AWS Cloud Practitioner - Test -02

Total points 63/81 ?

Name *

Divyansh Kumbhat

Email *

divyanshkumbhat@gmail.com

Batch # *   ⊙ Dropdown

A2   ▾

Question 1:

✓   *1/1

Which AWS service helps customers meet corporate, contractual, and regulatory compliance requirements for data security by using dedicated hardware appliances within the AWS Cloud?

- ◯ AWS Directory Service
- ◯ AWS Key Management Service (AWS KMS)
- ⦿ AWS CloudHSM   ✓
- ◯ AWS Secrets Manager

Question 2:

✓   *1/1

A cloud practitioner needs to migrate a 70 TB of data from an on-premises data center into the AWS Cloud. The company has a slow and unreliable internet connection.

Which AWS service can the cloud practitioner leverage to transfer the data?

- ◯ Amazon S3 Glacier
- ◯ AWS Storage Gateway
- ⦿ AWS Snowball   ✓
- ◯ AWS DataSync

⑦

✓ Question 3: *1/1

Which AWS hybrid storage service enables a user's on-premises applications to seamlessly use AWS Cloud storage?

○ Amazon Connect

◉ AWS Storage Gateway ✓

○ AWS Direct Connect

○ AWS Backup

Question 4:

Which of the statements below is correct in relation to Consolidated Billing? (Select TWO.)

	Select Two	Score	
You receive one bill per AWS account	○	⋯/0	✗
You can combine usage and share volume pricing discounts	◉	1/1	✓
You are charged a fee per user	○	⋯/0	✗
You receive a single bill for multiple accounts	◉	1/1	✓
You pay a fee per linked account	○	⋯/0	✗

Question 5: ✓ *1/1

Which benefit of AWS enables companies to replace upfront fixed expenses with variable expenses when using on-demand technology services?

- ○ Economies of scale
- ○ Global reach
- ○ High availability
- ● Pay-as-you-go pricing ✓

Question 6: ✗ *0/1

A new e-commerce company is looking for an AWS service to send transactional emails, such as order confirmations and password resets, to their customers.

Which AWS service would be most appropriate for this task?

- ● Amazon Simple Notification Service (Amazon SNS) ✗
- ○ Amazon Elastic Compute Cloud (Amazon EC2)
- ○ Amazon Simple Queue Service (Amazon SQS)
- ○ Amazon Simple Email Service (Amazon SES)

Correct answer

- ● Amazon Simple Email Service (Amazon SES)

Question 7:

An application has highly dynamic usage patterns. Which characteristics of the AWS Cloud make it cost-effective for this type of workload? (Select TWO.)

	Select Two	Score	
High availability	◉	⋯/0	✗
Elasticity	○	0/1	✗
Reliability	○	⋯/0	✗
Strict security	○	⋯/0	✗
Pay-as-you-go pricing	◉	1/1	✓

Correct answers

	Select Two
High availability	○

✗ Question 8:   *0/1

Which AWS service is a fully-managed source control service that hosts secure Git-based repositories?

○ AWS CodeCommit

◉ AWS CodeDeploy   ✗

○ AWS CodePipeline

○ AWS CodeBuild

Correct answer

◉ AWS CodeCommit

✓ Question 9:   *1/1

Which service can a Cloud Practitioner use to configure custom cost and usage limits and enable alerts for when defined thresholds are exceeded?

◉ AWS Budgets   ✓

○ AWS Trusted Advisor

○ Cost Explorer

○ Consolidated billing

⑦

Question 10: *1/1

A Service Control Policy (SCP) is used to manage the maximum available permissions and is associated with which of the following?

Service control policies (SCPs) manage permissions for which of the following?

○ Availability Zones

○ AWS Global Infrastructure

◉ AWS Organizations ✓

○ AWS Regions

Question 11: * 1/1

What is the function of Amazon EC2 Auto Scaling?

○ Automatically updates the EC2 pricing model, based on demand.

○ Automatically modifies the network throughput of EC2 instances, based on demand.

○ Scales the size of EC2 instances up or down automatically, based on demand.

◉ Scales the number of EC2 instances in or out automatically, based on demand. ✓

✓ Question 12:   1/1

What can a Cloud Practitioner use the AWS Total Cost of Ownership (TCO) Calculator for

⦿ Estimate savings when comparing the AWS Cloud to an on-premises environment   ✓

◯ Estimate a monthly bill for the AWS Cloud resources that will be used

◯ Generate reports that break down AWS Cloud compute costs by duration, resource, or tags

◯ Enable billing alerts to monitor actual AWS costs compared to estimated costs

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✗ Question 13:   *0/1

How should an organization deploy an application running on multiple EC2 instances to ensure that a power failure does not cause an application outage?

◯ Launch the EC2 instances into Edge Locations

◯ Launch the EC2 instances into different Availability Zones

◯ Launch the EC2 instances into different VPCs

⦿ Launch the EC2 instances in separate regions   ✗

Correct answer

⦿ Launch the EC2 instances into different Availability Zones

✗ Question 14:   *   0/1

Which AWS service can be used to run Docker containers?

( ) Amazon ECR   ✗

( ) Amazon ECS

( ) Amazon AMI

( ) AWS Lambda

Correct answer

(●) Amazon ECS

✗ Question 15:   *0/1

Which AWS dashboard displays relevant and timely information to help users manage events in progress, and provides proactive notifications to help plan for scheduled activities?

( ) AWS Personal Health Dashboard

(●) AWS Service Health Dashboard   ✗

( ) AWS Trusted Advisor dashboard

( ) Amazon CloudWatch dashboard

Correct answer

(●) AWS Personal Health Dashboard

✓ Question 16:

*1/1

According to the AWS shared responsibility model, which task is the customer's responsibility?

- ◉ Updating the guest operating system on Amazon EC2 instances.   ✓
- ○ Maintaining the infrastructure needed to run Amazon DynamoDB.
- ○ Updating the operating system of AWS Lambda instances.
- ○ Maintaining Amazon API Gateway infrastructure.

✗ Question 17:

*0/1

How can an organization gain access to compliance reports natively through the AWS console?

- ◉ AWS Security Hub   ✗
- ○ AWS Certificate Manager (ACM)
- ○ AWS Artifact
- ○ AWS Identity and Access Management (IAM)

Correct answer

- ◉ AWS Artifact

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✓ Question 18: *1/1

A Cloud practitioner wants to know if there are services which can protect from DDoS (Distributed Denial of Service) attacks directed at AWS services.

Which AWS service or tool will provide this protection?

○ Security group

⦿ AWS Shield ✓

○ Network access control list (ACL)

○ Amazon GuardDuty

Question 19:

Which AWS services offer compute capabilities? (Select TWO.)

	Select Two	Score	
Amazon ECS	○	0/1	✗
Amazon DynamoDB	●	⋯/0	✗
Amazon CloudHSM	○	⋯/0	✗
Amazon EFS	○	⋯/0	✗
AWS Lambda	●	1/1	✓

Correct answers

	Select Two
Amazon DynamoDB	○

✓ Question 20:   *1/1

Which Amazon EC2 tool acts as a virtual firewall to control inbound and outbound traffic to an EC2 instance?

○ Network access control list (ACL)

● Security group   ✓

○ AWS Shield

○ AWS WAF

Question 21: * 1/1

✓

AWS are able to continue to reduce their pricing due to:

○ Pay-as-you go pricing

○ Reserved instance pricing

◉ Economies of scale ✓

○ The AWS global infrastructure

Question 22: *1/1

✓

Which AWS service can be used to perform data extract, transform, and load (ETL) operations so you can prepare data for analytics?

◉ AWS Glue ✓

○ Amazon QuickSight

○ Amazon S3 Select

○ Amazon Athena

Question 23: *1/1

✓

How can an organization take advantage of tiered pricing across multiple business units within an organization?

◉ AWS Organizations consolidated billing. ✓

○ All Upfront Reserved Instances.

○ AWS Organizations service control policies (SCPs).

○ Cost Explorer utilization reports.

Question 24:

A Cloud Practitioner wants to configure the AWS CLI for programmatic access to AWS services.

Which credential components are required? (Select TWO.)

	Select Two	Score	
An access key ID	⦿	1/1	✓
A private key	○	···/0	✗
A public key	○	···/0	✗
An IAM Role	○	···/0	✗
A secret access key	⦿	1/1	✓

✓ Question 25:   *1/1

Which of the following best describes an Availability Zone in the AWS Cloud?

○ A subnet for deploying resources into

⦿ One or more physical data centers   ✓

○ A completely isolated geographic location

○ One or more edge locations based around the world

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✓ Question 26:   *1/1

What should a Cloud Practitioner ensure when designing a highly
available architecture on AWS?

○ A single monolithic application component handles all operations.

◉ The failure of a single component should not affect the application.   ✓

○ There are enough servers to run at peak load available at all times.

○ Servers have low-latency and high throughput network connectivity.

✗ Question 27:   *0/1

Which of the following can be used to identify a specific user who
terminated an Amazon RDS DB instance?

○ AWS CloudTrail

○ Amazon CloudWatch

◉ Amazon Inspector   ✗

○ AWS Trusted Advisor

Correct answer

◉ AWS CloudTrail

Question 28:

Which of the following tasks can a user perform to optimize Amazon EC2 costs? (Select TWO.)

	Column 1	Score	
Implement Auto Scaling groups to add and remove instances based on demand.	◉	1/1	✓
Set a budget to limit spending on Amazon EC2 instances using AWS Budgets.	○	⋯/0	✗
Create users in a single Region to reduce the spread of EC2 instances globally.	○	⋯/0	✗
Purchase Amazon EC2 Reserved Instances.	◉	1/1	✓
Create a policy to restrict IAM users from accessing the Amazon EC2 console.	○	⋯/0	✗

✗ Question 29:   *0/1

A corporation with multiple departments each having their own AWS accounts wants to implement a solution to customize billing data to match their specific showback or chargeback business logic. They wish to group accounts with similar financial owners and generate a distinct Cost and Usage Report (CUR) for each group.

Which AWS service should they use to meet these requirements?

- ⊙ AWS Billing and Cost Management   ✗
- ○ AWS Budgets
- ○ AWS Billing Conductor
- ○ AWS Cost Explorer

Correct answer

- ⊙ AWS Billing Conductor

✓ Question 30:   *1/1

A user needs an automated security assessment report that will identify unintended network access to Amazon EC2 instances and vulnerabilities on those instances.

Which AWS service will provide this assessment report?

- ⊙ Amazon Inspector   ✓
- ○ AWS Config
- ○ EC2 security groups
- ○ Amazon Macie

✓ Question 31: *1/1

A company needs a consistent and dedicated connection between AWS resources and an on-premise system.

Which AWS service can fulfill this requirement?

○ AWS Managed VPN

○ AWS DataSync

◉ AWS Direct Connect ✓

○ Amazon Connect

✗ Question 32: *0/1

A small business owner who is not tech-savvy is looking to find AWS certified experts for a short-term project. They need a service that can help them connect with professionals who can offer advice and help implement AWS solutions quickly.

Which AWS service should they use?

○ AWS Support

◉ AWS Marketplace ✗

○ AWS IQ

○ AWS Training and Certification

Correct answer

◉ AWS IQ

Question 33:

✓ **Question 33:**   *1/1

An eCommerce company plans to use the AWS Cloud to quickly deliver new functionality in an iterative manner, minimizing the time to market.

Which feature of the AWS Cloud provides this functionality?

- ● Agility ✓
- ○ Elasticity
- ○ Cost effectiveness
- ○ Fault tolerance

Question 34:

Amazon S3 is typically used for which of the following use cases? (Select TWO.)

	select Two	Score	
Media hosting	●	1/1	✓
Install an operating system	○	⋯/0	✗
In-memory data cache	○	⋯/0	✗
Host a static website	●	1/1	✓
Message queue	○	⋯/0	✗

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Question 35:

Which of the following is an advantage for a company running workloads in the AWS Cloud vs on-premises? (Select TWO.)

	Select Any Two	Score	
Increased productivity for application development teams.	○	0/1	✗
Higher acquisition costs to support elastic workloads.	○	···/0	✗
Less staff time is required to launch new workloads.	●	1/1	✓
Lower overall utilization of server and storage systems.	●	···/0	✗
Increased time to market for new application features.	○	···/0	✗

Correct answers

	Select Any Two
Lower overall utilization of server and storage systems.	○

✗ Question 36: *0/1

A newly founded tech startup is looking for a program that offers AWS credits, training, technical support, and other resources to help them build their business.

Which AWS program would be the best fit for them?

⦿ AWSEducate ✗

◯ AWS Partner Network

◯ AWS Activate for Startups

◯ AWS Marketplace

Correct answer

⦿ AWS Activate for Startups

✓ Question 37: *1/1

According to the shared responsibility model, which security-related task is the responsibility of the customer?

◯ Securing servers and racks at AWS data centers.

◯ Maintaining physical networking configuration.

◯ Maintaining firewall configurations at a hardware level.

⦿ Maintaining server-side encryption. ✓

✓ Question 38: *1/1

A user has limited knowledge of AWS services, but wants to quickly deploy a scalable Node.js application in an Amazon VPC.

Which service should be used to deploy the application?

○ Amazon EC2

⦿ AWS Elastic Beanstalk ✓

○ AWS Cloud Formation

○ Amazon LightSail

✓ Question 39: *1/1

Which AWS service should a Cloud Practitioner use to establish a secure network connection between an on-premises network and AWS?

○ Amazon Virtual Private Cloud (VPC)

⦿ Virtual Private Network ✓

○ AWS Web Application Firewall (WAF)

○ AWS Mobile Hub

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Question 40:

A Cloud Practitioner is re-architecting a monolithic application.

Which design principles for cloud architecture do AWS recommend? (Select TWO.)

	Select Any Two	Score	
Implement loose coupling.	◉	1/1	✓
Use self-managed servers.	○	⋯/0	✗
Design for scalability.	◉	1/1	✓
Rely on individual components.	○	⋯/0	✗
Implement manual scalability.	○	⋯/0	✗

⑦

Question 41:

Which on-premises costs must be included in a Total Cost of Ownership (TCO) calculation

when comparing against the AWS Cloud? (Select TWO)

	Select Any Two	Score	
Operating system administration	○	⋯/0	✗
Database schema development	○	⋯/0	✗
Network infrastructure in the data center	◉	1/1	✓
Project management services	○	⋯/0	✗
Physical compute hardware	◉	1/1	✓

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Question 42:

Which of the following are valid best practices for using the AWS Identity and Access Management (IAM) service? (Select TWO.)

	Select Any Two	Score	
Grant maximum privileges to IAM users.	◯	⋯/0	✗
Create individual IAM users.	◯	0/1	✗
Use inline policies instead of customer managed policies.	◉	⋯/0	✗
Use groups to assign permissions to IAM users.	◉	1/1	✓
Embed access keys in application code.	◯	⋯/0	✗

Correct answers

	Select Any Two
Use inline policies instead of customer managed policies.	◯

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Question 43:

Which of the following should be used to improve the security of access to the AWS Management Console? (Select TWO.)

	Select Any Two	Score	
AWS Certificate Manager	◯	⋯/0	✗
Security group rules	◯	⋯/0	✗
AWS Multi-Factor Authentication (AWS MFA)	◉	1/1	✓
Strong password policies	◉	1/1	✓
AWS Secrets Manager	◯	⋯/0	✗

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Question 44:

A company has a global user base and needs to deploy AWS services that can decrease network latency for their users. Which services may assist? (Select TWO)

	Select Any Two	Score	
Amazon CloudFront	○	0/1	✗
Amazon VPC	○	⋯/0	✗
Application Auto Scaling	○	⋯/0	✗
AWS Global Accelerator	◉	1/1	✓
AWS Direct Connect	○	⋯/0	✗

✗ Question 45:   *0/1

A Cloud Practitioner requires a simple method to identify if unrestricted access to resources has been allowed by security groups.

Which service can the Cloud Practitioner use?

○ VPC Flow Logs

○ Amazon CloudWatch

○ AWS Trusted Advisor

◉ AWS CloudTrail   ✗

Correct answer

◉ AWS Trusted Advisor

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Question 46:

Which benefits can a company immediately realize using the AWS Cloud? (Select TWO.)

	Select Any Two	Score	
No responsibility for security	○	⋯/0	✗
Capital expenses are replaced with variable expenses	◉	1/1	✓
User control of physical infrastructure	○	⋯/0	✗
Increased agility	◉	1/1	✓
Variable expenses are replaced with capital expenses	○	⋯/0	✗

✓ Question 47: *1/1

A Cloud Practitioner noticed that IP addresses that are owned by AWS are being used to attempt to flood ports on some of the company's systems.

To whom should the issue be reported?

○ AWS Partner Network (APN)

○ AWS Technical Account Manager (TAM)

◉ AWS Trust & Safety team ✓

○ AWS Professional Services

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Question 48: ✓ *1/1

A company needs to use third-party software for its workload on AWS.

Is there a feature or service of AWS that the company can use to purchase the software?

- ⦿ AWS Marketplace ✓
- ◯ AWS License Manager
- ◯ AWS Resource Access Manager
- ◯ AWS Managed Services

Question 49: ✓ *1/1

A company is interested in moving its on-premises NoSQL database into the AWS Cloud.

Which AWS service should the company use to replace their existing database?

- ⦿ Amazon DynamoDB ✓
- ◯ Amazon Quantum Ledger Database (Amazon QLDB)
- ◯ Amazon Redshift
- ◯ Amazon RDS for MySQL

✓ Question 50:   *1/1

A company requires a dashboard for reporting when using a business
intelligence solution. Which AWS service can a Cloud Practitioner use?

Which AWS service can be used?

○ Amazon Redshift

○ Amazon Kinesis

○ Amazon Athena

◉ Amazon QuickSight   ✓

Question 51:

According to the AWS Shared responsibility model, which two tasks are the
responsibility of AWS? (Select TWO.)

	Select Any Two	Score	
Provide physical security for Availability Zones.	◉	1/1	✓
Manage customer data.	○	⋯/0	✗
Encrypt client-side data and authenticate data integrity.	○	⋯/0	✗
Perform identity and access management.	○	⋯/0	✗
Patch the operating system of Amazon S3.	◉	1/1	✓

⑦

✓ Question 52:   *1/1

Which AWS-managed service can be used to process vast amounts of data using a hosted Hadoop framework?

○ Amazon Athena

○ Amazon DynamoDB

◉ Amazon EMR   ✓

○ Amazon Redshift

✗ Question 53:   *   0/1

Which AWS service does AWS Snowball Edge natively support?

○ Amazon EC2

◉ AWS Database Migration Service DMS)   ✗

○ AWS Server Migration Service (AWS SMS)

○ AWS Trusted Advisor

Correct answer

◉ Amazon EC2

Question 54:   *1/1 ✓

Which technology can automatically adjust compute capacity as demand for an application increases or decreases?

○ High availability

◉ Auto Scaling   ✓

○ Fault tolerance

○ Load balancing

Question 55:   *1/1 ✓

According to the shared responsibility mode, which security and compliance task is AWS responsible for?

○ Updating operating systems

○ Encrypting data at rest

○ Granting permissions to users and services

◉ Updating Amazon EC2 host firmware   ✓

Question 56:   *1/1 ✓

Which AWS service is used to send both text and email messages from distributed applications?

◉ Amazon Simple Notification Service (Amazon SNS)   ✓

○ Amazon Simple Workflow Service (Amazon SWF)

○ Amazon Simple Queue Service (Amazon SOS)

○ Amazon Simple Email Service (Amazon SES)

✓ Question 57: *1/1

Which AWS service or feature allows a company to receive a single monthly AWS bill when using multiple AWS accounts?

○ Amazon Cloud Directory

○ AWS Cost and Usage report

● Consolidated billing ✓

○ AWS Cost Explorer

✓ Question 58: *1/1

A company is migrating virtual machines (VMs) from their data center to the AWS Cloud. The company plans to deploy these migrated machines on Amazon EC2.

Which cloud computing model will the company use for this operation?

○ Platform as a Service (PaaS)

○ Software as a Service (SaaS)

○ Function as a Service (FaaS)

● Infrastructure as a Service (IaaS) ✓

⑦

Question 59:

A company plan to move the application development to AWS.

Which benefits can they achieve when developing and running applications in the AWS Cloud compared to on-premises? (Select TWO.)

	Select Any Two	Score	
AWS takes care of application security patching.	○	⋯/0	✗
AWS automatically replicates all data globally.	○	⋯/0	✗
AWS makes it easy to implement high availability.	⦿	1/1	✓
AWS can accommodate large changes in application demand.	⦿	1/1	✓
AWS will fully manage the entire application.	○	⋯/0	✗

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Question 60: ✓ *1/1

Which cloud architecture design principle is supported by deploying workloads across multiple Availability Zones?

○ Enable elasticity.

◉ Design for failure. ✓

○ Automate infrastructure.

○ Design for agility.

Question 61: ✗ *0/1

Which AWS service can be used to load data from Amazon S3, transform it, and move it to another destination?

○ Amazon Kinesis

○ AWS Glue

◉ Amazon EMR ✗

○ Amazon RedShift

Correct answer

◉ AWS Glue

Question 62: *1/1

Which AWS service should a Cloud Practitioner use to automate configuration management using Puppet?

- ◉ AWS OpsWorks ✓
- ○ AWS Config
- ○ AWS Systems Manager
- ○ AWS CloudFormation

Question 63: *1/1

Which Amazon EC2 pricing model should be avoided if a workload cannot accept interruption if capacity becomes temporarily unavailable?

- ◉ Spot Instances ✓
- ○ Standard Reserved Instances
- ○ Convertible Reserved Instances
- ○ On-Demand Instances

Question 64:

Which of the following statements are security principles within the AWS Well-Architected Framework? (Select TWO.)

	Select Any Two	Score	
Protect data in transit and at rest.	⦿	1/1	✓
Monitor, alert, and audit actions and changes to AWS resources.	⦿	1/1	✓
Analyze and attribute expenditures.	◯	⋯/0	✗
Deploy globally in minutes.	◯	⋯/0	✗
Perform operations as code.	◯	⋯/0	✗

✓ Question 65:   *1/1

What can be used to allow an application running on an Amazon EC2 instance to securely store data in an Amazon S3 bucket without using long-term credentials?

◯ AWS Systems Manager

◯ Amazon Connect

◯ AWS IAM access key

⦿ AWS IAM role   ✓

Does this item look suspicious? Report