**AWS Cloud Practitioner Practice Exam Questions**

1. You have infrequently accessed data in S3 buckets that you want to transfer to Glacier. What can you use in AWS to do this?
2. Bucket Policy
3. S3 Lifecycle Policy
4. Cross Origin Resource Sharing (CORS)
5. Database Migration Service

Answer:- B

1. Your company utilizes DNS and wants to migrate DNS and management of DNS to the cloud. Which AWS service would you use?
2. Application Load Balancers
3. Route 53
4. CloudFormation
5. CloudFront

Answer:- B

1. You have two software systems that need to communicate, and you also need to ensure that messages are not lost between them. Which AWS service can help meet these requirements?
2. CloudWatch
3. SQS
4. SES
5. SNS

Answer:- B

1. You have been tasked with going into the AWS company account and getting information on saving money, improving system performance and reliability, and closing security gaps. Which tool can you use to get this information?
2. CloudWatch
3. AWS Cost and Usage Report
4. AWS Inspector
5. AWS Trusted Advisor

Answer:- D

1. Which statement is true regarding the AWS Global Infrastructure?
2. Edge Locations contain Regions
3. Each AWS Region consists of multiple, isolated, and physically separate AZ's within a geographic area.
4. Availability Zones contain Edge Locations
5. Each AWS Availability Zone contains multiple regions.

Answer:- B

1. In Identity and Access Management, which term applies to a person or application that uses the AWS account root user, an IAM user, or an IAM role to sign in and make requests to AWS?
2. Resource
3. Principal
4. Identity
5. Entity

Answer:- B

1. A company needs to use a Load Balancer which can serve traffic at the TCP, and UDP layers. Additionally, it needs to handle millions of requests per second at very low latencies. Which Load Balancer should they use?
2. Network Load Balancer
3. Classic Load Balancer
4. Application Load Balancer
5. TCP Load Balancer

Answer:- A

1. You need to visualize, understand, identify trends for future charges, and manage your AWS costs and usage over time. Which AWS tool would you use?
2. AWS Cost and Usage Report
3. Trusted Advisor
4. AWS Cost Explorer
5. Amazon CloudWatch

Answer:- C

1. After experiencing unusual behavior in your AWS account, you need to determine if there are any issues with AWS that may be affecting your account. What section of the AWS portal helps you to inspect account alerts and find remediation guidance for your account?
2. AWS Personal Health Dashboard
3. AWS SNS
4. AWS CloudWatch
5. AWS Service Health Dashboard

Answer:- A

1. A software development team has requested IAM access to be able to work with AWS from the CLI. What will you provide these developers?
2. Access Keys
3. Root user credentials
4. Security Token
5. Username and password

Answer:- A

1. What AWS service lets you provision a logically isolated section of the AWS Cloud?
2. Elastic Network Interface
3. Amazon Route 53
4. Amazon RDS
5. Amazon Virtual Private Cloud

Answer:- D

1. Configuring user permissions so that users can access only the resources they need to do their job follows what principle?
2. Principle of Minimum Permissions
3. Principle of Least Privilege
4. Principle of Organizations
5. IAM Principle

Answer:- B

1. A financial company needs to migrate large amounts of data, at a petabyte-scale, to AWS. Which AWS service can perform this type of migration?
2. AWS Snowball
3. API Gateway
4. Database Migration Service
5. AWS Data Pipeline

Answer:- A

1. A colleague tells you about a service that uses machine learning to discover and protect sensitive data stored in S3 Buckets. Which AWS service does this?
2. Cognito
3. Inspector
4. Macie
5. Rekognition

Answer:- C

1. A small startup is configuring its AWS cloud environment. Which AWS service will allow grouping these users together and applying permissions to them as a group?
2. Resource Groups
3. AWS IAM
4. Tagging
5. AWS Organizations

Answer:- B

1. A company is configuring IAM for its new AWS account. There are 5 departments with between 5 to 10 users in each department. How can they efficiently apply access permissions for each of these departments and simplify management of these users?
2. Create an IAM group for each department. Add the department's members to the group.
3. Create an IAM role defining the permissions needed. Create an IAM group and attach the policy to the group. Add the department's members to the group.
4. Create policies for each department that define the permissions needed. Create an IAM group for each department and attach the policy to each group. Add each department's members to their respective IAM group.
5. Create a policies defining the permissions needed. Attach the policies to all users in each department.

Answer:- C

1. You are trying out AWS on a trial basis and need to deploy an application without having to configure servers. Which AWS service can you use?
2. Auto Scaling
3. Elastic Beanstalk
4. CloudFormation
5. ECS

Answer:- B

1. The CTO of a software company had requested an Executive Summary detailing the advantages of a potential move to the AWS Cloud. What can you say is an advantage of an RDS database over a traditional database?
2. AWS maintains the underlying OS and performs software patching on the database
3. There is much greater access for DBAs.
4. It is much easier to convert to a NoSQL database.
5. It is 5 times faster than traditional databases.

Answer:- A

1. You have a MySQL database that you want to migrate to the cloud, and you need it to be significantly faster there. You are looking for a speed increase up to 5 times the current performance. Which AWS offering could you use?
2. Elasticache
3. DynamoDB
4. Amazon RDS MySQL
5. Amazon Aurora

Answer:- D

1. You need to stream data in real-time for a dashboard application. Which AWS service would you use?
2. AWS CloudTrail
3. AWS Kinesis
4. AWS CloudWatch
5. Amazon RedShift

Answer:- B

1. Your company hosts gaming applications online and would like to deliver these apps to a worldwide audience. Which AWS Service would enable delivery to users worldwide and greatly improve response times?
2. .DynamoDB
3. CloudFormation
4. CloudFront
5. Elasticache

Answer:- C

1. Your team needs to begin monitoring the applications running in your AWS account. Which AWS service can you use?
2. Amazon Cloudtrail
3. AWS Config
4. Amazon CloudWatch
5. AWS App Monitoring

Answer:- C

1. Which AWS service would enable you to view the spending distribution in one of your AWS accounts?
2. AWS Organizations
3. Billing Advisor
4. AWS Cost Explorer
5. AWS Spending Explorer

Answer:- C

1. You are managing the company's AWS account. The current support plan is Basic, but you would like to begin using Infrastructure Event Management. What support plan (that already includes Infrastructure Event Management without an additional fee) should you upgrade to?
2. Upgrade to Developer plan.
3. Upgrade to the Business plan. No other steps are necessary.
4. Upgrade to Enterprise plan.
5. Do nothing. It is included in the Basic plan.

Answer:- C

1. Which AWS service can provide a Desktop as a Service (DaaS) solution?
2. AWS Systems Manager
3. Amazon WorkSpaces
4. Elastic Beanstalk
5. EC2

Answer:- B

1. Which AWS service can help you optimize your AWS environment by giving recommendations to reduce cost, increase performance, and improve security?
2. AWS Trusted Advisor
3. AWS Inspector
4. AWS Optimizations
5. AWS CloudWatch

Answer:- A

1. A new application needs temporary access to resources in AWS. How can this best be achieved?
2. Create an IAM Policy and attach it to the application.
3. Store access key in an S3 Bucket and give the application access to the bucket.
4. Add the application to a group that has the appropriate permissions.
5. Create an IAM Role and have the application assume the role.

Answer:- D

1. A software company is looking for a tool to automate their deployments from end to end. Which AWS service can provide this continuous delivery functionality?
2. CodeBuild
3. CodeCommit
4. CodeDeploy
5. CodePipeline

Answer:- D

1. You would like to set up a loosely coupled architecture. Which service would allow you to send and receive messages, but most importantly, store messages if they are not consumed immediately?
2. AWS SES
3. AWS CloudSearch
4. AWS SQS
5. AWS S3

Answer:- C

1. Which statement below is one of the 6 advantages of cloud computing?
2. Benefit from minor economies of scale.
3. Trade variable expense for capital expense.
4. Benefit from increased speed and agility.
5. Easily guess capacity.

Answer:- C

1. In AWS Global Infrastructure, which component has one or more discrete data centers with redundant power, networking, and connectivity?
2. Route 53
3. VPC
4. Availability Zone
5. Placement Group

Answer:- C

1. Which AWS service allows the deployment of resources in code templates, otherwise known as infrastructure as code?
2. Elastic Beanstalk
3. OpsWorks
4. CloudFormation
5. Systems Manager

Answer:- C

1. A large company is using multiple AWS accounts and would like to benefit from available volume discounts in AWS. Which AWS feature will enable the company to get volume discounts?
2. Use AWS Organizations and its consolidated billing feature to consolidate billing and payment for multiple AWS accounts.
3. Contact AWS to request volume discounts.
4. Upgrade to an Enterprise Support Plan.
5. Use free tier as much as possible.

Answer:- A

1. What is the most cost effective AWS Support Plan if you want the full set of Trusted Advisor checks?
2. Basic
3. Enterprise
4. Business
5. Developer

Answer:- C

1. You have recently started using AWS and now need to launch a large number of instances in your VPC. You learn that this number exceeds the service limits for instances in a VPC. What can you do?
2. Use Auto Scaling and the service limit can be exceeded.
3. Contact AWS and request a service limit increase.
4. Upgrade your support plan to increase this service limit.
5. There is nothing that can be done. Redesign based on a smaller number of instances.

Answer:- B

1. A fantasy sports company needs to run an application for the length of a football season (5 months). They will run the application on an EC2 instance and there can be no interruption. Which purchasing option best suits this use case?
2. Spot
3. On-Demand
4. Reserved
5. Dedicated

Answer:- B

1. As an AWS account administrator, you are in charge of creating AWS accounts and securing those accounts. What steps can you take?

(Choose 2)

1. Store the root account credentials in sharepoint.
2. Create multi-factor authentication for the root account.
3. Grant admin access to all users.
4. Add IP restrictions for all accounts
5. Create functional groups for each department and use a common password for each group.

Answer:- B, D

1. Developers in your company need to interact with AWS from the Command Line Interface. Which security item will you need to provide to the developers?
2. Login ID
3. Root password
4. Security Token
5. Access Key

Answer:- D

1. A new application rolled out by the development team is going to require load balancing of HTTP and HTTPS traffic. Which Load Balancer is best suited for this type of traffic?
2. Network Load Balancer
3. Application Load Balancer
4. Classic Load Balancer
5. HTTP Load Balancer

Answer:- B

1. You are concerned about access to your top-secret application by stolen passwords. What additional layer of security can you add for logging in to AWS Management Console, in addition to user passwords?
2. AWS Transcribe
3. AWS Voice Recognition
4. Secret Access Keys
5. Multi-Factor Authentication

Answer:- D

1. During Disaster Recovery exercises, you need to re-route traffic from EC2 instances to instances in another region. With which service can you do this?
2. CloudFront
3. Route 53
4. VPC Peering
5. AWS Auto Scaling

Answer:- B

1. A company wants to deploy applications entirely on a serverless platform. Which AWS service can they use to build their applications without worrying about managing servers?
2. Elasticache
3. AWS Lambda
4. CloudFormation
5. EC2

Answer:- B

1. A retail company has EC2 On-Demand instances running to serve customer transactions. There is a set pattern of traffic where demand is high at two points in the day, but the instances sit idle for much of the day. What is a good way to optimize these resources?
2. Use an Elastic Load Balancer to scale out and in based on demand.
3. Use reserved instances instead of on-demand instances.
4. Write a script to stop instances when demand is low.
5. Use an Auto Scaling Group to scale out and in based on demand.

Answer:- D

1. Which of the following is an AWS Global Service?
2. Amazon RDS
3. IAM
4. VPC
5. EC2

Answer:- B

1. Which policy will provide information on performing penetration testing on your EC2 instances?
2. IAM Policy
3. JSON Policy
4. AWS Customer Agreement
5. Customer Service Policy for Penetration Testing

Answer:- D

1. A new web application is getting much more traffic than expected. You decide to add another EC2 instance to share the load. Which AWS principle does this represent?
2. Elasticity
3. Vertical Scaling
4. Horizontal Scaling
5. Durability

Answer:- C

1. You are reviewing the AWS Shared Responsibility model to present an overview to management on what your company is responsible for in AWS. Which option is a customer responsibility?
2. Edge Locations
3. Customer Data
4. Networking
5. Availability Zones

Answer:- B

1. A company is contemplating a move to the AWS Cloud. What benefits can be gained from such a move?
2. There is no need to patch guest operating systems.
3. All encryption is handled by AWS.
4. The worry of long term cost is eliminated.
5. The company can focus on its business rather than managing a data center.

Answer:- D

1. Which term refers to the Identity and Access Management (IAM) resource objects that AWS uses for authentication?
2. Entities
3. Resources
4. Principal
5. Identities

Answer:- A

1. Several EC2 instances in what will be a public subnet need internet access. Which will you configure as one of the steps in granting internet access?
2. NAT Gateway
3. API Gateway
4. VPC Peering
5. Internet Gateway

Answer:- D

1. You are working with IAM and need to attach policies to users, groups, and roles. Which will you be attaching these policies to?
2. Principals
3. Entities
4. Identities
5. Resources

Answer:- C

1. Users need to access AWS resources from the command-line interface. Which IAM option can be used for authentication?
2. IAM Role
3. Access Keys
4. IAM Group
5. IAM Policy

Answer:- B

1. A small company wants to deploy a new system in the AWS cloud but does not have anyone with the required AWS skill set to perform the deployment. Which AWS service can help with this?
2. AWS CloudFormation
3. AWS Partner Network (APN) Consulting Partners
4. Trusted Advisor
5. AWS Partner Network (APN) Technology Partners

Answer:- B

1. A small software company is starting to work with the AWS Cloud. Which service will allow them to find, test, buy, and deploy software that runs on AWS?
2. CloudSearch
3. Elastic Beanstalk
4. AWS Marketplace
5. Service Catalog

Answer:- C

1. Which AWS service provides central governance and management across multiple AWS accounts?
2. AWS Systems Manager
3. Identity and Access Management
4. CloudFormation
5. AWS Organizations

Answer:- D

1. A company has a large number of S3 buckets and needs to manage and automate tasks on these buckets at one time. Which AWS feature can do this?
2. Resource Groups
3. IAM Groups
4. IAM
5. Tagging

Answer:- A

1. Upon venturing into using the AWS Cloud, your company decides to follow the 5 pillars of the AWS Well Architected Framework. Which items are pillars of the Well Architected Framework?

(Choose 2)

1. Scalability
2. Operational Excellence
3. Ease of Use
4. Reliability
5. Elasticity

Answer:- B, D

1. A company has signed a 3-year contract with a School District to develop a Teacher Absence Management application. Which type of EC2 instance would be best for application development on this project?
2. On-Demand Instances
3. Spot Instances
4. Scheduled Reserved Instances
5. Standard Reserved Instances

Answer:- D

1. Your company is migrating its services to the AWS cloud. The DevOps team has heard about infrastructure as code, and wants to investigate this concept. Which AWS service would they investigate?
2. CodeCommit
3. AWS CloudFormation
4. AWS Lambda
5. Elastic Beanstalk

Answer:- B

1. You need to purchase reserved instances for a 3-year project. But a company initiative may change all the company compute operating systems from Windows to Linux midway through this project. What type of reserved instance should you purchase?
2. Automatic
3. Convertible
4. Standard
5. Zonal

Answer:- B

1. You need to set up a virtual firewall for your EC2 instance. Which would you use?
2. Subnet
3. Network ACL
4. IAM Policy
5. Security Group

Answer:- D

1. Which is a core design principle for deploying resources in AWS?
2. Estimate your S3 storage needs up front.
3. Use a tight coupling of your resources and applications.
4. Plan ahead for hardware capacity.
5. Deploy in Multiple Availability Zones.

Answer:- D

1. You have been tasked to create an S3 bucket for storing templates. A team member has forwarded you the templates, which are used for creating multiple different AWS resources such as S3 buckets, EC2 instances, and VPCs. Which service uses these templates to create AWS resources?
2. CloudFormation
3. OpsWorks
4. Elastic Beanstalk
5. EC2

Answer:- A

1. A company is migrating to the AWS Cloud. They need to set up DNS in the cloud. Which service is a highly available and scalable cloud DNS service in AWS?
2. Amazon VPC
3. CloudFront
4. Amazon Macie
5. Route 53

Answer:- D

1. A company has multiple AWS accounts across multiple regions. Which AWS service can be used to manage these accounts and provide consolidated billing?
2. AWS Organizations
3. Trusted Advisor
4. CloudFormation
5. Identity and Access Management

Answer:- A