AWS Cloud Practitioner Mock Test

· · ·

Points: 48/65

✓ **Correct** 1/1 Points

1. which AWS service decouple application components so that the components run independently

   *

   ◯ A. Amazon Simple Notification Service (Amazon SNS)

   ◯ B. Amazon Simple Workflow Service(Amazon SWF)

   ◯ C. AWS Glue

   ⦿ D. Amazon Simple Queue Service(Amazon SQS)   ✓

✕ **Incorrect** 0/1 Points

2. Which of the following describes AWS Local Zones?

   *

   ◯ A. A cluster of data centres in one geographic location   ✓

   ◯ B. A site used by Amazon CloudFront to cache frequently accessed content

   ⦿ C. An extension of an AWS Region to more granular locations

◯   D. One or more data centres with redundant power and networking

✓ **Correct** 1/1 Points

3. which AWS service provides storage that can be mounted across multiple amazon ec2 instances

   *

   ◯   A. Amazon Workspaces

   ◉   B. Amazon Elastic File System(Amazon EFS)   ✓

   ◯   C. AWS Database Migration Service(AWS DMS)

   ◯   D. AWS Snowball Edge

✓ **Correct** 1/1 Points

4. A developer is working on enhancing applications at AWS .The developer needs a service that can securely host Git-Hub based code ,repositories, and version controls.

   Which AWS Service should the developer use?

   *

   ◯   A. AWS Code Star

   ◯   B. Amazon Code Guru

   ◉   C. AWS Code Commit   ✓

   ◯   D. AWS Code Pipeline

✕ **Incorrect** 0/1 Points

5. Which AWS benefit enables users to deploy code infrastructure that consists of multiple geographic regions connected by network with low latency ,high throughput and networking

*

○ A. Economic of scale

○ B. Security

○ C. Elasticity

○ D. Global reach   ✓

✓ **Correct** 1/1 Points

6. A company manages Global applications that require static IP addresses which aw service would enable the company to manage the availability and performance of its appliance

*

○ A. Amazon Cloud Front

◉ B. AWS Global Accelerator   ✓

○ C. Amazon S3 Transfer Acceleration

○ D. Amazon API Gateway

✕ **Incorrect** 0/1 Points

7. A company wants to deploy docker application to the AWS cloud .however, the company does not want to manage the underlying servers. Which combination of AWS service should the company use to meet these requirements?(Select TWO)

*

☑ A. Amazon EC2

☐ B. Amazon EC2 Auto Scaling

☐ C. AWS Elastic Beanstalk   ✓

☑ D. Amazon CloudFront

☐ E. AWS fargate   ✓

✓ **Correct** 1/1 Points

8. A company needs to run an application on Amazon ec2 instance. The instance cannot be interpreted any time. The company needs an instance purchasing options that requires no long-term commitment or upfront payment .which instance purchasing option will meet these requirements most cost effectively?

   *

   ⦿ A. On-Demand Instances   ✓

   ◯ B. Spot Instances

   ◯ C. Dedicated Hosts

   ◯ D. Reserved Instances

✓ **Correct** 1/1 Points

9. Which action will provide documentation to help a company evaluate whether its use of the AWS Cloud is compliant with local regulatory standards?
   *

   ◯ A. Running Amazon Guard Duty

   ⦿ B. Using AWS Artifact   ✓

   ◯ C. Creating an AWS Support ticket

   ◯ D. Evaluating AWS CloudTrail logs

✓ **Correct** 1/1 Points

10. A Company discovered unauthorized access to resources in its on-premises data centre .Upon investigation , the company found that the requests originated from a resource hosted on AWS.

    Which AWS team should the company to report this case?

    *

    ○ A. AWS Customer Service Team

    ○ B. AWS Sales team

    ◉ C. AWS Abuse team   ✓

    ○ D. AWS Technical Support team

✗ **Incorrect** 0/1 Points

11. which of the following are design principles of Reliability pillar of the AWS Well-Architected Framework?(Select TWO)

    *

    ☑ A. Perform operations as code

    ☐ B. Stop guessing capacity   ✓

    ☐ C. Adopt server less architecture whenever possible

    ☑ D. Use build and deployment management systems

    ☐ E. Make changes to infrastructure by using automation   ✓

✓ **Correct** 1/1 Points

12. A Company needs a low-code, visual workflow service that developers can use to build distributed applications. which AWS service is designed to meet the requirements?

    *

    ⦿ A. AWS Step Functions   ✓

    ◯ B. AWS Config

    ◯ C. AWS Lambda

    ◯ D. Amazon Cloud watch

    ✓ **Correct** 1/1 Points

13. A Company runs applications that process credit card information .Auditors have asked if the AWS environment has changed since the previous audit. if the AWS environment know how it has changed.

    Which AWS services can provide this information?(Select TWO)

    *

    ☐ A. AWS Artifact

    ☐ B. AWS Trusted Advisor

    ☑ C. AWS Config   ✓

    ☑ D. AWS CloudTrail   ✓

    ☐ E. AWS Identity and Access Management(IAM)

    ✓ **Correct** 1/1 Points

14. A company has existing software licenses that it wants to bring to AWS, but the licensing model requires licensing physical cores.
How can the company meet this requirement in the AWS Cloud?

*

○ A. Launch an Amazon EC2 instance with default tenancy.

◉ B. Launch an Amazon EC2 instance on a Dedicated Host. ✓

○ C. Create an On-Demand Capacity Reservation.

○ D. Purchase Dedicated Reserved Instances.

✓ **Correct** 1/1 Points

15. which tasks require use of the AWS account root user?(Select TWO)

*

☑ A. Changing an AWS Support plan   ✓

☐ B. Modifying an amazon EC2 instance type

☐ C. Grouping resources in AWS System Manager

☐ D. Running applications in amazon elastic Kubernetes service(Amazon EKS)

☑ E. Closing an AWS account   ✓

✓ **Correct** 1/1 Points

16. A company is considering a migration from on premises to the AWS Cloud. The company's IT team needs to offload support of the workload. What should the IT team do to accomplish this goal?

*

○ A. Use Amazon Elastic Container Service (Amazon ECS) on Amazon EC2 instances

○ B. Build hardware refreshes into the operational calendar to ensure availability

C. Use AWS Managed Services to provision run and support the company in infrastructure   ✓

D. Overprovision compute capacity for seasonal events and traffic spikes to prevent downtime

✓ **Correct** 1/1 Points

17. A retail company is building a new mobile app .The company is evaluating whether to build the app at an on-premises data centre or in the AWS cloud. which of the following are benefits of building this app in the AWS cloud?(Select TWO)

*

A. A large ,Upfront capital and low variable expenses

B. Increased speed for trying out new projects   ✓

C. Complete control over the physical security of the infrastructure

D. Flexibility to scale up in minutes as the application becomes popular   ✓

E. Ability to pick the specific data centres that will host the application servers

✓ **Correct** 1/1 Points

18. How does consolidated billing help reduce costs for a company that has multiple AWS accounts?

*

A. It aggregates usage across accounts so that the company can reach volume dis-count thresholds sooner.   ✓

B. It offers an additional 5% discount on purchases of All Upfront Reserved Instances.

C. It provides a simplified billing invoice that the company can process more quickly than a standard invoice.

D. It gives AWS resellers the ability to bill their customers for usage.

✓ **Correct** 1/1 Points

19. A Company needs a low-code, visual workflow service that developers can use, Which Aws service is designed to meet these requirements?

    *

    ⦿ A. AWS Step Functions   ✓

    ◯ B. AWS Config

    ◯ C. AWS lambda

    ◯ D. AWS CloudWatch

✓ **Correct** 1/1 Points

20. A Company needs a centralized, secure way to create and manage cryptographic, keys The company will use the keys access a wide range of AWS services?

    *

    ◯ A. AWS Secrets manager

    ◯ B. AWS License manager

    ◯ C. AWS Systems manager parameter Store

    ⦿ D. AWS Key management Service   ✓

✓ **Correct** 1/1 Points

21. A Company needs to report on events that involve the specific AWS service that the company uses

Which Aws service or resource can the company use with the Amazon CloudWatch to meet this requirement?

*

○ A. Amazon Inspector

○ B. Aws Personal Health Dashboard

○ C. Aws Trusted Advisor

◉ D. Aws CloudTrail Logs ✓

✓ **Correct** 1/1 Points

22. Which characteristics of the AWS Cloud helps users to eliminate underutilized CPU capacity?

*

○ A. Agility

◉ B. Elasticity ✓

○ C. Reliability

○ D. Durability

✓ **Correct** 1/1 Points

23. Which AWS services can use AWS WAF

*

☐ A. Amazon Route 53

☑ B. Amazon CloudFront ✓

C. AWS Transfer Family

D. AWS Site-to-Site VPN

☑ E. Amazon API Gateway   ✓

✓ **Correct** 1/1 Points

24. Which of the following are AWS compute services? Select two

*

☑ A. Amazon Light sail   ✓

B. AWS Systems Manager

C. AWS CloudFront

☑ D. AWS batch   ✓

E. AWS Inspector

✓ **Correct** 1/1 Points

25. A Company needs steady and predictable performance from amazon ec2 instances

Which AWS service or resource will meet these requirements?

*

◯ A. Amazon CloudWatch

◯ B. Application Load balancer

◯ C. AWS Batch

◉ D. Amazon EC2 Auto Scaling   ✓

✓ **Correct** 1/1 Points

26. A Company wants to analyse streaming user data and respond to customer queries?

    Which AWS service can meet these requirements?

    *

    ○ A. Amazon Quick Sight

    ○ B. Amazon RedShift

    ● C. Amazon Kinesis Data Analysis   ✓

    ○ D. AWS Data Pipeline

✓ **Correct** 1/1 Points

27. Which AWS service decouples application components so that the components run independently?

    *

    ○ A. Amazon Simple Notification Service

    ○ B. Amazon Simple Workflow Service

    ○ C. Aws Glue

    ● D. Amazon Simple Queue Service   ✓

✓ **Correct** 1/1 Points

28. Which AWS service can help a company detect an outage of its website servers?
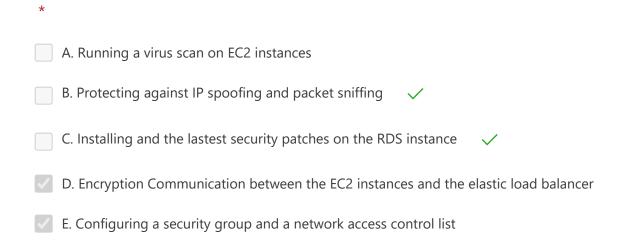
    *

    ○ A. AWS CloudFront

○ B. AWS Guard Duty

◉ C. Amazon Route 53   ✓

○ D. AWS Trusted Advisor

✓ **Correct** 1/1 Points

29. Which of the following is an AWS key-value database offering consistent single-
digit millisecond performance at any scale?
*

○ A. Amazon RDS

○ B. Amazon Aurora

◉ C. Amazon DynamoDB   ✓

○ D. Amazon Redshift

✓ **Correct** 1/1 Points

30. Which AWS service enables the decoupling and scaling applications?

*

◉ A. Amazon Simple Queue Service   ✓

○ B. AWS Outposts

○ C. Amazon S3

○ D. Amazon Simple Email Service

✗ **Incorrect** 0/1 Points

31. A company is developing a new Node.js application. The application must have a scalable NoSQl database to meet increasing demand as the popularity of the application? Which AWS service will meet the requirements for the database?

    *

    ◯ A. Amazon Aurora Serverless

    ◯ B. Amazon ElastiCache   ✓

    ⦿ C. Amazon DynamoDB

    ◯ D. Amazon RedShift

    ✕ **Incorrect** 0/1 Points

32. A web application is hosted on AWS using an Elastic Load Balancer, multiple Amazon Ec2 instances and Amazon RDS, Which security measures fall under the responsibility of AWS? Select two

    *

    ☐ A. Running a virus scan on EC2 instances

    ☐ B. Protecting against IP spoofing and packet sniffing   ✓

    ☐ C. Installing and the lastest security patches on the RDS instance   ✓

    ☑ D. Encryption Communication between the EC2 instances and the elastic load balancer

    ☑ E. Configuring a security group and a network access control list

    ✓ **Correct** 1/1 Points

33. A company needs real-time guidance to follow AWS best practices to save money, improve system performance and close security gaps?

    Which AWS service should the company use?

    *

    ○ A. Amazon Guard Duty

    ◉ B. AWS trusted Advisor   ✓

    ○ C. AWS management Console

    ○ D. AWS Systems Manager

✓ **Correct** 1/1 Points

34. A company needs to store infrequently user data archives and long-term backups.

    Which AWS service or storage class will meet these requirements Most cost-effectively?

    *

    ○ A. Amazon FSX for lustre

    ○ B. Amazon Elastic Block Store

    ○ C. Amazon Elastic File System

    ◉ D.Amazon S3 Glacier Flexible Retrieval   ✓

✓ **Correct** 1/1 Points

35. A Company stores configuration files in an Amazon S3 bucket. These configuration files must be accessed by application that are running on Amazon EC2 instances. According to AWS security best Practices, How should the company grant permissions to allow the applications to access the S3 bucket?

    *

    ○ A· Use the AWS account root user access keys.

    ○ B· Use the AWS access key ID and the EC2 secret access key

    ◉ C· Use an IAM role with the necessary permissions   ✓

    ○ D· Activate multi-factor authentication(MFA) and versioning on the S3 bucket.

✓ **Correct** 1/1 Points

36. A company is moving its office and must establish an encrypted connection to AWS. Which AWS service will help meet this requirement?

    *

    ○ A· AWS VPN   ✓

    ○ B· Amazon Route 53

    ○ C· Amazon API Gateway

    ○ D· Amazon Connect

✕ **Incorrect** 0/1 Points

37. A company wants to secure its consumer web application by SSL/TLS to encrypt traffic:

    which AWS service can the company use to meet this goal?

    *

    ○ A· AWS WAF

    ○ B· AWS Shield

    ◉ C· Amazon VPC

    ○ D· AWS Certificate Manager(ACM)   ✓

✓ **Correct** 1/1 Points

38. A system automatically recovers from failure when a company launches its workload on the AWS Cloud services platform.

    Which pillar of the AWS Well-Architected Framework does this situation demostrate?
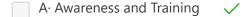
    *

    ⦿ A· Reliability   ✓

    ◯ B· Cost Optimization

    ◯ C· Performance Efficiency

    ◯ D· Operational excellence

✕ **Incorrect** 0/1 Points

39. Which controls are shared under the AWS shared responsibility model?(SELECT TWO)

    *

    ☐ A· Awareness and Training   ✓

    ☐ B· Patching of Amazon RDS

    ☐ C· Configuration management   ✓

    ☑ D· Physical and environment controls

    ☑ E· Service and communications protection or security

✓ **Correct** 1/1 Points

40. Which service enables customers to audit API calls in their AWS accounts?

    *

    ⦿ A· AWS CloudTrail   ✓

⊙ B· AWS Trusted Advisor

⊙ C· Amazon Inspector

⊙ D· AWS X-Ray

✓ **Correct** 1/1 Points

41. What is a AWS Region?

*

⊙ A· A broad set of global, cloud-based products that include compute , storage and databases

⦿ B· A physical location around the world where data centres are clustered   ✓

⊙ C· One or more discrete data centres with redundant power, networking and connectivity

⊙ D· A service that developers use to build applications that deliver latencies of single-digit milliseconds to users

✕ **Incorrect** 0/1 Points

42. Which of the following is an AWS Well-Architected Framework design principle for operational excellence in the AWS Cloud?

*

⊙ A· Go global in minutes

⊙ B· Make frequent, small, reversible changes.   ✓

⊙ C· Implement a strong foundations of identity and access management

⦿ D· Stop spending money on hardware infrastructure of data centre operations

✓ **Correct** 1/1 Points

43. A company with AWS Enterprise Support needs help understanding its monthly AWS bill and wants to implement billing best practices, Which AWS tool or resource is available to accomplish these goals?

    *

    ⚪ A· Resource tagging

    ⦿ B· AWS Concierge Support team   ✓

    ⚪ C· AWS Abuse team

    ⚪ D· AWS Support

    ✓ **Correct** 1/1 Points

44. Which of the following describe some of the core functionality of Amazon S3?

    *

    ⚪ A· Amazon S3 is a high-performance block storage service that is designed for use with Amazon EC2

    ⦿ B· Amazon S3 is an Object storage service that provides high-level performance, se-curity ,scalability and data availability   ✓

    ⚪ C· Amazon S3 is a fully managed, high reliable, and scalable file storage system that is ac-cessible over the industry-standard SMS protocol

    ⚪ D· Amazon S3 is a scalable, fully managed elastic NFS for use with AWS Cloud services and on-premises resources.

    ✓ **Correct** 1/1 Points

45. A company wants a cost-effective option when running its applications in an Amazon EC2 instances for short time periods. The application scan be interrupted.

    Which EC2 instance type will meet these requirements?

    *

A· Spot instances ✓

B· On-Demand Instances

C· Reserved Instances

D· Dedicated Instances

✗ **Incorrect** 0/1 Points

46. Which cloud computing benefit does AWS demonstrate with its ability to offer lower variable costs as a result of high purchase volumes?

*

A· Pay-as-you-go pricing

B· High availability

C· Global reach

D· Economics of scale ✓

✗ **Incorrect** 0/1 Points

47. Which of the following is a way to use Amazon EC2 Auto Scaling groups to scale capacity in the AWS Cloud?

*

A· Scale the number of EC2 instances in or out automatically based on demand

B· Use serverless EC2 instances

C· Scale the size of EC2 instances up or down automatically, based on demand ✓

D· Transfer unused CPU resources between EC2 instances

✓ **Correct** 1/1 Points

48. A company that uses AWS needs to transfer 2 TB of data.

   Which type of transfer of that data would result in no cost for the company?

   *

   ○ A· Inbound data transfer from the internet

   ○ B· Outbound data transfer to the internet

   ○ C· Data transfer between AWS Regions

   ◉ D· Data transfer between Availability Zones   ✓

✓ **Correct** 1/1 Points

49. A company wants to organize its users so that the company can grant permissions to the users as a group.

   Which AWS service or tool can the company use to meet this requirement?

   *

   ○ A· Security groups

   ◉ B· AWS Identity and Access Management(IAM)   ✓

   ○ C· Resources groups

   ○ D· AWS Security Hub

✓ **Correct** 1/1 Points

50. Which AWS service can a company use to analyse and performance issues of an AWS Lambda function?

   *

◯ A· Amazon Inspector

◯ B· Amazon Detective

◯ C· AWS Code Star

◉ D· AWS X-Ray ✓

✓ **Correct** 1/1 Points

51. _____ is the central application in the AWS portfolio.

*

◯ A. Amazon Simple Queue Service

◉ B. Amazon Elastic Compute Cloud ✓

◯ C. Amazon Simple Notification Service

◯ D. All of the above

✕ **Incorrect** 0/1 Points

52. A cloud practitioner needs an Amazon EC2 instance to launch and run for 7 hours without interruptions. What is the most suitable and cost-effective option for this task?

*

◯ A. On-Demand Instance ✓

◯ B. Reserved Instance

◯ C. Dedicated Host

◉ D. Spot Instance

✓ **Correct** 1/1 Points

53. Performing operations as code is a design principle that supports which pillar of the AWS Well-Architected Framework?

   *

   ⊙ A. Performance efficiency

   ⦿ B. Operational excellence   ✓

   ⊙ C. Reliability

   ⊙ D. Security

✗ **Incorrect** 0/1 Points

54. Which design principle is achieved by following the reliability pillar of the AWS Well-Architected Framework?

   *

   ⊙ A. Vertical scaling

   ⦿ B. Manual failure recovery

   ⊙ C. Testing recovery procedures   ✓

   ⊙ D. Changing infrastructure manually

✓ **Correct** 1/1 Points

55. With AWS Relational database service (RDS), which of the following are you responsible for?

   *

   ⊙ A. Operating system installation and patching

   ⊙

B. Scaling

C. Database backups

D. Database software installation and patching

E. The optimization of your application using RDS

F. All of these　✓

✓ **Correct** 1/1 Points

56. Which of the following AWS Support plans provide access to online self paced labs for training staff?

*

A. Enterprise　✓

B. Business

C. Basic

D. Developer

✓ **Correct** 1/1 Points

57. Which of the following terms applies to ec2 instances that have the ability to burst above the baseline level of their CPU performance?

*

A. Compute Optimized

B. Fixed Performance

C. General Purpose

D. Memory Optimized

E. Burstable Performance　✓

✓ **Correct** 1/1 Points

58. Which of these allows you to connect BPCs from same or different AWS accounts(across regions) to enable private

    communication between the connected VPCs?

    *

    ⦿ A.VPC peering   ✓

    ◯ B.VPC flow logs
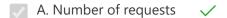
    ◯ C.AWS direct connect

    ◯ D.Security group

✕ **Incorrect** 0/1 Points

59. Upon which of these measurements is AWS Lambda pricing based?(Select all that apply)

    *

    ☑ A. Number of requests   ✓

    ☑ B. Duration   ✓

    ☑ C. Memory

    ☑ D. Data transfer

✕ **Incorrect** 0/1 Points

60. Your Project Manager needs to know the daily spend of the company's AWS account over the last 60 days to consider creating and implementing cost-effective measures. What should you do?

*

○ A. Direct him to spend view in AWS cost explorer   ✓

○ B. Direct him to monthly spend by linked account view in AWS cost explorer

○ C. Direct him to monthly spend by service view in AWS cost explorer

◉ D. Direct him to AWS budgets

✓ **Correct** 1/1 Points

61. Which of the following best describes a resource group?

*

○ A. A resource group is a collection of resources of the same type (EC2,S3,etc.) that are de-ployed in the same availability zone.

◉ B. A resource group is a collection of resources that share one or more tags   ✓

○ C. A resource group is a collection of resources of that same type(EC2, S3,etc.) that share one or more tags or portions of tags.

○ D. A resource group is a collection of resources that are deployed in the same availability zone

✓ **Correct** 1/1 Points

62. Which of the following types of ec2 instances is ideal for workloads that process large data sets in memory?

*

○ A. Compute optimized

○ B. Accelerated computing

C. Memory Optimized   ✓

D. General purpose

E. Storage optimized

✕ **Incorrect** 0/1 Points

63. Which of the following types of AWS accounts have access to AWS Trusted Advisor

*

A. Basic

B. Business and Enterprise

C. Basic, Developer, Business, and Enterprise   ✓

D. Basic and Developer

E. Developer, Business and Enterprise

F. Basic, Professional, Developer, Business, Enterprise

✕ **Incorrect** 0/1 Points

64. Which of the following accurately describes the function of the AWS cost explorer?

*

A. The AWS Cost Explorer is a tool for consolidating billing between multiple AWS accounts

B. The AWS Cost Explorer is used to estimate the anticipated AWS bill.

C. The AWS Cost Explorer is a free, easy to used tool that allows for viewing charts   ✓
and usage history in order to manage AWS costs over time

D. The AWS Cost explorer is a free tool that allows for an estimation of the cost savings to
be had by migrating to the AWS Cloud from an on-premises data center.

✓ **Correct** 1/1 Points

65. In regard to AWS Organizations which of the following is true?

*

○ A. AWS Organization do not provide consolidated billing for multiple AWS accounts

◉ B. AWS Organization provides policy-based management for multiple AWS Accounts.   ✓

○ C. AWS Organization do not enable centrally managing the use of AWS services.

○ D. AWS Organization do not enable centrally managing policies across multiple AWS accounts.

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