⭐ Question 1:

A company would like to define a set of rules to manage objects cost-effectively between Amazon Simple Storage Service (Amazon S3) storage classes. As a Cloud Practitioner, which Amazon S3 feature would you use?

○ S3 Cross-Region Replication (S3 CRR)

○ Amazon Simple Storage Service (Amazon S3) Lifecycle configuration

○ Amazon Simple Storage Service (Amazon S3) Bucket policies

○ Amazon S3 Transfer Acceleration (Amazon S3TA)

⭐ Question 2:

Which of the following statements is CORRECT regarding the scope of an Amazon Virtual Private Cloud (VPC)?

○ A VPC spans all AWS regions within an Availability Zone (AZ)

○ A VPC spans all Availability Zones (AZs) within an AWS region

○ Amazon VPC spans all subnets in all AWS regions

○ A VPC spans all Availability Zones (AZs) in all AWS regions

⭐ Question 3:

The development team at a company manages 300 microservices and it is now trying to automate the code reviews to improve the code quality. Which tool/service is the right fit for this requirement?

○ AWS Trusted Advisor

○ Amazon CodeGuru

○ AWS CodeBuild

○ AWS X-Ray

⭐ Question 4:

Which AWS serverless service allows you to prepare data for analytics?

- ○ **Amazon Athena**

- ○ **Amazon EMR**

- ○ **Amazon Redshift**

- ○ **AWS Glue**

⭐ Question 5:

Which types of monitoring can be provided by Amazon CloudWatch? (Select TWO)

- ☐ **API access**

- ☐ **Account management**

- ☐ **Resource utilization**

- ☐ **Application performance**

- ☐ **Performance and availability of AWS services**

⭐ Question 6:

A company would like to optimize Amazon Elastic Compute Cloud (Amazon EC2) costs. Which of the following actions can help with this task? (Select TWO)

- ☐ **Opt for a higher AWS Support plan**

- ☐ **Vertically scale the EC2 instances**

- ☐ **Build its own servers**

- ☐ **Purchase Amazon EC2 Reserved instances (RIs)**

- ☐ **Set up Auto Scaling groups to align the number of instances with the demand**

☆ Question 7:

A production company with predictable usage would like to reduce the cost of its Amazon Elastic Compute Cloud (Amazon EC2) instances by using reserved instances (RI). Which of the following length terms are available for Amazon EC2 reserved instances (RI)? (Select Two)

☐ 5 years

☐ 6 months

☐ 3 years

☐ 1 year

☐ 2 years

☆ Question 8:

A data science team would like to build Machine Learning models for its projects. Which AWS service can it use?

○ Amazon SageMaker

○ Amazon Polly

○ Amazon Connect

○ Amazon Comprehend

⭐ Question 9:

A Cloud Practitioner would like to get operational insights of its resources to quickly identify any issues that might impact applications using those resources. Which AWS service can help with this task?

○ **AWS Trusted Advisor**

○ **AWS Systems Manager**

○ **Amazon Inspector**

○ **AWS Health Dashboard - Your Account Health**

⭐ Question 10:

A Cloud Practitioner would like to deploy identical resources across all AWS regions and accounts using templates while estimating costs. Which AWS service can assist with this task?

○ **AWS CloudFormation**

○ **AWS Directory Service for Microsoft Active Directory (AWS Managed Microsoft AD)**

○ **AWS CodeDeploy**

○ **Amazon LightSail**

⭐ Question 11:

Which service/tool will you use to create and provide trusted users with temporary security credentials that can control access to your AWS resources?

○ **Amazon Cognito**

○ **AWS IAM Identity Center**

○ **AWS Web Application Firewall (AWS WAF)**

○ **AWS Security Token Service (AWS STS)**

⭐ Question 12:

A production company would like to establish an AWS managed virtual private network (VPN) service between its on-premises network and AWS. Which item needs to be set up on the company's side?

○ **A security group**

○ **A VPC endpoint interface**

○ **A virtual private gateway (VGW)**

○ **A customer gateway**

⭐ Question 13:

Adding more CPU/RAM to an Amazon Elastic Compute Cloud (Amazon EC2) instance represents which of the following?

○ **Vertical scaling**

○ **Loose coupling**

○ **Horizontal scaling**

○ **Managing increasing volumes of data**

⭐ Question 14:

Which AWS service can be used to send, store, and receive messages between software components at any volume to decouple application tiers?

○ **AWS Elastic Beanstalk**

○ **Amazon Simple Notification Service (Amazon SNS)**

○ **AWS Organizations**

○ **Amazon Simple Queue Service (Amazon SQS)**

⭐ Question 15:

A company would like to move its infrastructure to AWS Cloud. Which of the following should be included in the Total Cost of Ownership (TCO) estimate? (Select TWO)

☐ **Server administration**

☐ **Application advertising**

☐ **Number of end-users**

☐ **Electronic equipment at office**

☐ **Power/Cooling**

⭐ Question 16:

According to the AWS Well-Architected Framework, which of the following statements are recommendations in the Operational Excellence pillar? (Select two)

☐ **Make frequent, small, reversible changes**

☐ **Use serverless architectures**

☐ **Anticipate failure**

☐ **Automatically recover from failure**

☐ **Enable traceability**

Question 17:

A company using a hybrid cloud would like to store secondary backup copies of the on-premises data. Which Amazon S3 Storage Class would you use for a cost-optimal yet rapid access solution?

- ○ **Amazon S3 Glacier Deep Archive**

- ○ **Amazon S3 Standard-Infrequent Access (S3 Standard-IA)**

- ○ **Amazon S3 Standard**

- ○ **Amazon S3 One Zone-Infrequent Access (S3 One Zone-IA)**

Question 18:

Which AWS service can inspect Amazon CloudFront distributions running on any HTTP web server?

- ○ **Amazon Inspector**

- ○ **AWS GuardDuty**

- ○ **Elastic Load Balancing (ELB)**

- ○ **AWS Web Application Firewall (AWS WAF)**

Question 19:

Which of the following are the advantages of using the AWS Cloud? (Select TWO)

- ☐ **Trade operational expense for capital expense**

- ☐ **Increase speed and agility**

- ☐ **Limited scaling**

- ☐ **Stop guessing about capacity**

- ☐ **AWS is responsible for security in the cloud**

★ Question 20:

Which of the following statements is INCORRECT regarding Amazon EBS Elastic Volumes?

○ Amazon EBS Elastic Volumes can be bound to several Availability Zones (AZs)

○ Amazon EBS Elastic Volumes are bound to a specific Availability Zone (AZ)

○ Amazon EBS Elastic Volumes can persist data after their termination

○ Amazon EBS Elastic Volumes can be mounted to one instance at a time

★ Question 21:

A company would like to create a private, high bandwidth network connection between its on-premises data centers and AWS Cloud. As a Cloud Practitioner, which of the following options would you recommend?

○ AWS Site-to-Site VPN

○ VPC peering connection

○ VPC Endpoints

○ AWS Direct Connect

★ Question 22:

The IT infrastructure at a university is deployed on AWS Cloud and it's experiencing a read-intensive workload. As a Cloud Practitioner, which AWS service would you use to take the load off databases?

○ Amazon EMR

○ Amazon Relational Database Service (Amazon RDS)

○ Amazon ElastiCache

○ AWS Glue

⭐ Question 23:

Which AWS tool/service will help you define your cloud infrastructure using popular programming languages such as Python and JavaScript?

○ **AWS Elastic Beanstalk**

○ **AWS Cloud Development Kit (AWS CDK)**

○ **AWS CloudFormation**

○ **AWS CodeBuild**

⭐ Question 24:

A company is planning to implement Chaos Engineering to expose any blind spots that can disrupt the resiliency of the application.

Which AWS service will help implement this requirement with the least effort?

○ **AWS Trusted Advisor**

○ **Amazon GuardDuty**

○ **AWS Fault Injection Simulator (AWS FIS)**

○ **Amazon Inspector**

⭐ Question 25:

Which of the following services are provided by Amazon Route 53? (Select Two)

- ☐ **Transfer acceleration**

- ☐ **Health checks and monitoring**

- ☐ **IP routing**

- ☐ **Load balancing**

- ☐ **Domain registration**

⭐ Question 26:

A company would like to reserve Amazon Elastic Compute Cloud (Amazon EC2) compute capacity for three years to reduce costs. The company also plans to increase their workloads during this period. As a Cloud Practitioner, which Amazon Elastic Compute Cloud (Amazon EC2) reserved instance (RI) type would you recommend?

- ○ **Scheduled reserved instance (RI)**

- ○ **Standard reserved instance (RI)**

- ○ **Adaptable reserved instances (RI)**

- ○ **Convertible reserved instance (RI)**

⭐ Question 27:

Which AWS service can be used to view the most comprehensive billing details for the past month?

- ◯ **AWS Cost & Usage Report (AWS CUR)**

- ◯ **AWS Budgets**

- ◯ **AWS Pricing Calculator**

- ◯ **AWS Cost Explorer**

⭐ Question 28:

A start-up would like to quickly deploy a popular technology on AWS. As a Cloud Practitioner, which AWS tool would you use for this task?

- ◯ **AWS Whitepapers**

- ◯ **AWS Partner Solutions (formerly Quick Starts)**

- ◯ **AWS Forums**

- ◯ **AWS CodeDeploy**

⭐ Question 29:

Which of the following AWS Identity and Access Management (AWS IAM) Security Tools allows you to review permissions granted to an IAM user?

- ◯ **Multi-Factor Authentication (MFA)**

- ◯ **AWS Identity and Access Management (IAM) access advisor**

- ◯ **IAM policy**

- ◯ **IAM credentials report**

⭐ Question 30:

A media company wants to enable customized content suggestions for the users of its movie streaming platform. Which AWS service can provide these personalized recommendations based on historic data?

○ **Amazon Comprehend**

○ **Amazon Customize**

○ **Amazon SageMaker**

○ **Amazon Personalize**

⭐ Question 31:

A company would like to audit requests made to an Amazon Simple Storage Service (Amazon S3) bucket. As a Cloud Practitioner, which Amazon Simple Storage Service (Amazon S3) feature would you recommend addressing this use-case?

○ **Amazon Simple Storage Service (Amazon S3) Access Logs**

○ **Amazon S3 Bucket Policies**

○ **S3 cross-region replication (S3 CRR)**

○ **S3 Versioning**

⭐ Question 32:

Which of the following billing timeframes is applied when running a Windows EC2 on-demand instance?

○ **Pay per second**

○ **Pay per hour**

○ **Pay per minute**

○ **Pay per day**

⭐ Question 33:

A company would like to move 50 petabytes (PBs) of data from its on-premises data centers to AWS in the MOST cost-effective way. As a Cloud Practitioner, which of the following solutions would you choose?

- ○ **AWS Snowball Edge**

- ○ **AWS Storage Gateway**

- ○ **AWS Snowball**

- ○ **AWS Snowmobile**

⭐ Question 34:

An engineering team is new to the AWS Cloud and it would like to launch a dev/test environment with low monthly pricing. Which AWS service can address this use case?

- ○ **Amazon Elastic Container Service (Amazon ECS)**

- ○ **Amazon Elastic Compute Cloud (Amazon EC2)**

- ○ **AWS CloudFormation**

- ○ **Amazon LightSail**

⭐ Question 35:

A growing start-up has trouble identifying and protecting sensitive data at scale. Which AWS fully managed service can assist with this task?

- ○ **Amazon Macie**

- ○ **AWS Key Management Service (AWS KMS)**

- ○ **AWS Artifact**

- ○ **AWS Secrets Manager**

⭐ Question 36:

An engineering team would like to cost-effectively run hundreds of thousands of batch computing workloads on AWS. As a Cloud Practitioner, which AWS service would you use for this task?

- ○ **AWS Lambda**

- ○ **AWS Fargate**

- ○ **Amazon Lightsail**

- ○ **AWS Batch**

⭐ Question 37:

A company needs to use a secure online data transfer tool/service that can automate the ongoing transfers from on-premises systems into AWS while providing support for incremental data backups.

Which AWS tool/service is an optimal fit for this requirement?

- ○ **AWS Storage Gateway**

- ○ **AWS DataSync**

- ○ **AWS Snowcone**

- ○ **AWS Snowmobile**

★ Question 38:

According to the AWS Shared Responsibility Model, which of the following is both the responsibility of AWS and the customer? (Select two)

- [ ] **Customer data**

- [ ] **Configuration management**

- [ ] **Operating system (OS) configuration**

- [ ] **Disposal of disk drives**

- [ ] **Data center security**

★ Question 39:

A company based in Sydney hosts its application on an Amazon Elastic Compute Cloud (Amazon EC2) instance in ap-southeast-2. They would like to deploy the same Amazon EC2 instances in eu-south-1. Which of the following AWS entities can address this use case?

- ( ) **Amazon EBS Elastic Volume snapshots**

- ( ) **Elastic Load Balancing (ELB)**

- ( ) **AWS Lambda**

- ( ) **Amazon Machine Image (AMI)**

⭐ Question 40:

An e-commerce company would like to build a chatbot for its customer service using Natural Language Understanding (NLU). As a Cloud Practitioner, which AWS service would you use?

○ **Amazon Comprehend**

○ **Amazon SageMaker**

○ **Amazon Rekognition**

○ **Amazon Lex**

⭐ Question 41:

Which of the following statements is the MOST accurate when describing AWS Elastic Beanstalk?

○ **It is an Infrastructure as Code (IaC) that allows you to model and provision resources needed for an application**

○ **It is an Infrastructure as a Service (IaaS) that allows you to deploy and scale web applications and services**

○ **It is a Platform as a Service (PaaS) that allows you to deploy and scale web applications and services**

○ **It is a Platform as a Service (PaaS) that allows you to model and provision resources needed for an application**

⭐ Question 42:

Which AWS service allows you to quickly and easily add user sign-up, sign-in, and access control to web and mobile applications?

○ **AWS Identity and Access Management (AWS IAM)**

○ **AWS IAM Identity Center**

○ **AWS Organizations**

○ **Amazon Cognito**

⭐ Question 43:

According to the AWS Shared Responsibility Model, which of the following is the responsibility of the customer?

○ **Firewall & networking configuration of Amazon Elastic Compute Cloud (Amazon EC2)**

○ **Managing Amazon DynamoDB**

○ **Protecting hardware infrastructure**

○ **Edge locations security**

⭐ Question 44:

According to the AWS Shared Responsibility Model, which of the following are the responsibilities of AWS? (Select two)

- [ ] **Network operability**

- [ ] **Encrypting application data**

- [ ] **Data center security**

- [ ] **Installing security patches of the guest operating system (OS)**

- [ ] **Configuring IAM Roles**

⭐ Question 45:

Which of the following options is NOT a feature of Amazon Inspector?

- ( ) **Analyze against unintended network accessibility**

- ( ) **Track configuration changes**

- ( ) **Inspect running operating systems (OS) against known vulnerabilities**

- ( ) **Automate security assessments**

⭐ Question 46:

A corporation would like to simplify access management to multiple AWS accounts as well as facilitate AWS Single Sign-On (AWS SSO) access to its AWS accounts. As a Cloud Practitioner, which AWS service would you use for this task?

- ( ) **AWS Cognito**

- ( ) **AWS IAM Identity Center**

- ( ) **AWS Command Line Interface (CLI)**

- ( ) **AWS Identity and Access Management (AWS IAM)**

⭐ Question 47:

Which AWS service can be used to subscribe to an RSS feed to be notified of the status of all AWS service interruptions?

○ **AWS Health Dashboard - Your Account Health**

○ **AWS Health Dashboard - Service Health**

○ **Amazon Simple Notification Service (Amazon SNS)**

○ **AWS Lambda**

⭐ Question 48:

A start-up would like to monitor its cost on the AWS Cloud and would like to choose an optimal Savings Plan. As a Cloud Practitioner, which AWS service would you use?

○ **AWS Pricing Calculator**

○ **AWS Cost & Usage Report (AWS CUR)**

○ **AWS Cost Explorer**

○ **AWS Budgets**

⭐ Question 49:

Which security control tool can be used to deny traffic from a specific IP address?

○ **Security Group**

○ **VPC Flow Logs**

○ **Network Access Control List (network ACL)**

○ **Amazon GuardDuty**

⭐ Question 50:

Which of the following options are the benefits of using AWS Elastic Load Balancing (ELB)? (Select TWO)

- ☐ **Fault tolerance**

- ☐ **High availability**

- ☐ **Storage**

- ☐ **Agility**

- ☐ **Less costly**

⭐ Question 51:

Which Amazon Elastic Compute Cloud (Amazon EC2) Auto Scaling feature can help with fault tolerance?

- ○ **Replacing unhealthy Amazon EC2 instances**

- ○ **Lower cost by adjusting the number of Amazon EC2 instances**

- ○ **Distributing load to Amazon EC2 instances**

- ○ **Having the right amount of computing capacity**

⭐ Question 52:

Which of the following are the best practices when using AWS Organizations? (Select TWO)

- [ ] **Do not use AWS Organizations to automate AWS account creation**

- [ ] **Restrict account privileges using Service Control Policies (SCP)**

- [ ] **Never use tags for billing**

- [ ] **Disable AWS CloudTrail on several accounts**

- [ ] **Create AWS accounts per department**

⭐ Question 53:

A brand-new startup would like to remove its need to manage the underlying infrastructure and focus on the deployment and management of its applications. Which type of cloud computing does this refer to?

- ( ) **Platform as a Service (PaaS)**

- ( ) **On-premises**

- ( ) **Infrastructure as a Service (IaaS)**

- ( ) **Software as a Service (SaaS)**

⭐ Question 54:

A multinational company has just moved its infrastructure to AWS Cloud and has employees traveling to different offices around the world. How should the company set the AWS accounts?

○ **There is nothing to do, AWS Identity and Access Management (AWS IAM) is a global service**

○ **Create global permissions so users can access resources from all around the world**

○ **Create an IAM user for each user in each AWS region**

○ **As employees travel, they can use other employees' accounts**

⭐ Question 55:

Which AWS tool can provide best practice recommendations for performance, service limits, and cost optimization?

○ **Amazon Inspector**

○ **AWS Trusted Advisor**

○ **AWS Health Dashboard - Service health**

○ **Amazon CloudWatch**

⭐ Question 56:

An organization would like to copy data across different Availability Zones (AZs) using Amazon EBS snapshots. Where are Amazon EBS snapshots stored in the AWS Cloud?

○ **Amazon Elastic Compute Cloud (Amazon EC2)**

○ **Amazon Simple Storage Service (Amazon S3)**

○ **Amazon Elastic File System (Amazon EFS)**

○ **Amazon Relational Database Service (Amazon RDS)**

⭐ Question 57:

Which of the following AWS Support plans is the MOST cost-effective when getting enhanced technical support by Cloud Support Engineers?

○ **AWS Developer Support**

○ **AWS Basic Support**

○ **AWS Business Support**

○ **AWS Enterprise Support**

⭐ Question 58:

Which of the following statements is an AWS best practice when architecting for the Cloud?

○ **Security comes last**

○ **Close coupling**

○ **Automation**

○ **Servers, not services**

⭐ Question 59:

A research lab needs to be notified in case of a configuration change for security and compliance reasons. Which AWS service can assist with this task?

○ **AWS Config**

○ **Amazon Inspector**

○ **AWS Trusted Advisor**

○ **AWS Secrets Manager**

⭐ Question 60:

Which of the following AWS services can be used to generate, use, and manage encryption keys on the AWS Cloud?

○ **AWS Secrets Manager**

○ **Amazon Inspector**

○ **AWS CloudHSM**

○ **AWS GuardDuty**

⭐ Question 61:

A developer would like to automate operations on his on-premises environment using Chef and Puppet. Which AWS service can help with this task?

○ **AWS OpsWorks**

○ **AWS CloudFormation**

○ **AWS Batch**

○ **AWS CodeDeploy**

⭐ Question 62:

Which of the following criteria are used to calculate the charge for Amazon EBS Volumes? (Select Two)

☐ **Provisioned IOPS**

☐ **The Amazon EC2 instance type the Amazon EBS Elastic volume is attached to**

☐ **Volume type**

☐ **Data transfer IN**

☐ **Data type**

⭐ Question 63:

A company would like to separate cost for AWS services by the department for cost allocation. Which of the following is the simplest way to achieve this task?

○ **Create different accounts for different departments**

○ **Create one account for all departments and share this account**

○ **Create tags for each department**

○ **Create different virtual private cloud (VPCs) for different departments**

⭐ Question 64:

A company needs to keep sensitive data in its own data center due to compliance but would still like to deploy resources using AWS. Which Cloud deployment model does this refer to?

○ **On-premises**

○ **Private Cloud**

○ **Hybrid Cloud**

○ **Public Cloud**

⭐ Question 65:

According to the AWS Well-Architected Framework, which of the following action is recommended in the Security pillar?

○ **Use Amazon CloudWatch to measure overall efficiency**

○ **Use AWS Cost Explorer to view and track your usage in detail**

○ **Use AWS Key Management Service (AWS KMS) to encrypt data**

○ **Use AWS CloudFormation to automate security best practices**