

## **CHAPTER-1**

### **Questions**

Here are a few questions to test your knowledge:

1. Which of the following six advantages enables small start-up companies to immediately start consuming IT services from public cloud vendors such as AWS?
  - A. Trade capital expense for variable expense
  - B. Go global in minutes
  - C. Stop guessing capacity
  - D. Increase speed and agility
2. Which feature of cloud computing enables customers to deploy their resources in a matter of minutes using a self-service model?
  - A. Access to cloud provider APIs
  - B. Access to cloud provider engineers to rack and stack servers
  - C. Scalability features
  - D. Multiple server options
3. What is a hypervisor?
  - A. Software that enables you to create and managed virtualized resources running on physical hardware, such as VMs
  - B. Software used to monitor the health of your Windows servers
  - C. Software used to create HA websites
  - D. Hardware that enables you to increase the performance of your physical servers

4. Which of the following are the primary benefits of server virtualization?  
(Select two answers.)
- A. Efficient use of physical hardware resources
  - B. Ability to provision virtual servers in a matter of minutes
  - C. Enhanced encryption services
  - D. Ability to meet compliance requirements
5. Which of the following is a prime example of IaaS?
- A. A service that gives you access to configure underlying virtual compute, storage, and network resources to host your application
  - B. A service that abstracts the underlying infrastructure, allowing you to focus on your application code deployment process
  - C. A service that hosts and delivers a complete application via a public network, with no access to any underlying infrastructure
  - D. A service that allows you to consume hardware resources for a short lease period and pay on a metered basis
6. Which of the following is a prime example of PaaS?
- A. A platform that hosts and delivers a complete application via a public network, with no access to any underlying infrastructure
  - B. A service that gives you access to configure underlying virtual compute, storage, and network resources to host your application
  - C. A service that abstracts the underlying infrastructure, allowing you to focus on your application code deployment process
  - D. A service that allows you to build infrastructure using code for repeat deployments in different environments

7. Which of the following is a prime example of SaaS?
  - A. A service that gives you access to configure underlying virtual compute, storage, and network resources to host your application
  - B. A service that abstracts the underlying infrastructure, allowing you to focus on your application code deployment process
  - C. A service that hosts and delivers a complete application via a public network, with no access to any underlying infrastructure
  - D. A service that allows developers to adopt DevOps strategies for their software development life cycle
8. Which cloud deployment model enables you to connect your on-premises workloads with resources you have deployed with a public cloud provider such as AWS?
  - A. Private cloud
  - B. Public cloud
  - C. Hybrid cloud
  - D. Hyper cloud

## **CHAPTER-2**

### **Questions**

Here are a few questions to test your knowledge:

1. Which of the following AWS support plans gives you access to all AWS Trusted Advisor reports? (Select two answers)
  - A. Basic support plan
  - B. Developer support plan
  - C. Business support plan
  - D. Enterprise support plan
  - E. Global support plan

2. You have spent months developing a new application for your customers. You are now ready to go live and want to ensure that you have access to AWS technical support engineers if there are any issues with your application servers or backend database. Your organization is comfortable with 1-hour response times for production-system down issues. Which support plan is the most cost-effective option for you?
  - A. Basic support plan
  - B. Developer support plan
  - C. Business support plan
  - D. Enterprise support plan
3. Which AWS support plan gives you access to a technical account manager who will monitor your environment and provide guidance to optimize your workloads on the AWS platform?
  - A. Basic support plan
  - B. Developer support plan
  - C. Business support plan
  - D. Enterprise support plan
4. You are planning to build a test and development environment on AWS as a precursor to ultimately migrating your workloads to the platform. In the interim period, your developers require some basic technical support as they are new to cloud computing. Which AWS support plan offers cost-effective access to Cloud Support associates during business hours?
  - A. Basic support plan
  - B. Developer support plan
  - C. Business support plan
  - D. Enterprise support plan

5. Which of the following services is provided across all AWS support plans and allows support access 24/7 via telephone, chat, and email?
  - A. Access to technical support via telephone and chat
  - B. Access to customer support services to resolve any billing or account login issues
  - C. Access to a technical account manager to help you manage your account
  - D. Access to a full range of reports from the AWS Trusted Advisor
6. Which feature of the AWS Global Infrastructure enables you to launch applications and store data in a manner that is compliant with regulatory requirements?
  - A. Regions
  - B. AZs
  - C. Edge location
  - D. CloudFront
7. Which component of the AWS Global Infrastructure enables you to distribute your content to users across the globe such that cached versions of your digital assets are available locally to those users?
  - A. Regions
  - B. AZs
  - C. Edge locations
  - D. AWS RDS
8. Which component of the AWS Global Infrastructure enables you to architect your application solution to offer high-availability capabilities within a specific Region?
  - A. Regions
  - B. AZs
  - C. Edge locations
  - D. Regional edge caches

9. Which of the following services are considered global services on the AWS platform? (Select two answers)
- A. AWS IAM
  - B. Amazon **Virtual Private Cloud (VPC)**
  - C. Amazon Snowball
  - D. AWS EC2
  - E. Amazon CloudFront
10. Which of the following services are designed to be set up, configured, and consumed on premises? (Select two answers)
- A. AWS Outposts
  - B. Amazon Storage Gateway
  - C. Amazon DynamoDB
  - D. AWS **Simple Notification Service (SNS)**
  - E. AWS PHD
11. As part of the signup process, you are required to adhere to policy guidelines that describe prohibited activities. Which policy does this fall under?
- A. Compliance policy
  - B. Password policy
  - C. AuP
  - D. Vulnerability testing guidelines
12. Which AWS service publishes up-to-the-minute information regarding any outages or issues with any service across all Regions of the AWS ecosystem?
- A. PHD
  - B. Outage and issues dashboard
  - C. Service Health Dashboard
  - D. Amazon CloudWatch

## **CHAPTER-3**

### **Questions**

Here are a few questions to test your knowledge:

1. Before setting up your billing alarms, which preference setting needs to be enabled first?
  - A. Enable billing alerts
  - B. Enable alarms
  - C. Set up AWS Organizations
  - D. Configure MFA
2. Which AWS service enables you to centrally manage multiple AWS accounts with SCPs to establish permission guardrails using which services can be enabled in those accounts?
  - A. AWS Organizations
  - B. AWS IAM
  - C. AWS VPC
  - D. AWS GuardDuty
3. Which of the following services are offered completely free by AWS? (Select two answers.)
  - A. **AWS Identity and Access Management (IAM)**
  - B. AWS Elastic Beanstalk
  - C. **Amazon Simple Storage Service (Amazon S3)**
  - D. **Amazon Relational Database Service (Amazon RDS)**
  - E. **AWS Simple Notification Service (SNS)**
4. Which feature of AWS Organizations enables you to combine the costs of each member account to take advantage of any volume discounts on offer?
  - A. Consolidated billing
  - B. AWS EC2 savings plan
  - C. AWS Control Tower
  - D. AWS IAM



5. Which of the following is required when creating an AWS Free Tier account?
  - A. A credit card
  - B. A bank statement
  - C. A passport or driving license
  - D. An invitation letter from Amazon
6. Which AWS service enables you to automatically set up a new landing zone in accordance with best practices?
  - A. AWS Landing Zone
  - B. AWS Control Tower
  - C. AWS Organizations
  - D. AWS Free Tier Account
7. Which feature of the AWS Organizations service enables you to combine AWS accounts in a container that has common workloads and then apply a common set of policies to those accounts?
  - A. AWS Control Tower
  - B. AWS Landing Zone
  - C. **Organization Units (OUs)**
  - D. **Service Control Policies (SCPs)**

## **CHAPTER-4**

### **Questions**

Here are a few questions to test your knowledge:

1. You wish to deploy a dev and test environment on AWS. You want to ensure that your developers can access your AWS account using a highly secure authentication process and follow best practices. Which of the following two configuration options will help ensure enhanced security? (Choose two answers)
  - A. Configure your IAM accounts with MFA.
  - B. Configure your IAM password policy with complexity rules.
  - C. Ensure you encrypt your EBS volumes.
  - D. Create RDS databases with Multi-AZ.
  - E. Provide the root account credential details to your developers.
2. Your developer is working from home this weekend and needs to access your AWS account using the CLI to configure your RDS database from their local computer. Which type of IAM credentials would they need to configure the AWS CLI tool on their machine?
  - A. IAM username and password
  - B. Access key IDs and secret access keys

- C. Access keys and secret ID
  - D. HTTPS
3. Which AWS service enables you to troubleshoot your IAM policies and identify the sets of permissions that may be denying access to a given AWS service?
- A. IAM policy simulator
  - B. CloudWatch
  - C. CloudTrail
  - D. IAM policy manager
4. Which of the following AWS services is a better option to securely grant your application running on an EC2 instance access to a backend database running on Amazon RDS?
- A. Access keys
  - B. IAM role
  - C. IAM group
  - D. Security group
5. Which format are IAM policy documents written in?
- A. JSON
  - B. YAML
  - C. XML
  - D. JAVA
6. What best practice strategy should you follow when assigning permissions to IAM users and groups?
- A. Follow the principle of least privilege.
  - B. Follow the principle of most privilege.
  - C. Follow the ITIL principles.
  - D. Follow the GDPR principle.

7. Which IAM service enables you to effectively manage users by creating a collection of them based on their job function and assigning them permissions according to their roles to the entire collective?
  - A. IAM groups
  - B. IAM policies
  - C. IAM collection
  - D. IAM roles
8. Which feature of IAM enables you to use your existing corporate Active Directory user credentials to log in to the AWS Management Console and therefore offer an SSO service?
  - A. Identity federation
  - B. IAM user database
  - C. Active Directory users and computers
  - D. MFA
9. Which AWS service enables you to generate and download a report that lists your IAM users and the state of their various credentials, including passwords, access keys, and MFA devices?
  - A. AWS policies
  - B. AWS Explorer
  - C. Credentials report
  - D. User report
10. Which AWS service is responsible for assigning and managing temporary credentials to entities that assume an IAM role?
  - A. AWS Password Manager
  - B. AWS Security Token Service
  - C. AWS Credentials Manager
  - D. AWS Credentials Report

## **CHAPTER-5**

### **Questions**

Here are a few questions to test your knowledge:

1. Which of the following is true regarding Amazon S3? (Select 2 answers)
  - A. Amazon S3 is object-based storage.
  - B. Amazon S3 is an example of file storage.
  - C. Amazon S3 is an example of block storage.
  - D. The Amazon S3 One Zone-IA storage class offers 99.5% of availability. Amazon S3 can be configured as shared mount volumes for Linux-based EC2 instances.

2. You wish to enforce a policy on an S3 bucket that grants anonymous access to its content if users connect to the data from the corporate and branch offices as part of your security strategy. Which S3 configuration feature will enable you to define the IP ranges from where you will allow access to the data?
  - A. Security groups
  - B. Bucket policy
  - C. NTFS permissions
  - D. **Network ACLs (NACLs)**
3. Which AWS service is the most cost-effective if you need to host static website content for an upcoming product launch?
  - A. Amazon EC2
  - B. Amazon EFS
  - C. Amazon S3
  - D. Azure ExpressRoute
4. Which Amazon S3 storage class enables you to optimize costs by automatically moving data to the most cost-effective access tier, while ensuring that frequently accessed data is made available immediately?
  - A. Amazon S3 Standard
  - B. Amazon S3 One-Zone IA
  - C. Amazon Snowball
  - D. Amazon S3 Intelligent-Tiering
5. Which Amazon S3 service can be configured to automatically migrate data from one storage class to another after a set number of days as a means of reducing your costs, especially where frequent instant access may not be required to that subset of data?
  - A. Static website hosting
  - B. Lifecycle management
  - C. Storage transition
  - D. S3 migration

6. When retrieving data from Amazon Glacier, what is the typical time taken by a Standard retrieval option to make the archive available for download?
  - A. 20 minutes
  - B. 24 hours
  - C. 3 to 5 hours
  - D. 90 seconds
7. Which feature of the Amazon S3 platform enables you to upload content to a centralized bucket from across any location via Amazon edge locations, ensuring faster transfer speeds and avoidance of public internet congestion?
  - A. Amazon S3TA
  - B. AWS S3 Storage Gateway
  - C. Amazon VPC
  - D. CloudFront
8. Your on-premises applications require access to a centrally managed cloud storage service. The application running on your servers need to be able to store and retrieve files as durable objects on Amazon S3 over standard NFS-based access with local caching. Which AWS service can help you deliver a solution to meet the aforementioned requirements?
  - A. AWS Storage Gateway— Amazon S3File Gateway
  - B. AWS EFS
  - C. Amazon Redshift
  - D. EBS volumes
9. You are looking to migrate your on-premises data to the cloud. As part of a one-time data migration effort, you need to transfer over 900 TB of data to Amazon S3 in a couple of weeks. Which is the most cost-effective strategy to transfer this amount of data to the cloud?
  - A. Use the Amazon RDS service
  - B. Use the Amazon Snowball service
  - C. Use the Amazon VPN connection between your on-premises network and AWS
  - D. Use AWS Rain

## **CHAPTER-6**

### **Questions**

1. Which VPC component enables to you grant internet access to servers in the public subnet deployed in the VPC?
  - A. NAT gateway
  - B. Internet gateway
  - C. VPC peering
  - D. Security group
2. Which of the following statements are true?
  - A. NACLs protect entire subnets, whereas security groups protect the individual instance.
  - B. NACLs protect the individual instance, whereas security groups protect the entire subnet.
  - C. NACLs enable instances in the private subnet to access the internet and act as a NAT device, whereas security groups are used to assign IAM policies to servers that need access to S3 buckets.
  - D. NACLs enable instances in the private subnet to access the internet and act as a NAT device, whereas security groups are used to assign IAM policies to servers that need access to S3 buckets.
3. Which AWS service enables you to purchase and register new domain names that can be used to publish your website on the internet?
  - A. Route53
  - B. VPC
  - C. RDS
  - D. Elastic Beanstalk



4. Which AWS service enables you to distribute your digital assets such that it is cached locally to users who attempt to access this content for a time to live, and thus helps to reduce network latency?
  - A. AWS CloudFront
  - B. AWS CloudTrail
  - C. AWS CloudWatch
  - D. AWS CloudScape
5. Your organization hosts multiple AWS accounts with multiple VPCs. You would like to connect these VPCs together and centrally manage connectivity policies. Which AWS service enables you to connect multiple VPCs configured as a hub that controls how traffic is routed among all the connected networks, which act like spokes?
  - A. AWS Transit Gateway
  - B. AWS Global Accelerator
  - C. AWS VPC Peering
  - D. AWS Virtual Private Gateway
6. Which AWS service enables you to grant internet access to EC2 instances configured with IPv4, and located in the private subnet of your VPC?
  - A. Egress-only internet gateway
  - B. NAT gateway
  - C. VPC endpoint
  - D. VPN tunnel
7. Your company has a primary production website in the US and a DR site in Sydney. You need to configure DNS such that if your primary site becomes unavailable, you can fail DNS over to the secondary site. Which DNS routing policy can you configure to achieve this?
  - A. Weighted Routing
  - B. Geolocation Routing
  - C. Latency Routing
  - D. Failover Routing

8. You plan to set up DNS failover using Amazon Route53. Which feature of Route53 can you use to test your web application's availability and reachability?
  - A. Private DNS
  - B. CloudWatch
  - C. Health checks
  - D. DNS ping
9. Which VPC firewall solution enables you to deny inbound traffic from a specific IP address, which can be used to prevent malicious attacks?
  - A. AWS Firewall
  - B. AWS Security Groups
  - C. **AWS Network Access Control Lists (NACLs)**
  - D. AWS CloudFront
10. Which AWS service enables you to connect your private data center to your Amazon VPC with up to 100 Gbps network connectivity?
  - A. Snowball
  - B. Direct Connect
  - C. **Virtual Private Network (VPN)**
  - D. **Virtual Satellite Network (VSN)**

## **CHAPTER-7**

### **Questions**

1. Which AWS EC2 pricing option can help you reduce costs by allowing you to use your existing server-bound software licenses?
  - A. On-Demand
  - B. Reserved
  - C. Spot
  - D. Dedicated Hosts

2. Which AWS EC2 pricing option enables you to take advantage of unused EC2 capacity in the AWS cloud and can offer up to a 90% discount compared to On-Demand prices?
  - A. Spot Instances
  - B. Reserved Instances
  - C. On-Demand Instance
  - D. Dedicated Hosts
3. Which of the following is true with regards to the benefits of purchasing a Convertible EC2 Reserved Instance? (Choose 2 answers)
  - A. You can exchange a Convertible Reserved Instance for a Convertible Reserved Instance in a different Region.
  - B. You can exchange one or more Convertible Reserved Instances at a time for both Convertible and Standard Reserved Instances.
  - C. To benefit from better pricing, you can exchange a No Upfront Convertible Reserved Instance for an All Upfront or Partial Upfront Convertible Reserved Instance.
  - D. You can exchange All Upfront and Partial Upfront Convertible Reserved Instances for No Upfront Convertible Reserved Instances.
  - E. You can exchange one or more Convertible Reserved Instances for another Convertible Reserved Instance with a different configuration, including instance family, operating system, and tenancy.
4. Which feature of the AWS EC2 service helps prevent accidentally terminating an EC2 instance by preventing the user from issuing a termination command either from the console or CLI?
  - A. Enable "termination protection"
  - B. Enable "termination protect"
  - C. Enable "prevent termination"
  - D. Enable "protect EC2"

5. Which storage solution enables you to share a common filesystem across multiple Linux-based EC2 instances that can be used to support applications that require access to data with very low latency connectivity?
  - A. EFS
  - B. EBS
  - C. S3
  - D. NTFS
6. Which type of IP address offering from AWS gives you a static, publicly routable address that will not change, even if you stop and restart an EC2 instance that it is associated with?
  - A. Public IP address
  - B. Private IP address
  - C. Elastic IP address
  - D. Regional IP address
7. Which AWS service enables you to configure multiple Windows-based EC2 instances to share and access a common storage solution that is based on using the industry-standard SMB protocol and eliminate the administrative overhead of managing Windows file servers?
  - A. Amazon FSx for Windows File Server
  - B. Amazon Elastic File System
  - C. Amazon Elastic Block Store
  - D. Amazon DFS Volumes for Windows File Server
8. Which of the following types of EBS volumes can be used as boot volumes for your EC2 instances? (Select 2 answers)
  - A. General Purpose SSD (gp2)
  - B. Provisioned IOPS SSD (io1)
  - C. Throughput Optimized HDD (st1)
  - D. Cold HDD (sc1)
  - E. FSx for Windows

9. Which of the following AWS services enables you to quickly launch a web server with a pre-configured WordPress installation pack, offers predictable monthly pricing, comes with integrated certificate management, and provides free SSL/TLS certificates?
- A. AWS Lightsail
  - B. AWS EC2
  - C. AWS RDS
  - D. AWS Elastic Beanstalk
10. Which AWS service can be used to run a piece of code that can create thumbnails of images uploaded to one Amazon S3 bucket and copy them to another S3 bucket?
- A. AWS SNS
  - B. AWS Lambda
  - C. AWS RDS
  - D. AWS Snowball

## **CHAPTER-8**

### **Questions**

1. A company plans to migrate its on-premises MySQL database to Amazon RDS. Which AWS service should they use for this task?
  - A. Amazon Snowball
  - B. AWS Database Migration Service (AWS DMS)
  - C. AWS VM Import/Export
  - D. AWS Server Migration Service

2. Which of the following is the primary benefit of using an Amazon RDS database instead of installing a MySQL-compatible database on your EC2 instance?
  - A. Managing the database, including patching and backups, is taken care of by Amazon.
  - B. Managing the database, including patching and backups, is taken care of by the customer.
  - C. You have full access to the operating system layer that the RDS database runs on.
  - D. You can choose which drive and partition to install the RDS database on.
3. AWS RDS supports six database engines. From the following list, choose *three* engines supported by Amazon RDS.
  - A. Microsoft SQL
  - B. Oracle
  - C. MySQL
  - D. FoxPro
  - E. Db2
4. You are building an application for a wealth asset management company that will be used to store portfolio data and transactions of stocks, mutual funds, and forex purchased. To that end, you need a backend database solution that will ensure a ledger-like functionality because they want to maintain an accurate history of their applications' data, for example, tracking the history of credits and debits for its customers. Which AWS database solution would you recommend for this business requirement?
  - A. Amazon RDS
  - B. Amazon DynamoDB
  - C. Amazon QLDB
  - D. Amazon Redshift



5. Which AWS database solution enables you to build a complete data warehousing solution, capable of handling complex analytic queries against petabytes of structured data using standard SQL and industry-recognized business intelligence tools?
  - A. AWS DynamoDB
  - B. AWS Redshift
  - C. AWS Neptune
  - D. AWS Pluto
6. You are looking to host a production-grade enterprise relational database solution that offers high-end features such as self-healing storage systems that are capable of scaling up to 128 TB per database instance. Which of the following AWS database solutions fulfills the requirement?
  - A. Amazon DynamoDB
  - B. Amazon Aurora
  - C. Amazon Redshift
  - D. Amazon Neptune
7. Which AWS feature of Amazon Redshift enables you to run SQL queries against data stored directly on Amazon S3 buckets?
  - A. Redshift DaX
  - B. Athena
  - C. Redshift Spectrum
  - D. Redshift Cache

8. Which AWS service enables you to migrate an on-premises MySQL database to an Amazon RDS database running the Oracle Engine?
- A. AWS Cross-Region Replication
  - B. AWS SMS
  - C. AWS DMS
  - D. AWS EFS
9. You are running a single RDS DB instance. Which configuration would you recommend so that you can avoid I/O suspension issues when performing backups?
- A. Configure RDS read replicas.
  - B. Configure RDS Multi-AZ.
  - C. Configure RDS Cross Region Backup.
  - D. Configure DynamoDB DaX.

## **CHAPTER-9**

### **Questions**

1. You are planning on developing a website in multiple languages such that you have one fleet of EC2 instances that serves the English version of your site and another fleet that serves the Spanish version of your site. For each language version, you will be configuring URLs with different paths such that the English version of your site will contain `/en/` in the path and the Spanish version will contain `/es/`.

Which type of load balancer would you use to route traffic to ensure users connect to the site in their desired language?

- A. CLB
  - B. NLB
  - C. ALB
  - D. Path-based load balancer
2. You are building a multi-tier architecture with web servers placed in the public subnet and application servers placed in the private subnet of your VPC. You need to deploy ELBs to distribute traffic to both the web server farm and the application server farm. Which type of load balancer would you choose to distribute traffic to your application servers?
- A. Internet-facing
  - B. Internal load balancer
  - C. Dynamic load balancer
  - D. Static load balancer

3. Which ELB is ideal for handling volatile workloads and can scale to millions of requests per second?
  - A. ALB
  - B. NLB
  - C. CLB
  - D. Premium load balancer
4. Which configuration feature of the AWS Auto Scaling service enables you to define a maximum number of EC2 instances that can be launched in your fleet?
  - A. Auto Scaling group
  - B. Auto Scaling Launch Configuration
  - C. Auto Scaling max fleet size
  - D. Auto Scaling policy
5. When an ELB detects an unhealthy EC2 instance, which action does it perform regarding distributing incoming traffic?
  - A. It continues to send traffic to the failed instance.
  - B. It terminates the failed instance so that it is not part of the ELB target group.
  - C. It only sends traffic to the remaining healthy instances.
  - D. It restarts the unhealthy EC2 instance.
6. Which service does an AWS ALB integrate with to protect your applications from common web attacks?
  - A. WAF
  - B. Shield
  - C. Inspector
  - D. **Key Management Service (KMS)**

## **CHAPTER-10**

### **Questions**

Answer the following questions to test your knowledge of this chapter:

1. Which AWS services does Amazon CloudWatch use to send out email alerts to administrators when alarms are triggered and enter the `Alarm` state?
  - A. Amazon SNS
  - B. Amazon SES
  - C. Amazon CloudTrail
  - D. Amazon Email

2. Which feature of Amazon CloudWatch enables you to create a visualization of metrics by resource type and service?
  - A. CloudWatch Events
  - B. CloudWatch Logs
  - C. CloudWatch Alarms
  - D. CloudWatch dashboards
3. Which AWS application integration service can be configured to offer A2P communication using mobile SMS to send out text alerts?
  - A. Amazon SQS
  - B. Amazon SNS
  - C. Amazon Amplify
  - D. Amazon Workspaces
4. You need to configure your Amazon SNS topic to push out messages of newly uploaded videos to an Amazon S3 bucket, across three different SQS queues. Each queue is designed to encode the raw video into a different resolution. Which feature of Amazon SNS enables you to push out such notifications in parallel?
  - A. Amazon SNS standard topic
  - B. Amazon SNS FIFO topic
  - C. Fanout scenario
  - D. Amazon EventBridge
5. Which Amazon SQS queue type offers maximum throughput, best-effort ordering, and at least one delivery?
  - A. SQS standard queue
  - B. SQS power queue
  - C. SQS FIFO queue
  - D. SQS LIFO queue

6. Which AWS service is designed to help you build a decoupled application architecture where incoming web requests can be held in a queue until a backend application can retrieve and process the request?
  - A. Amazon SQS
  - B. Amazon SWF
  - C. Amazon SNS
  - D. Amazon Step Functions
7. You are required to configure an SQS queue for your application where the order of messages needs to be preserved for the application to function correctly. Which type of queue do you need to configure?
  - A. SQS standard queue
  - B. SQS power queue
  - C. SQS FIFO queue
  - D. SQS LIFO queue
8. To reduce costs, you have been asked to automate the shutdown of a fleet of UAT test servers every weekday at 7 P.M. and then restart them the following weekday at 8 A.M. The servers should remain in the shutdown state at weekends.

Which AWS service can help you achieve the preceding requirements?

  - A. Amazon SQS
  - B. Amazon Athena
  - C. Amazon EventBridge
  - D. Amazon SNS
9. Which AWS service enables you to manage application workflows as state machines by breaking them into multiple steps, adding flow logic, and tracking the inputs and outputs between the steps?
  - A. Amazon Step Functions
  - B. Amazon SQS
  - C. Amazon SNS
  - D. Amazon SWF

10. Which AWS service offers an orchestration service to coordinate work across application components that make use of decider programs to determine the latest state of each task and use it to initiate subsequent tasks?
- A. Amazon SNS
  - B. Amazon EventBridge
  - C. Amazon SQS
  - D. Amazon SWF



## **CHAPTER-11**

### **Questions**

Answer the following questions to test your knowledge of this chapter:

1. Which AWS service can help you ingest and deliver massive amounts of streaming data into Amazon Redshift for near real-time analytics?
  - A. Amazon Athena
  - B. Amazon Kinesis Firehose
  - C. Amazon Kinesis Video Streams
  - D. Amazon RDS
2. Which AWS service can help you query streaming data using standard SQL queries in real time?
  - A. Amazon Kinesis Data Streams
  - B. Amazon Kinesis Data Analytics
  - C. Amazon Glue
  - D. Amazon QuickSight

3. You are planning on building an application that will capture video streams from speed cameras on country roads for analysis. You need to be able to capture all the vehicles that break the speed limit and identify the offending drivers via the vehicles' license plates. Which two services on AWS can help you achieve these requirements? (Choose 2 answers.)
- A. Amazon Athena
  - B. Amazon Kinesis Data Analytics
  - C. Amazon Kinesis Video Streams
  - D. Amazon Elasticsearch
  - E. Amazon Rekognition
4. Which AWS service enables you to index all types of content, offers integration with **Kibana**, and helps you build data visualization tools to analyze large datasets?
- A. Amazon Elasticsearch
  - B. Amazon Glue
  - C. Amazon Athena
  - D. Amazon Kinesis Firehose
5. You store several network log files (in CSV format) in an Amazon S3 bucket. You have been asked to analyze the contents of a specific file for possible malicious attacks. Which AWS service can help you analyze raw data in Amazon S3 and perform the necessary ad hoc analysis?
- A. Amazon Glue
  - B. Amazon QuickSight
  - C. Amazon Athena
  - D. Amazon Data Pipeline

6. Which AWS service can be used to perform serverless ETL functions to discover, prepare, enrich, clean, and transform your data from various sources for analysis?
  - A. AWS Glue
  - B. AWS Athena
  - C. AWS QuickSight
  - D. AWS Rekognition
  
7. Which AWS service enables you to create and publish interactive BI dashboards for your business data to provide access to meaningful information for your business to make decisions?
  - A. AWS Kinesis Data Analytics
  - B. AWS Glue
  - C. AWS QuickSight
  - D. AWS Kinesis Firehose

## **CHAPTER-12**

### **Questions**

Answer the following questions to test your knowledge of this chapter:

1. Which AWS service automatically provisions the necessary infrastructure (for example, load balancing, auto-scaling, and health monitoring) and enables developers to automatically deploy an application's built-in supported languages such as Node.js, PHP, and Python?
  - A. AWS CloudFormation
  - B. AWS Lambda
  - C. AWS Elastic Beanstalk
  - D. AWS Deployer
2. You work for a web application development company and have been asked to design an infrastructure solution that can be repeatedly created using scripted templates. This will allow you to create individual sandbox environments for your developers to use. Some infrastructure components will include the setup and configuration of a VPC, EC2 instances, S3 buckets, and more. Which AWS service enables you to design an infrastructure template that can be deployed to create repeatable infrastructure for your developers to use as a sandbox environment?
  - A. AWS Systems Manager
  - B. AWS CloudFormation
  - C. AWS Config
  - D. AWS FSx for Lustre
3. Which two file formats are used when creating CloudFormation templates? (Choose 2.)
  - A. JSON
  - B. YAML
  - C. XML
  - D. HTML
  - E. Java

4. Which AWS service provides integration with Chef recipes to start new application instances, configure application server software, and deploy the application?
  - A. Amazon CloudFormation
  - B. Amazon Elastic Beanstalk
  - C. Amazon OpsWorks
  - D. Amazon Cookbook.
5. Which type of environment do you need to configure for an Elastic Beanstalk deployment to host backend application layer services?
  - A. Web server environment tier
  - B. Worker environment tier
  - C. Backend environment tier
  - D. Hybrid environment
6. Which feature of the Amazon CloudFormation service enables you to review any proposed changes you wish to make to an environment and identify how those changes will impact your environment?
  - A. Drift detection
  - B. Change sets
  - C. Stack sets
  - D. Change management

## **CHAPTER-13**

### **Questions**

1. Which AWS service enables you to track all API activity in your AWS account, regardless of whether the activity was performed using the AWS Management Console or the CLI?
  - A. AWS CloudTrail
  - B. AWS Config
  - C. AWS Trusted Advisor
  - D. Application load balancer logs
  
2. As part of implementing change management, which AWS service can be used to assess, audit, and evaluate change configurations of your AWS resources, enabling you to identify whether a change was the cause of an incident?
  - A. AWS Config
  - B. AWS CloudTrail
  - C. Amazon CloudWatch
  - D. AWS Outposts
  
3. Which AWS service can be used to monitor your company's fleet of EC2 instances, which can be used to identify performance issues related to CPU utilization or memory consumptions?
  - A. Amazon CloudWatch
  - B. AWS Cloud Monitor
  - C. AWS EC2 Monitor
  - D. AWS CloudTrail

4. Which AWS service helps you identify potential unused resources, such as Elastic IP addresses, that are not attached to a running instance and thus highlight opportunities to save on costs?
  - A. AWS Cost Explorer
  - B. AWS Trusted Advisor
  - C. AWS Resource Manager
  - D. AWS Budgets
  
5. Which capability of the AWS Systems Manager service enables you to remotely connect to your Linux EC2 instances without having to use bastion hosts in your VPC?
  - A. Session Manager
  - B. Parameter Store
  - C. Run Command
  - D. Incident Manager

## **CHAPTER-14**

### **Questions**

Answer the following questions to test your knowledge of the topics covered in this chapter:

1. Which of the following is part of the customers' responsibility regarding the Shared Security Model? (Choose 2.)
  - A. Patch Windows EC2 instances with the latest security patches.
  - B. Configure NACL to only allow inbound ports 80 and 443 to Linux web servers from the internet.
  - C. Update the network cabling in the `us-east-1` data centers.
  - D. Upgrade the underlying infrastructure support for the Lambda service.
  - E. Upgrade the biometric readers in the London Region.
2. Which service in AWS protects your virtual network and resources from common DDoS attacks?
  - A. AWS WAF
  - B. AWS Shield
  - C. AWS Detective
  - D. Amazon Macie
3. Which of the following AWS Security tools can protect your web applications or APIs against common web exploits that may affect availability, compromise security, or consume excessive resources?
  - A. AWS WAF
  - B. AWS GuardDuty
  - C. AWS Shield
  - D. AWS NACL



4. Which AWS service uses machine learning to classify sensitive information stored in your Amazon S3 buckets and monitor access patterns for anomalies that indicate risks or suspicious behavior, such as large quantities of source code being downloaded?
  - A. Amazon Macie
  - B. Amazon X-Ray
  - C. AWS Shield
  - D. AWS WAF
5. Which AWS service enables companies looking to migrate to the AWS cloud to obtain copies of various compliance documents such as ISO certifications, **PCI**, and **SOC** reports?
  - A. AWS Artifact
  - B. AWS Config
  - C. AWS CloudWatch
  - D. AWS security reports
6. To fulfill strict compliance requirements, you need to create and manage your encryption keys using FIPS 140-2 Level 3-validated HSM devices. Which type of encryption service would you recommend?
  - A. AWS KMS
  - B. AWS CloudHSM
  - C. Certificate Manager
  - D. BitLocker

## **CHAPTER-15**

### **Questions**

1. Which AWS service enables you to specify a monthly cost amount for your AWS account and send out an alert if the actual or forecast spending is likely to cross the budgeted threshold values?
  - A. AWS Budgets
  - B. AWS Cost Explorer
  - C. AWS Config
  - D. AWS Pricing Calculator
  
2. Which AWS service enables you to access 12 months of usage and spending data as well as forecasting what your future costs will be for the next 12 months?
  - A. AWS Cost Explorer
  - B. AWS Billing alarms
  - C. AWS Config
  - D. AWS annual report

3. The finance department would like to get a report on the total monthly spending for all AWS resources broken down by business unit/project name. The purpose of which is to understand how much each business unit/project costs. Which feature of the AWS Billing and Cost Management services enables you to achieve this requirement?
  - A. Cost allocation tags
  - B. Cost and usage report
  - C. AWS Budgets
  - D. AWS CloudWatch
4. Which AWS service can analyze your monthly compute usage and offer recommendations for purchasing EC2 **RI** for your existing on-demand workloads?
  - A. AWS CloudTrail
  - B. AWS Budgets
  - C. AWS Cost Explorer
  - D. AWS Migration Evaluator
5. You are planning on architecting and building a three-tier application solution, comprising EC2 instances, load balancers, the Auto Scaling service, and a backend database. Which AWS service can you use to produce an estimated monthly cost for your proposal?
  - A. AWS Cost Explorer
  - B. AWS Pricing Calculator
  - C. AWS Cost Optimization Analyzer
  - D. AWS SNS

## Mock test 1

1. Which type of cloud service model is most like an on-premises environment, where you configure virtual infrastructure components such as compute, network, and storage services that you can host your applications on?
  - A. **Software as a Service (SaaS)**
  - B. **Platform as a Service (PaaS)**
  - C. **Infrastructure as a Service (IaaS)**
  - D. **Function as a Service (FaaS)**
2. Your company is looking to move all its applications and services to the cloud but would like to migrate workloads in stages. This would require you to ensure that there is connectivity between the on-premises infrastructure and the applications you deploy on AWS for a while. What cloud deployment model would you need to establish?
  - A. Private cloud
  - B. Public cloud
  - C. Hybrid cloud
  - D. Multi-cloud
3. Which of the following statements are valid reasons for choosing a specific AWS Region to deploy your applications in? (Choose two)
  - A. Your organization would choose a specific AWS Region that enables you to ensure that your applications are closer to your end users, thereby reducing any latency.
  - B. If your organization has specific compliance or data residency laws to follow, then your choice of an AWS Region will be dictated by this requirement.
  - C. Your organization would choose a Region closer to its location since your IT staff will need to visit the AWS data centers to set up servers and networking equipment.

- D. Your organization would choose a Region-based location where your business has an established legal presence. This is because you cannot access other Regions unless you have a legal establishment in that Region.
  - E. Your organization would select an AWS Region that offered higher variable costs but lower upfront costs.
4. Which component of the AWS Global Infrastructure enables you to cache content (videos, images, and documents) and offer low-latency access when your users try to download them?
- A. AWS Regions
  - B. Availability Zones
  - C. Edge locations
  - D. Local Zones
5. Which of the following AWS services can help you design a hybrid cloud architecture and enable your on-premises applications to get access to Amazon S3 cloud storage?
- A. Amazon Snowball Edge
  - B. AWS Storage Gateway
  - C. Amazon Elastic Block Store
  - D. Amazon CloudFront
6. You are planning on using AWS services to host an application that is still under development, and you need to decide which AWS support plan you should subscribe to. You do not need production-level support currently and are happy with a 12-hour response time for any system-impaired issues. Which is the most cost-effective support plan you should subscribe to?
- A. Basic Support plan
  - B. Developer Support plan
  - C. Business Support plan
  - D. Enterprise Support plan

7. Which of the following are regarded as global services on AWS? (Choose two)
  - A. AWS IAM
  - B. Amazon Route53
  - C. Amazon EC2
  - D. Amazon EFS
  - E. Amazon RDS
8. Which of the following statements closely relates to the advantage of cloud computing that discusses the ability to *go global in minutes*?
  - A. The ability to trade capital expenses for variable expenses and thus avoid huge CAPEX.
  - B. The ability to provision resources just in time for when you need them using tools such as Auto Scaling.
  - C. The ability to deploy your applications across multiple Regions with just a few mouse clicks.
  - D. The ability to focus on experimentation and the development of your applications rather than infrastructure builds, management, and maintenance.
9. Which AWS service can you configure to send out an alert to an email address if your total expenditure crosses a predefined monthly cost?
  - A. Set up a billing alarm in Amazon CloudWatch
  - B. Set up a billing alarm in Amazon CloudTrail
  - C. Set up a billing alarm in Amazon Config
  - D. Set up a billing alarm in Amazon Trusted Advisor
10. Which of the following resource types is tied to the Availability Zone that it was launched in?
  - A. **Elastic Block Store (EBS)**
  - B. **Elastic File Store (EFS)**
  - C. Amazon Route53 Hosted Zones
  - D. Amazon DynamoDB

11. As part of enhancing the security of your AWS account, you need to ensure that all IAM users use complex passwords comprising of at least one capital letter, a number, a symbol, and a minimum of 9 characters. Which AWS IAM feature can you use to configure these requirements?
- A. Password policies
  - B. Permission boundaries
  - C. Service Control Policies (SCPs)
  - D. Resource policies
12. As a recommended best practice, what additional authentication security measure can you implement for your root user and IAM users?
- A. Implement MFA.
  - B. Implement LastPass.
  - C. Implement AWS WAF.
  - D. Implement AWS Shield.
13. What is the easiest way to assign permissions to many IAM users who share a common job function?
- A. Create a customer-managed IAM policy and attach the same policies to all IAM users who share a common job function.
  - B. Create an IAM Group, add IAM users who share the common job function to that group, and apply an IAM policy to the group with the necessary permissions.
  - C. Create an SCP to restrict users who share a common job function for specific permissions.
  - D. Create an IAM role with the necessary permissions and assign the role to all IAM users who share the common job function.

14. You have outsourced the development of your application to a third-party provider. This provider will require temporary access to your AWS account to set up the necessary infrastructure and deploy the application. What type of identity should you configure for the provider to use to gain access?
  - A. IAM User
  - B. IAM Group
  - C. IAM role
  - D. Root user
15. Which tool on AWS can be used to estimate your monthly costs?
  - A. AWS Pricing Calculator
  - B. AWS TCO Calculator
  - C. AWS Free Tier Calculator
  - D. AWS Monthly Calculator
16. You need to differentiate the cost of running different workloads in your AWS account by business unit and department. How you can identify your resources, as well as their owners, in the billing reports generated by AWS?
  - A. Designate specific tags as cost allocation tags in the AWS Billing and Cost Management Console.
  - B. Set up an SNS alert for each department.
  - C. Create a billing alarm.
  - D. Configure consolidated billing in AWS Organizations.
17. Which AWS tool enables you to view your **Reserved Instance (RI)** utilization?
  - A. AWS Cost Explorer
  - B. AWS Config
  - C. AWS CloudTrail
  - D. AWS Personal Health Dashboard



18. Which set of credentials do you need to configure for IAM users who need to access your AWS account via the **command-line interface (CLI)**?
- A. IAM username and password
  - B. IAM access key ID and secret access key
  - C. IAM MFA
  - D. IAM key pairs
19. An application is to be deployed on EC2 instances that will need to access an Amazon S3 bucket to upload any artifacts that are created. Which security option is considered a best practice to grant the application running on the EC2 instances the necessary permissions to upload files to the Amazon S3 bucket?
- A. Create an IAM user account with a set of access keys and assign the required level of permissions using an IAM policy. Hardcode the application with the access keys.
  - B. Create an IAM user account with a username and password and assign the required level of permissions using an IAM policy. Hardcode the application with the username and password.
  - C. Create an IAM role with the required level of permissions using an IAM policy. Attach the role to the application running on the EC2 instance.
  - D. Create an IAM role with the required level of permissions using an IAM policy. Attach the role to the EC2 instances that will host the application.
20. Which AWS service enables you to troubleshoot IAM policies by identifying which set of permissions are allowed and which are denied?
- A. AWS Policy Simulator
  - B. AWS Policy Manager
  - C. AWS CloudTrail
  - D. AWS SCPs

21. As part of your regular compliance processes, you are required to regularly audit the list of your IAM users and review information such as if they have been configured with passwords and access keys, as well as if MFA has been enabled on those accounts. Which AWS IAM service enables you to produce regular reports containing the preceding information?
- A. IAM Credentials Report
  - B. IAM MFA Report
  - C. AWS CloudWatch
  - D. AWS Config
22. Which type of AWS policy enables you to define boundaries against what an IAM user or IAM role can be permitted to do in your AWS account?
- A. IAM policies
  - B. Resource-based policies
  - C. **SCPs**
  - D. Permission boundaries
23. Which type of AWS policy enables you to control the maximum set of permissions that can be defined for AWS member accounts of an organization?
- A. IAM policies
  - B. Resource-based policies
  - C. **SCPs**
  - D. Permission boundaries
24. Which of the following Amazon S3 storage classes can help you reduce the cost of storage for objects that are infrequently accessed, and yet still give you instant access when you need it?
- A. Amazon S3 Standard-IA
  - B. Amazon S3 Glacier
  - C. Amazon S3 Glacier Deep Archive
  - D. Amazon S3 Standard

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25. You are hosting an Amazon S3 bucket that contains important documents, and you want to enhance security whereby IAM users who try to access the objects can only do so from within the corporate office network. How would you configure your S3 bucket to fulfill this requirement?
- A. Create a resource policy granting the necessary level of access with a condition statement that defines and specifies the corporate office IP block.
  - B. Create a resource policy granting the necessary level of access with a condition statement that specifies your corporate IAM users' accounts.
  - C. Create an SCP granting access with a condition statement that specifies the corporate office IP block.
  - D. Create an Amazon S3 **Access Control List (ACL)** with a condition statement that specifies your corporate IAM users' accounts.
26. Which type of Amazon S3 Storage class is cost-effective where you are unsure of your access patterns for the data contained within the S3 bucket?
- A. Amazon S3 Standard storage class
  - B. Amazon S3 Standard-IA storage class
  - C. Amazon S3 One-Zone IA
  - D. Amazon S3 Intelligent Tiering
27. Your junior colleague accidentally deleted some financial data that was stored in an Amazon S3 bucket. How can you prevent such accidental deletions of data in Amazon S3?
- A. Do not give junior administrators access to Amazon S3.
  - B. Set up Amazon S3 Versioning on your S3 bucket.
  - C. Set up Amazon S3 Lifecycle Management.
  - D. Set up Amazon S3 Termination Protection.
28. Which feature of Amazon S3 enables you to create a secondary copy of your objects in a given S3 bucket that will be stored in a different Region for compliance purposes?
- A. Amazon S3 **Cross-Region Replication (CRR)**
  - B. Amazon S3 Same Region Replication
  - C. Amazon S3 Versioning
  - D. Amazon S3 Multi-Copy

29. Company policy dictates that objects stored in Amazon S3 must be encrypted at rest. It is also mandated that your choice of encryption should offer an auditing feature that shows when your **Customer Master Key (CMK)** was used and by whom. Which type of Amazon S3 encryption option will you need to configure to fulfill the requirements?
- A. **Server-Side Encryption with Amazon S3-Managed Keys (SSE-S3)**
  - B. Client-Side Encryption
  - C. **Server-Side Encryption with KMS keys stored in AWS Key Management Service (SSE-KMS) Bitlocker**
30. You need to retrieve a small subset of some archive data urgently to resolve a pending investigation. The data is stored in the Amazon S3 Glacier storage class. Which retrieval option can use to access the data urgently?
- A. Standard retrieval option
  - B. Expedited retrieval option
  - C. Bulk retrieval option
  - D. Power retrieval option
31. You have a team of remote workers who need to upload research documents and videos to your Amazon S3 bucket hosted in the us-east-1 Region. You would like to ensure that your remote staff can upload research material with low latency access. What can you do to reduce speed variability for uploads, which are often experienced due to the architecture of the public internet?
- A. Enable Amazon **S3 Transfer Acceleration (S3TA)** for your bucket.
  - B. Configure an IPSec site-to-site VPN connection between your remote workers and the VPC in the us-east-1 Region.
  - C. Use the Amazon Storage Gateway service.
  - D. Set up Amazon Express Route.

32. You need to transfer large amounts of data from your on-premises network to the Amazon S3 platform. The total data capacity is around 400 TB. You have decided to opt for the Amazon Snowball Edge service to complete the transfer. No data compute or processing is required. Which *flavor* of the Amazon Snowball Edge service would you recommend?
- A. Snowball Edge Compute Optimized
  - B. Snowball Edge Storage Optimized
  - C. Snowball Edge Data Optimized
  - D. Snowball Edge Function Optimized
33. You host several Microsoft Windows applications on-premises that need low latency access to large amounts of storage. You would like to use the Amazon Storage Gateway service to host all application-level data. Which gateway option would you recommend?
- A. Amazon S3 File Gateway
  - B. Amazon FSx File Gateway
  - C. Volume Gateway Cached Mode
  - D. Tape Gateway
34. Following best practices, you have deployed your application servers within the private subnets of a VPC. However, these servers require internet access to download updates and security patches. Which type of resource can enable you to grant internet access to EC2 instances in private subnets without having to assign public IP addresses to those instances?
- A. Internet gateway
  - B. NAT gateway
  - C. Subnet
  - D. Route table

35. Which of the following statements is true about security groups?
- A. Security groups are stateful and you need to configure both inbound and the corresponding outbound rules for traffic to flow bidirectionally.
  - B. Security groups are stateless and you do not need to configure both inbound and the corresponding outbound rules for traffic to flow bidirectionally.
  - C. Security groups can be used to explicitly deny inbound traffic from a specific IP address range.
  - D. Security groups are used to limit what actions IAM users that are members of the group can perform.
36. Which feature of the AWS VPC service enables you to connect multiple VPCs so that traffic between those VPCs can be sent using private IP address space?
- A. VPC peering
  - B. VPC Flow Logs
  - C. Subnets
  - D. VPC endpoints
37. Which service enables you to reduce the complexity associated with establishing multiple VPC peering connections?
- A. AWS Transit Gateway
  - B. AWS VPC Manager
  - C. AWS Direct Connect
  - D. IPSec VPN Tunnel
38. Which AWS service enables you to connect your on-premises network to your AWS account using a dedicated private connection that bypasses the internet altogether?
- A. IPSec VPN
  - B. Express Route
  - C. Direct Connect
  - D. Snowball

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39. Which AWS feature can help you establish connectivity between your on-premises network and your AWS VPC using an IPsec tunnel?
- A. Direct Connect
  - B. **Virtual Private Network (VPN)**
  - C. AWS Outposts
  - D. Amazon SNS
40. You are about to publish your web application using an **Application Load Balancer (ALB)** and would like to use a friendly domain name to advertise the site to your users rather than the ALB's DNS name. Which AWS service can you use to configure the alias's name so that when users type in the friendly domain name into the browser, they are directed to the ALB's DNS URL?
- A. Amazon Route53
  - B. Amazon CloudFront
  - C. Amazon S3
  - D. Amazon Direct Connect
41. Which AWS service enables you to purchase and register new domain names that can be used to publish your website on the internet?
- A. Route53
  - B. VPC
  - C. RDS
  - D. Elastic Beanstalk
42. You have developed a web application that you want to offer redundancy and resilience for. Which feature of the Amazon Route53 service can help you design your web application with a primary site where all users' traffic is directed to, by default, and if the primary site is offline, then users are redirected to a secondary site located in a different Region.
- A. Simple routing policy
  - B. Weighted routing policy
  - C. Failover routing policy
  - D. Geolocation routing policy

43. You plan to host a new Amazon S3 static website through which you will offer free recipe guides. The site is going to be accessed by users across the globe. The site contains lots of videos and images about the recipes you offer. Which AWS service can help you cache your digital assets locally to where users are located and thus reduce latency when your users access content on your website?
- A. Amazon Route53
  - B. Amazon VPC
  - C. Amazon CloudFront
  - D. Amazon Cloud9
44. You have created an EC2 AMI that contains the base operating system and all necessary corporate settings/configurations. Your colleagues in another Region are trying to launch new EC2 instances but they are unable to access your AMI. What do you need to do so that your colleagues can use the new image?
- A. Copy the AMI to other Regions.
  - B. Set up a VPC endpoint between the Regions to allow your colleagues to download the AMI.
  - C. Copy the AMI to an S3 bucket.
  - D. Use the Amazon Snowball service to send a copy of the AMI to your colleagues.
45. Which EC2 instance type is designed for floating-point number calculations, graphics processing, or data pattern matching?
- A. General Purpose
  - B. Memory-Optimized
  - C. Compute Optimized
  - D. Accelerated Computing
46. You need to deploy a certain third-party application on an EC2 instance where the licensing term is based on a per-CPU core/socket basis. Which EC2 pricing option do you need to use for this requirement?
- A. On-Demand
  - B. Reserved Instance
  - C. Spot Instance
  - D. Dedicated Host



47. You are currently running a test phase for a new application that is being developed in-house. Your UAT testers will need to access test servers for 3 hours a day, three times a week. The test phase is supposed to last 5 weeks. You cannot afford any interruptions to the application while the tests are being run. Which EC2 pricing option will be the most cost-effective?
- A. On-Demand
  - B. Reserved
  - C. Spot
  - D. Dedicated Host
48. Which EBS volume type is designed for critical, I/O-intensive databases and application workloads?
- A. gp2
  - B. st1
  - C. sc1
  - D. io1
49. Which of the following payment options will help you achieve the maximum discount for your RIs?
- A. A 1-year commitment with payment made using the **Partial Upfront** option.
  - B. A 1-year commitment with payment made using the **All Upfront** option.
  - C. A 1-year commitment with payment made using the **No Upfront** option.
  - D. A 3-year commitment with payment made using the **All Upfront** option.
50. Which AWS service enables you to quickly deploy a **Virtual Private Server (VPS)** that comes preconfigured with common application stacks, SSD storage, and fixed IP addresses for a fixed monthly fee based on the configuration of the server?
- A. Amazon EC2
  - B. Amazon Lightsail
  - C. Amazon ECS
  - D. Amazon ECR

51. You are planning on deploying a Docker application on AWS. You wish to deploy your Docker image without having to manage EC2 instances such as provisioning and scaling clusters, or patching and updating virtual servers yourself. Which service enables you to fulfill this requirement?
- A. Amazon ECS deployed using the EC2 Launch Type
  - B. Amazon ECS deployed using the Fargate Launch Type
  - C. Amazon ECS deployed using ECR
  - D. Amazon ECS deployed with Lambda functions to manage your servers
52. Which of the following services is part of the AWS serverless offering that allows you to run code in response to a trigger or event?
- A. Amazon ECS
  - B. AWS Lambda
  - C. Amazon EC2
  - D. AWS CloudFront
53. Which AWS storage option is designed to offer file sharing capabilities for Windows-aware applications and offers options for integration with Microsoft Active Directory?
- A. AWS FSx for Lustre
  - B. Amazon FSx for Windows File Server
  - C. AWS Elastic File System
  - D. AWS instance store volumes
54. You are planning on deploying 10 EC2 instances across two Availability Zones that will host the new line of business applications. All the servers will need to share common files and will run the Amazon Linux 2 operating system. Which storage architecture would you recommend to host the shared files for your application servers?
- A. Amazon **Elastic File System (EFS)**
  - B. Amazon FSx Lustre
  - C. Amazon S3
  - D. Amazon EBS

55. You have just launched a Windows EC2 instance. How can you obtain the Windows local administrator password?
- A. Raise a support request with Amazon to obtain the password.
  - B. The password is sent to you automatically via email.
  - C. The password is sent to you via an SMS text message to your registered mobile.
  - D. Use the key pair to decrypt the password.
56. Which AWS service enables you to configure a hybrid solution by extending AWS Infrastructure so that EC2 and EBS services can be hosted in your on-premise data center?
- A. AWS RDS
  - B. AWS Direct Connect
  - C. AWS Outposts
  - D. AWS Route53
57. Your company provides spread betting services. You wish to run an end of day analysis against the day's transaction costs and carry out the necessary market analysis. Which AWS service dynamically provisions the necessary compute services that will scale based on the volume and resource requirements of your submitted jobs?
- A. AWS Batch
  - B. AWS CloudFront
  - C. AWS Lambda
  - D. AWS Blockchain
58. Which AWS service can help you deploy, manage, and scale containerized applications using Kubernetes on AWS?
- A. Amazon ECS
  - B. Amazon EKS
  - C. Amazon MFA
  - D. Amazon EC2

59. Which of the following statements is an example of an advantage of using Amazon RDS over databases installed on EC2 instances?
- A. Amazon RDS is a fully managed database where AWS manages the underlying compute and storage architecture, as well as patching and updates.
  - B. Amazon RDS grants you access to the operating system, allowing you to fine-tune the database for the operating system it is running.
  - C. Amazon RDS is faster than running the Microsoft SQL Server database on EC2 instances.
  - D. Amazon RDS automatically enables encryption of the data in Amazon RDS.
60. Which feature of Amazon RDS enables you to create a standby copy of the database and offer failover capabilities if the master copy fails?
- A. Read Replicas
  - B. Multi-AZ
  - C. Failover policy
  - D. Snapshots
61. Your company is planning to migrate its on-premises MySQL database to Amazon RDS. Which service will enable you to perform the migration?
- A. Amazon **Server Migration Service (SMS)**
  - B. Amazon **Database Migration Service (DMS)**
  - C. Amazon VM Import Export
  - D. Amazon Redshift Migration Utility
62. Which feature of AWS Redshift allows you to perform SQL queries against data stored directly on Amazon S3 buckets?
- A. Redshift leader node
  - B. Redshift Spectrum
  - C. Redshift Copy
  - D. Redshift Streams

63. Which Amazon RDS engine offers high resilience with copies of the database placed across a minimum of three Availability Zones?
- A. MySQL
  - B. PostgreSQL
  - C. Microsoft SQL Server
  - D. Amazon Aurora
64. Which AWS-managed database service enables you to store data using complex structures with options for nested attributes, such as a JSON-style document?
- A. Amazon RDS
  - B. Amazon Redshift
  - C. Amazon DynamoDB
  - D. Amazon Aurora
65. Which AWS database service is designed to store sensitive data that is immutable and where the transactional logs are cryptographically verifiable?
- A. AWS QLDB
  - B. Amazon Neptune
  - C. Amazon Aurora
  - D. Amazon RDS

## Mock test 2

1. You are currently performing a manual snapshot of your single instance MySQL Amazon RDS database every 4 hours. Some users have complained that the application that connects to the database experiences a brief outage when the backup process initializes. What can you do to resolve this issue?
- A. Configure your Amazon RDS database with Read Replicas.
  - B. Configure your Amazon RDS database with Multi-AZ.
  - C. Configure an AWS backup to perform the RDS database backups.
  - D. Use the DMS service to migrate the MySQL database to Microsoft SQL Server.

2. Your organization is in a healthcare industry based in New York. You are planning on using an in-memory caching engine to alleviate the load on your Amazon RDS database for frequently used queries. Which AWS in-memory caching engine offers Multi-AZ capabilities, encryption of data, and compliance with the **Health Insurance Portability and Accountability Act (HIPAA)**?
  - A. Amazon ElastiCache for Redis
  - B. Amazon ElastiCache for Memcached
  - C. Amazon CloudFront
  - D. Amazon DynamoDB DAX
3. Which AWS service offers a fully managed data warehousing capability and enables you to analyze large datasets using standard SQL and **Business Intelligence (BI)** tools?
  - A. Amazon RDS
  - B. Amazon QLDB
  - C. Amazon Redshift
  - D. Amazon Aurora
4. Which of the following services further increase your EC2 instances' costs? (Choose two)
  - A. Detailed monitoring
  - B. Use of Elastic Load Balancers
  - C. S3 buckets that you connect to
  - D. DynamoDB tables that you query
  - E. Setting up multiple key pairs
5. Your developer team needs to deploy an Elastic Load Balancer that will direct traffic to your web servers based on the URL path and over the HTTPS protocol. Which Elastic Load Balancer would you recommend?
  - A. Network Load Balancer
  - B. ALB
  - C. Gateway Load Balancer
  - D. Classic Load Balancer

6. Which feature of the Elastic Load Balancer service is suitable for **Transmission Control Protocol (TCP)**, **User Datagram Protocol (UDP)**, and **Transport Layer Security (TLS)** type traffic and operates at layer 4 of the **Open Systems Interconnection (OSI)** model?
- A. Network Load Balancer
  - B. ALB
  - C. Gateway Load Balancer
  - D. Classic Load Balancer
7. Which of the following statements is true about Elastic Load Balancers?
- A. Elastic Load Balancers act as firewalls to protect the application running on your EC2 instances.
  - B. Elastic Load Balancers enable you to achieve high availability across multiple Regions by distributing incoming web traffic to targets located in multiple Regions.
  - C. Elastic Load Balancers enable you to achieve high availability within a single Region by distributing incoming web traffic to targets located in multiple Availability Zones.
  - D. Elastic Load Balancers enable you to scale horizontally by provisioning or terminating EC2 instances based on the demand of your resources.
8. Which component of an Elastic Load Balancer do you need to configure to ensure you accept traffic on a designated port and forward that traffic on a specific port to your EC2 instances behind the load balancer?
- A. Port forwarder
  - B. NAT Gateway
  - C. Listener
  - D. Echo

9. You are building a multi-tier architecture with web servers placed in the public subnet and application servers placed in the private subnet of your VPC. Which type of load balancer would you choose to distribute traffic to your application servers?
  - A. Internet-facing
  - B. Internal load balancers
  - C. Dynamic load balancers
  - D. Static load balancers
10. Which configuration feature of the AWS Auto Scaling service enables you to define a maximum number of EC2 instances that can be launched in your fleet?
  - A. Auto Scaling group
  - B. Auto Scaling Launch Configuration
  - C. Auto Scaling MaxFleet Size
  - D. Auto Scaling policy
11. Which AWS service can help you provision only the necessary number of EC2 instances required to meet application demand, thus saving on costs usually associated with overprovisioning resources?
  - A. Elastic Load Balancer
  - B. Auto Scaling
  - C. Cost Explorer
  - D. EC2 Launcher
12. You have recently launched a new *free coupon* web application across a fleet of EC2 instances configured in an Auto Scaling group. Traffic has increased dramatically before the Black Friday sale and you have noticed that your Auto Scaling service is not launching any more EC2 instances, even though the threshold metrics have been crossed in CloudWatch. Your colleague tells you that you may have crossed a quota or limit on the number of EC2 instances you can launch. Which AWS service can offer you a quick look to determine this is the case?
  - A. Personal Health Dashboard
  - B. AWS Systems Manager
  - C. AWS Config
  - D. AWS Trusted Advisor



13. Which firewall protection service does the ALB offer to help protect against common web exploits such as cross-site scripting and SQL injection?
- A. AWS WAF
  - B. AWS Shield
  - C. Amazon Guard Duty
  - D. **Network Access Control Lists (NACLs)**
14. Which dynamic scaling policy offered by the Amazon Auto Scaling service can help you launch or terminate EC2 instances in the fleet based on the target value of a specific metric?
- A. Target tracking scaling policy
  - B. Step scaling policy
  - C. Simple scaling policy
  - D. Predictable scaling policy
15. You plan to use Amazon CloudWatch to send out alerts whenever the CPU utilization on your production EC2 instances is more than 80% for 15 minutes. Which AWS service can you use to send out this alert notification?
- A. Amazon SES
  - B. Amazon SNS
  - C. Amazon SQS
  - D. Amazon MQ
16. Which feature of the Amazon SNS service enables you to push notification messages to multiple endpoints in parallel?
- A. You can use the SNS Fanout scenario to help you push notifications to multiple endpoints.
  - B. You can use SNS FIFO topics to help you push notifications to multiple endpoints.
  - C. You can change the timeout period to ensure that notifications are sent to multiple endpoints.
  - D. To send out notifications to multiple endpoints, you will need to configure Amazon SQS to integrate with Amazon SNS.

17. Which AWS service enables you to design your application architecture by decoupling its components into distributed systems and facilitating the design and architecture of microservices?
  - A. Amazon SNS
  - B. Amazon Simple Queue Service (SQS)
  - C. Amazon MQ
  - D. Amazon Redshift
18. You plan to use Amazon SQS to help decouple your application components. Which queue type will help you ensure that the message order from one component to another is preserved?
  - A. Configure Amazon SQS with a standard queue.
  - B. Configure Amazon SQS with a FIFO queue.
  - C. Configure Amazon SQS with a LIFO queue.
  - D. Configure Amazon SQS with a DLQ.
19. You are planning on migrating an application to the cloud. Which message brokering service will enable you to continue to use Apache ActiveMQ and facilitate communications between application components?
  - A. Amazon SQS
  - B. Amazon MQ
  - C. Amazon SNS
  - D. Amazon SES
20. Which AWS service can help you trigger a Lambda function based on an event such as an object being deleted from an Amazon S3 bucket?
  - A. AWS ECS
  - B. AWS Batch
  - C. AWS EventBridge
  - D. Amazon CloudTrail

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21. Your application architecture for an insurance claim solution has a workflow process that can take up to 30 days to complete and requires human intervention in the form of manual approval processes to follow. Which AWS service would you recommend for architecting the workflow process?
- A. Amazon SQS
  - B. Amazon Step Functions
  - C. AWS CloudFormation
  - D. AWS Lambda
22. You plan to configure a Lambda function that will be used to automatically start and stop EC2 instances at the start and close of the business day, respectively. How can you automate the start and stop of EC2 instances according to a specified schedule?
- A. Configure Amazon SNS to send out an alert trigger to the Lambda function.
  - B. Configure Amazon CloudTrail to trigger the Lambda function at the designated schedule.
  - C. Configure Amazon CloudWatch Events with a rule to trigger the Lambda function at the designated schedule.
  - D. Configure the Amazon Scheduler service.
23. You need to run certain SQL queries to analyze data from a streaming source and conduct analysis. Which of the following services can you use to analyze stream data in real time?
- A. Amazon SQS
  - B. Amazon Kinesis Data Streams
  - C. Amazon Kinesis Analytics
  - D. Amazon Athena
24. You are required to run ad hoc test queries against weekly reports that are stored in Amazon S3. Which AWS service can you use to query raw data in Amazon S3 using standard SQL?
- A. Amazon Athena
  - B. Amazon Kinesis
  - C. Amazon RDS
  - D. Amazon Redshift

25. Which AWS service can be used to load a massive amount of streaming data into your Redshift data warehousing solution in near real time?
- A. Amazon Kinesis Data Streams
  - B. Amazon Kinesis Firehose
  - C. Amazon Kinesis Video Streams
  - D. Amazon Athena
26. Which AWS service can be used to create and publish interactive BI dashboards that can be embedded into your applications, websites, and portals using Amazon-provided APIs and SDKs?
- A. Amazon Athena
  - B. Amazon QuickSight
  - C. Amazon Config
  - D. Amazon Glue
27. Which AWS service offers a serverless **Extract, Transform, and Load (ETL)** solution that's used to discover and extract data from various sources and perform any cleaning or normalization on data warehouses and data lakes, before loading them into databases?
- A. AWS QuickSight
  - B. Amazon Athena
  - C. Amazon Glue
  - D. Amazon CloudTrail
28. As part of your migration to the cloud, you need to re-host an application that uses Apache Spark to process vast amounts of data for a big data project. Which service on AWS can you use to help with data transformation and perform ETL jobs such as sort, aggregate, and join on large datasets?
- A. AWS QuickSight
  - B. Amazon EFS
  - C. Amazon EMR
  - D. Amazon S3

29. You need to regularly build test environments for new applications currently under development. Which AWS service can you use to automate the infrastructure build of your test environment and thus reduce the time taken to provision the infrastructure required?
- A. Amazon Elastic Beanstalk
  - B. Amazon CloudFormation
  - C. AWS OpsWorks
  - D. AWS Systems Manager
30. Which service can be used to orchestrate and configure environments to deploy applications using the Chef and Puppet enterprise tools?
- A. Amazon CloudFormation
  - B. AWS OpsWorks
  - C. Amazon Elastic Beanstalk
  - D. Amazon Cloud9
31. Which service enables developers to upload code to AWS and have the necessary infrastructure provisioned and managed to support that application?
- A. Amazon Elastic Beanstalk
  - B. Amazon CloudFormation
  - C. Amazon Cloud9
  - D. AWS OpsWorks
32. Which of the following environment tiers within the Elastic Beanstalk architecture is designed to support backend operations?
- A. Web services tier
  - B. Worker tier
  - C. Backend tier
  - D. Database tier

33. Which of the following formats are CloudFormation templates written in? (Choose two)
- A. YAML
  - B. XML
  - C. CSV
  - D. JSON
  - E. JAVA
34. Which of the following is an example of a custom CloudWatch metric?
- A. CPU utilization
  - B. Disk read in
  - C. Network bytes in
  - D. Memory
35. Which feature of CloudWatch can help send you notification alerts via Amazon SNS whenever a particular threshold is breached for a specified period?
- A. Dashboards
  - B. Alarms
  - C. Logs
  - D. Events
36. You plan to use CloudWatch Logs to monitor network traffic that enters the AWS environment that's been specifically destined for an EC2 instance. You would like to record all inbound network traffic on port 80 that was accepted. What service can you configure to help you achieve this requirement?
- A. ALB access logs
  - B. VPC Flow Logs
  - C. CloudTrail Logs
  - D. Config logs

37. Which AWS service enables you to track user activity and API usage in your AWS account for auditing purposes?
- A. AWS Config
  - B. AWS CloudWatch
  - C. AWS CloudTrail
  - D. AWS Trusted Advisor
38. Which AWS service can be used to see how resources are interrelated to each other, how they were configured in the past, and view historical changes to those resources over time?
- A. AWS Trusted Advisor
  - B. AWS Systems Manager
  - C. AWS Config
  - D. AWS IAM
39. Which feature of the AWS System Manager service enables you to roll out security patches across EC2 instances and on-premises servers?
- A. Patch Manager
  - B. Microsoft WSUS
  - C. AWS Config
  - D. SCCM

40. You are planning on deploying a three-tier application architecture that is comprised of a database backend. Your application has been hardcoded with the database connection strings and secrets such as username and password. The company's security policy dictates that this approach is unacceptable and they would like you to manage the secrets information more securely. What would you recommend?
- A. Store the configuration information in the SSM Parameter Store and reference the parameter name from your code to dynamically retrieve the connection information.
  - B. Store the configuration information in Amazon Redshift and reference the connection details from your code to dynamically retrieve the connection information.
  - C. Store the configuration information in Amazon S3 and reference the connection details from your code dynamically.
  - D. Store the configuration information on an EBS volume and reference the connection details from your code dynamically.
41. Which AWS service can be used to manage and resolve incidents that affect their AWS-hosted applications?
- A. AWS Systems Manager Incident Manager
  - B. AWS Systems Manager Event Manager
  - C. Amazon EventBridge
  - D. **AWS Personal Health Dashboard (PHD)**
42. Which AWS service can be used to identify resources that have not been configured by following security best practices?
- A. AWS CloudWatch
  - B. AWS Trusted Advisor
  - C. AWS IAM
  - D. AWS CloudTrail



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43. You are trying to review the AWS Trusted Advisor service to analyze potential cost savings opportunities for various workloads you have deployed on AWS. However, you have noticed that the Cost Optimization category is grayed out and there are no reports on current configuration states. What could be preventing you from viewing the Cost Optimization report?
- A. You do not have enough permissions to access the Cost Optimization category on AWS Trusted Advisor.
  - B. You have not subscribed to either the business or enterprise support plans.
  - C. You have logged in with an IAM account and only the root user can access pricing and cost information.
  - D. The AWS account does not have an active debit/credit card associated with it.
44. Which Well-Architected Framework pillar suggests that replacing failed resources is often better than trying to figure out why the failure occurred? Identifying the reason for failure can be done later, but focusing on replacing the failed resource will help you get up and running quickly.
- A. Cost Optimization
  - B. Fault Tolerance
  - C. Reliability
  - D. Performance
45. Which of the following services can help fulfill the guidelines provided in the performance pillar concerning ensuring low latency access to video content hosted in a single S3 bucket globally?
- A. Use AWS CloudFront to cache the video content closer to end users.
  - B. Use AWS DynamoDB DAX to cache the video content closer to end users.
  - C. Use Amazon ElastiCache to cache the video content closer to end users.
  - D. Use Amazon Kinesis to cache the video content closer to end users.

46. Which pillar of the Well-Architected Framework refers to selecting the appropriate pricing options that allow you to adopt a consumption model for provisioning various resources?
- A. Performance pillar
  - B. Reliability pillar
  - C. Fault Tolerance pillar
  - D. Cost Optimization pillar
47. Regarding the AWS Shared Responsibility Model, who is responsible for patching Amazon RDS database instances?
- A. AWS
  - B. Customer
  - C. Database engine vendor
  - D. Both the customer and AWS
48. Which AWS service gives customers access to various compliance reports that confirm if the services offered by AWS meet specific requirements and regulatory requirements?
- A. AWS CloudTrail
  - B. AWS **Acceptable Usage Policy (AUP)**
  - C. AWS Artifacts
  - D. AWS Compliance Programs
49. AWS allows customers to run vulnerability scans and perform penetration testing. However, certain types of testing are not permitted. Which of the following actions is the customer prohibited from performing?
- A. Brute-force attacks by trying to guess your Amazon RDS database passwords.
  - B. Running malware detection programs on your EC2 instances.
  - C. Attempting to perform cross-site scripting or SQL injection tests via your ALB.
  - D. Performing simulated **Distributed Denial of Service (DDoS)** attacks.

50. Which AWS service enables you to encrypt data stored in your Amazon S3 buckets with a **CMK** and offers auditing capabilities?
- A. **Server-Side Encryption with Amazon S3-Managed Keys (SSE-S3)**
  - B. **Server-Side Encryption with CMKs Stored in AWS KMS (SSE-KMS)**
  - C. **Server-Side Encryption with Customer-Provided Keys (SSE-C)**
  - D. Client-Side Encryption with Amazon-Managed Keys
51. To meet strict compliance and regulatory requirements, you are required to encrypt the application data stored on your EC2 instances using dedicated FIPS 140-2 Level 3 validated devices. Which AWS service can you use to fulfill this requirement?
- A. AWS KMS
  - B. AWS CloudHSM
  - C. AWS TPM Hardware Modules
  - D. AWS Certificate Manager
52. Which AWS security solution offers protection against **DDoS** attacks and features an **AWS Shield Response Team (SRT)** 24/7 to assist you in handling such attacks?
- A. AWS WAF
  - B. AWS X-Ray
  - C. AWS Detective
  - D. AWS Shield Advanced
53. Which type of firewall solution integrates with Amazon CloudFront and ALBs to offer protection against common web exploits such as cross-site scripting and SQL injection?
- A. AWS WAF
  - B. AWS Shield
  - C. AWS X-Ray
  - D. AWS Firewall Manager

54. You are planning lots of data on Amazon S3 and you would like to monitor how your data is accessed, particularly highlighting any sensitive information such as **personally identifiable information (PII)**. Which AWS service can help you meet this requirement?
- A. Amazon Macie
  - B. AWS GuardDuty
  - C. AWS Detective
  - D. AWS X-Ray
55. You are building a mobile application that will be publicly accessible and you would like to integrate a third-party identity provider for authentication purposes, such as Facebook or Google. Which AWS service can be used to set up identity and access control solutions for your web and mobile applications?
- A. AWS Cognito
  - B. AWS IAM
  - C. Active Directory
  - D. AWS Certificate Manager
56. Which AWS service can help detect malicious activities by analyzing data from your CloudTrail event logs, Amazon VPC Flow Logs, and DNS logs?
- A. AWS Shield
  - B. AWS Detective
  - C. AWS GuardDuty
  - D. Amazon Macie
57. Which AWS service can help you determine the root cause of security issues by extracting time-based events such as logins, network traffic from Amazon VPC Flow Logs, and data ingested from GuardDuty findings?
- A. AWS Shield
  - B. AWS WAF
  - C. AWS Detective
  - D. Amazon Macie

58. You are planning on migrating your on-premises workloads and applications to the cloud. Which AWS service enables you to capture millions of real-time data points related to your IT environment and review recommendations for right sizing and appropriately costing workloads on AWS?
- A. AWS Pricing Calculator
  - B. AWS Migration Evaluator
  - C. AWS Hybrid Calculator
  - D. AWS Cost Explorer
59. Which EC2 instance pricing model can offer up to a 90% discount off the on-demand price and be used in scenarios where interruptions to your instances will not impact the application workflow?
- A. Reserved Instances
  - B. Spot Instances
  - C. Dedicated Instances
  - D. Dedicated Hosts
60. Which Amazon S3 storage class enables you to host 48 TB or 96 TB as part of the S3 storage capacity and provides the option to create a maximum of 100 S3 buckets on-premises?
- A. Standard storage class
  - B. Standard One-Zone (IA)
  - C. Glacier
  - D. Amazon S3 on Outposts
61. Which type of policy can you create to grant anonymous access to the objects stored in an S3 bucket that can be used to host website assets?
- A. IAM policy
  - B. IAM permission boundaries
  - C. Resource policy
  - D. SNS policy

62. Which AWS service enables you to register new domain names for your corporate business requirements?
- A. AWS DNS
  - B. AWS Route53
  - C. AWS VPC
  - D. Amazon Macie
63. Which AWS service offers image and video analysis that can be used to identify objects, people, text, scenes, and other activities?
- A. Amazon Rekognition
  - B. Amazon Kinesis Video Streams
  - C. Amazon Prime
  - D. Amazon Athena
64. Which AWS service offers text search and analytics capabilities that can store, analyze, and perform search functions against big data volumes in near real time?
- A. Amazon Redshift
  - B. Amazon ElastiCache
  - C. Amazon Elasticsearch
  - D. Amazon Search
65. You plan to migrate your entire on-premises network to the cloud and have also decided to move away from physical desktops and workstations to a complete VDI solution. Which service on AWS enables you to provision virtual desktops in the cloud, accessible via a web browser?
- A. Amazon EC2
  - B. Amazon Lightsail
  - C. Amazon WorkSpaces
  - D. Amazon EKS

## **Chapter 1**

1. D
2. A
3. A
4. A and B
5. A
6. C
7. C
8. C

## **Chapter 2**

1. C and D
2. C
3. D
4. B
5. B
6. A
7. C
8. B
9. A and E
10. A and B
11. C
12. C

## Chapter 3

1. A
2. A
3. A and B
4. A
5. A
6. B
7. B

## Chapter 4

1. A and B
2. B
3. A
4. B
5. A
6. A
7. A
8. A
9. C
10. B

## Chapter 5

1. A and D
2. B
3. C
4. D
5. B
6. C
7. A



- 8. A
- 9. B

## Chapter 6

- 1. B
- 2. A
- 3. A
- 4. A
- 5. A
- 6. B
- 7. D
- 8. C
- 9. C
- 10. B

## Chapter 7

- 1. D
- 2. A
- 3. C and E
- 4. A
- 5. A
- 6. C
- 7. A
- 8. A and B
- 9. A
- 10. B

## Chapter 8

1. B
2. A
3. A, B, and C
4. C
5. B
6. B
7. C
8. C
9. B

## Chapter 9

1. C
2. B
3. B
4. A
5. C
6. A

## Chapter 10

1. A
2. D
3. B
4. C
5. A
6. A
7. B
8. C
9. A
10. D

## Chapter 11

1. B
2. B
3. C and E
4. A
5. C
6. A
7. C

## Chapter 12

1. C
2. B
3. A and B
4. C
5. B
6. B

## Chapter 13

1. A
2. A
3. A
4. B
5. A

## Chapte14

1. A and B
2.  
B
3.  
A
4.  
A
5.  
A
6.  
B

## Chapte15

1. A
2.  
A
3.  
A
4.  
C
5.  
B

## Chapter 16

### Mock1

1. C
2. C
3. A and B
4. C
5. B
6. B
7. A and B
8. C
9. A
10. A
11. A
12. A
13. B
14. C
15. A
16. A
17. A
18. B
19. D
20. A
21. A
22. D
23. C
24. A
25. A
26. D
27. B
28. A
29. C
30. B

- 31. A
- 32. B
- 33. B
- 34. B
- 35. B
- 36. A
- 37. A
- 38. C
- 39. B
- 40. A
- 41. A
- 42. C
- 43. C
- 44. A
- 45. D
- 46. D
- 47. A
- 48. D
- 49. D
- 50. B
- 51. B
- 52. B
- 53. B
- 54. A
- 55. D
- 56. C
- 57. A
- 58. B
- 59. A
- 60. B
- 61. B
- 62. B

- 63. D
- 64. C
- 65. A

## Mock test 2

- 1. B
- 2. A
- 3. C
- 4. A and B
- 5. B
- 6. A
- 7. C
- 8. C
- 9. B
- 10. A
- 11. B
- 12. D
- 13. A
- 14. A
- 15. B
- 16. A
- 17. B
- 18. B
- 19. B
- 20. C
- 21. B
- 22. C
- 23. C
- 24. A
- 25. B
- 26. B
- 27. C
- 28. C

- 29. B
- 30. B
- 31. A
- 32. B
- 33. A and D
- 34. D
- 35. B
- 36. B
- 37. C
- 38. C
- 39. A
- 40. A
- 41. A
- 42. B
- 43. B
- 44. C
- 45. A
- 46. D
- 47. A
- 48. C
- 49. D
- 50. B
- 51. B
- 52. D
- 53. A
- 54. A
- 55. A
- 56. C
- 57. C
- 58. B
- 59. B
- 60. D
- 61. C



62. B

63. A

64. C

65. C