Amazon GuardDuty
- C.Amazon Inspector
- D.AWS Shield

Users in the Developer Team need to deploy a multi-tier web application. Which service can be used to create a customized portfolio that will help users for quick deployment? C

- A.AWS Config
- B.AWS Code Deploy
- C.AWS Service Catalog
- D.AWS CloudFormation

Which of the following services are used by AWS Service Catalog as a combination to create a portfolio of products? C

- A.AWS IAM & AWS Config
- B.AWS Config & AWS CloudFormation
- C.AWS IAM & AWS CloudFormation
- D.AWS Config & AWS Organizations

A client is planning to move some of his On-Premise application workloads to AWS Cloud. He wants to know the elements of AWS cloud for which he will have a cost associated. Which of these elements will NOT require the client to pay for its use? B

- A.RDS database backups
- B.Inbound Data transfer
- C.EBS Snapshots
- D.Outbound Data Transfer

Which of the following options would entice a company to use AWS over an on-premises data center? Choose 2 answers from the options given below. CD

- A.Having access to Free and Unlimited Storage
- B.Having access to Unlimited Physical servers
- C.Having a highly available infrastructure
- D.Ability to use resources on demand

In serverless services such as AWS Lambda, what are the implications of the Shared Responsibility Model? D

A.Amazon has overall responsibility for the infrastructure, including IAM roles and identities that can invoke functions.

- B.The user is responsible for the security and access to the instances that handle the compute capacity.
- C.Amazon is responsible for any malicious code written in the IDE and can terminate any rogue activity.
- D.The user is responsible for IAM roles and identities that can invoke the AWS Lambda functions.

A large Oil & gas company is planning to deploy a high-volume application on multiple Amazon EC2 instances. Which of the following can help to reduce operational expenses? A

- A.Deploy Amazon EC2 instance with Auto-scaling
- B.Deploy Amazon EC2 instance in multiple AZ's
- C.Deploy Amazon EC2 instance with Amazon instance store-backed AMI
- D.Deploy Amazon EC2 instance with Cluster placement group

Which of the following are best practices when designing cloud-based systems? (Select TWO) BC

- A.Build Tightly-coupled components.
- B.Build loosely-coupled components.
- C.Assume everything will fail.
- D.Use as many services as possible.

Which of the following services can be used to identify an issue with the Amazon CloudWatch service? B

- A.Amazon CloudWatch Events
- B.AWS Personal Health Dashboard
- C.AWS Trusted Advisor
- D.Amazon CloudTrail logs

Which of the following is the amount of storage that can be stored in the Simple Storage Service?

- A.1 TB
  - B.5 TB
  - C.1 PB
  - D.Virtually unlimited storage
- D

You have been hired as an AWS Architect for a company. There is a requirement to host an application using EC2 Instances. The Infrastructure needs to scale on-demand and also be fault-tolerant. Which of the following would you include in the design? (Select TWO)

- A.AWS Auto Scaling
- B.Amazon GuardDuty
- C.Elastic Load Balancing
- D.Amazon CloudWatch

AC

A website for an international sport governing body would like to serve its content to viewers from different parts of the world in their vernacular language. Which of the following services provide location-based web personalization using geolocation headers?

- A.Amazon CloudFront
- B.Amazon EC2 Instance
- C.Amazon Lightsail
- D.Amazon Route 53

A

You have a mission-critical application that must be globally available at all times. If this is the case, which of the below deployment mechanisms would you employ?

- A.Deployment to multiple edge locations
- B.Deployment to multiple Availability Zones
- C.Deployment to multiple Data Centers
- D.Deployment to multiple Regions

D

Which of the following can be used to protect against DDoS attacks? Choose 2 answers from the options given below.

- A.AWS EC2
- B.AWS RDS
- C.AWS Shield
- D.AWS Shield Advanced

CD

Which of the following is a serverless compute offering from AWS?

- A.AWS EC2
- B.AWS Lambda
- C.AWS SNS
- D.AWS SQS

B

EC2 User Data provides a feature wherein I can do bootstrapping activities when the instance is created. Which of the following statement regarding User Data is incorrect?

- A.User data for an instance can be modified, if the instance is in the stopped state and the root volume is an EBS volume.
- B.User data for an instance can be modified if it is in the running state and the root volume is an EBS volume.
- C.No need to use 'sudo' in the User Data script to run as the root user.
- D.User Data script can be modified using both the AWS console & the AWS CLI.

B

A web application co-located in two geographically distinct locations is experiencing degraded service in one of the locations. What is the most appropriate routing policy to implement in Amazon Route 53? C

- A.Geolocation routing policy
- B.Weighted routing policy
- C.Failover routing policy
- D.Latency-based routing policy

What is the concept of an AWS region? c

- A.It is a collection of Edge locations.
- B.It is a collection of Compute capacity.
- C.It is a geographical area divided into Availability Zones.
- D.It is the same as an Availability zone.

In AWS, which security aspects are the customers' responsibility? Choose 4 answers from the options given below.

- A.Security Group and ACL (Access Control List) settings
  - B.Decommissioning storage devices
  - C.Patch management on the EC2 instance's operating system
  - D.Life-cycle management of IAM credentials
  - E.Controlling physical access to compute resources
  - F.Encryption of EBS (Elastic Block Storage) volumes
- acdf

Which of the following can be used to manage identities in AWS? B

- A.AWS Config
- B.AWS IAM
- C.AWS Trusted Advisor
- D.AWS

You are working on an e-commerce web application running on an EC2 instance. But it is experiencing a bad performance in browsing and searching use cases when heavy load use-cases are running simultaneously. The application monitors highlight a bottleneck in the web tier.

You decide to re-engineer the application code by decoupling the web tier components from the order's heavy workloads. What AWS service can support the application change?

- A.AWS Auto Scaling
- B.AWS Elastic Load Balancing
- C.Amazon SQS
- D.Amazon Kinesis Streams

c

An online streaming company is prohibited from broadcasting its content in certain countries and regions in the world. Which Amazon Route 53 routing policy would be the most suitable in guaranteeing their compliance? B

- A.Geoproximity
- B.Geolocation
- C.Multi-value answer
- D.Failover

Which of the following are attributes that determine the cost of On-Demand EC2 Instance? (Select THREE) ABC

- A.Instance Type
- B.Operating System
- C.Region
- D.Edge location

A company wants to utilize AWS storage. For them, low storage cost is paramount. The data is rarely retrieved and a data retrieval time of 13-14 hours is acceptable for them. What is the best storage option to use? B

- A.Amazon S3 Glacier
- B.S3 Glacier Deep Archive
- C.Amazon EBS volumes
- D.AWS CloudFront

What are the characteristics of Amazon S3? BD  
Choose 2 answers from the options given below.

- A.S3 allows you to store objects of virtually unlimited size.
- B.S3 allows you to store virtually unlimited amounts of data.
- C.S3 should be used to host a relational database.
- D.Objects are directly accessible via a URL.

Which AWS service provides a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability? b

- A.AWS RDS
- B.DynamoDB
- C.Oracle RDS
- D.Elastic Map Reduce

In the AWS Billing and Management service, which tool will allow the user to graphically visualize billing and usage over time, particularly monthly running costs? b

- A.AWS Bills
- B.AWS Cost Explorer
- C.AWS Reports
- D.AWS Budgets

A company is deploying a three-tier, highly available web application to AWS. Which service provides durable storage for static content for the web tier? B

- A.Amazon EBS volume
- B.Amazon S3
- C.Amazon EC2 instance store
- D.Amazon RDS instance

In the AWS Billing and Management service, which tool can provide usage-based forecasts of estimated billing costs and usage for the coming months? A

- A.AWS Cost Explorer
- B.AWS Bills
- C.AWS Reports
- D.Cost & Usage Reports

Which of the below AWS services allows you to increase the number of resources based on the demand of the application or users? B

- A.AWS EC2
- B.AWS Autoscaling
- C.AWS ELB
- D.AWS Inspector

Which of the following AWS managed database service provides processing power that is up to 5X faster than a traditional MySQL database? B

- A.MariaDB
- B.Aurora
- C.PostgreSQL
- D.DynamoDB

Which of the following activities is within the scope of AWS Support? (Select TWO) AD

- A.Troubleshooting API issues
- B.Code Development
- C.Debugging custom software
- D.Third-party application configuration on AWS resources
- E.Database query tuning

Which of the following services helps in governance, compliance, and risk auditing in AWS? B

- A.AWS CloudFormation
- B.AWS CloudTrail
- C.AWS CloudWatch
- D.AWS SNS

When using On-Demand instances in AWS, which of the following is a false statement when it comes to the costing for the Instance? C

- A.You pay no upfront costs for the instance.
- B.You are charged per second based on the hourly rate.
- C.You have to pay the termination fees if you terminate the instance.
- D. You pay for as much as you use.

A website that I have designed On Premise has a consistent increase in traffic during certain occasions like Christmas & Thanksgiving. The first year saw a 20% average increase while the second year saw a 40% average increase. It is observed that every year I need to spend on new Servers which lie idle after usage. If I use AWS Cloud resources instead, the advantage that I will get is. (Choose the best answer)

- A.I can go Global in minutes
  - B.I can increase speed & agility of my website
  - C.I do not need to maintain the DNS name
  - D.I can save on costs due to the elastic nature of the cloud
- D

Which of the following is the customer responsibility with respect to AWS shared responsibility model for cloud Sustainability? B

- A.Delivering efficient servers
- B.Optimizing Workload & resource utilization
- C.Sourcing Renewable power
- D.Achieve high server utilization rates

In the AWS Well-Architected Framework, which of the following is NOT a Security design principle to design solutions in AWS? A

- A.Apply Security only at the edge of the network.
- B.Protect Data at rest & in transit.
- C.Implement a strong Identity foundation.
- D.Enable Traceability.

What is the key difference between an availability zone and an edge location? B

- A.An availability zone is a grouping of AWS resources in a specific region. An edge location is a specific resource within the AWS region.
- B.An availability zone is an isolated location within an AWS region, whereas an edge location will deliver cached content to the closest location to reduce latency.

- C.Edge locations are used as control stations for AWS resources.
- D.None of the above

Which of the following security features is associated with a Subnet in a VPC to protect against incoming traffic requests? D

- A.AWS Inspector
- B.Subnet Groups
- C.Security Groups
- D.Network ACL

In AWS billing, what option can be used to ensure costs can be reduced if you have multiple accounts managed by AWS Organizations? B

- A.Combined billing.
- B.Consolidated billing - Volume Discounts.
- C.Costs are automatically reduced for multiple accounts by AWS.
- D.It is not possible to reduce costs with multiple accounts.

You have a Web application hosted in an EC2 Instance that needs to send notifications based on events. Which of the below services can assist in sending notifications? B

- A.AWS SES
- B.AWS SNS
- C.AWS SQS
- D.AWS EC2

Which AWS Well-Architected pillar focuses on using minimum required hardware for resources deployed in AWS Cloud ? C

- A.Reliability Pillar
- B.Performance Efficiency Pillar
- C.Sustainability Pillar
- D.Operational Excellence Pillar

Which of the following services can be used to automate application code deployment to Amazon EC2 instance? B

- A.AWS Elastic Beanstalk
- B.AWS CodeDeploy
- C.AWS Config
- D.AWS CloudFormation



Which of the following are benefits of the AWS's Relational Database Service (RDS)? Choose the 2 correct answers from the options below.

- A. Automated patches and backups
  - B. DB owner can resize the capacity accordingly
  - C. It allows you to store unstructured data
  - D. It allows you to store NoSQL data
- ab

While using IAM within AWS, they recommend a list of best practices to be used while managing Users & their permissions. Which of the IAM practices are best to be chosen? C

- A. An IAM user should be given default access to all services for being able to develop & deliver applications quickly
- B. Users should be provided both Passwords & Access keys within the AWS environment
- C. Within AWS, services should use roles for accessing other services
- D. For cross account access it is best to share the Access Keys when one Account needs to access services of another Account

A company wants to create standard templates for the deployment of their Infrastructure. Which AWS service can be used in this regard? C

- A. Amazon Simple Workflow Service
- B. AWS Elastic Beanstalk
- C. AWS CloudFormation
- D. AWS OpsWorks

You have a distributed application that periodically processes large volumes of data across multiple Amazon EC2 Instances. The application is designed to recover gracefully from Amazon EC2 instance failures. You are required to accomplish this task most cost-effectively.

Which of the following will meet your requirements? A

- A. Spot Instances
- B. Reserved instances
- C. Dedicated instances
- D. On-Demand instances

You want to create a stream processing solution to process and query real-time streaming data using a SQL-based solution. You are looking for the simplest approach available that AWS provides.

What AWS service should you use? B

- A. Amazon Kinesis Data Streams
- B. Amazon Kinesis Data Analytics
- C. Amazon Kinesis Client Library
- D. Amazon Kinesis Data Firehose

What of the following AWS services allows developers to deploy and manage web applications on the cloud easily? B

- A.Amazon Route 53
- B.AWS Elastic Beanstalk
- C.Amazon CloudFront
- D.Elastic Container Service

A company is deploying a new two-tier web application in AWS. The company wants to store their most frequently used data to improve the response time for the application. Which AWS service provides the caching solution for the company's requirements? C

- A.MySQL Installed on two Amazon EC2 Instances in a single Availability Zone
- B.Amazon RDS for MySQL with Multi-AZ
- C.Amazon ElastiCache
- D.Amazon DynamoDB

If you want to take a backup of an EBS Volume, what would you do? C

- A.Store the EBS volume in S3.
- B.Store the EBS volume in an RDS database.
- C.Create an EBS snapshot.
- D.Store the EBS volume in DynamoDB.

Which of the following components of the AWS Batch can be used to define the memory requirement of the resources ? D

- A.Jobs
- B.Compute Environment
- C.Job Queue
- D.Job Definitions

Which of the following options of AWS RDS allows for AWS to failover to a secondary database in case the primary one fails? A

- A.Amazon RDS Multi-AZ deployments
- B.AWS Failover
- C.AWS Secondary
- D.AWS Standby

For which of the following AWS resources, the Customer is responsible for the infrastructure-related security configurations? C

- A. Amazon RDS
- B.Amazon DynamoDB
- C.Amazon EC2
- D.AWS Fargate

Which of the following statements regarding Amazon Athena are accurate? (Select TWO)

- A.Amazon Athena queries data directly from Amazon S3.
  - B.Amazon Athena is not suitable for complex analysis such as large joins, window functions and arrays.
  - C.Amazon Athena resources are allocated in accordance to processing and memory requirements prior to deployment.
  - D.Amazon Athena is compatible with data formats such as CSV, JSON, ORC, AVRO and Parquet
  - E.Amazon Athena uses a variety of query languages including SQL, LDAP, JPQL as well as CQL.
- ad

An administrator is running a large deployment of AWS resources that are spread across several AWS Regions. They would like to keep track of configuration changes on all the resources and maintain a configuration inventory. What is the best service they can use? D

- A.AWS CloudFormation
- B.Stacks and Templates
- C.AWS Backup
- D.AWS Config

Whilst working on a collaborative project, an administrator would like to record the initial configuration and several authorized changes that engineers make to the route table of a VPC. What is the best method to achieve this? A

- A.Use of AWS Config
- B.Use of VPC Flow Logs
- C.Use of AWS CloudTrail
- D.Use of an AWS Lambda function that is triggered to save a log file to an S3 bucket each time configuration changes are made.

A company does not want to manage their database. Which of the following services is a fully managed NoSQL database provided by AWS? B

- A.AWS RDS
- B.DynamoDB
- C.Oracle RDS
- D.Elastic Map Reduce

Which of the following tools can be used to create an estimated cost for a new solution to be deployed on AWS Cloud infrastructure? D

- A.AWS Cost and Usage Report
- B.AWS Budgets
- C.AWS Cost Explorer
- D.AWS Pricing Calculator

A small finance institute is looking for an option of launching an accounting application in AWS cloud.

Which of the following services can be used for quick launch with a pre-configured resource? D

- A.Amazon Workspaces
- B.AWS Elastic Beanstalk
- C.AWS Batch
- D.Amazon LightSail

Which of the following services helps provide a connection from on-premises infrastructure to resources hosted in the AWS Cloud? Choose 2 answers from the options given below.

- A.AWS VPC
- B.AWS VPN
- C.AWS Direct Connect
- D.AWS Subnets

bc

Which of the following is a template that contains the software configuration to launch an ec2 instance?

- A.EBS Volumes
- B.AMI
- C.EC2 Snapshot
- D.EBS Snapshot

b

There is a requirement to host a set of servers in the Cloud for a short period of 3 months. The instances should be highly available and cost-effective. The instances can not be interrupted during processing.

Which of the following types of instances should be chosen? B

- A.Spot Instances
- B.On-Demand
- C.No Upfront costs Reserved
- D.Partial Upfront costs Reserved

Which of the below can be configured to enhance the security at the subnet level? C

- A.Virtual Private Cloud (VPC)
- B.Configure transitive VPC peering
- C.NACL (Network Access Control List)
- D.Security Group

Which of the following is not a disaster recovery deployment technique? C

- A.Pilot light
- B.Warm standby
- C.Single Site
- D.Multi-Site

