AWS CP - Practice Test 2

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Points: **28/65**

✓ **Correct** 1/1 Points

1. A company wants to host a self-managed database in AWS. How would you ideally implement this solution? *

○ Using the AWS DynamoDB service

○ Using the AWS RDS service

◉ Hosting a database on an EC2 Instance ✓

○ Using the Amazon Aurora service

✓ **Correct** 1/1 Points

2. Which of the following is a compatible MySQL database which also can grow in storage size on its own? *

◉ Aurora ✓

○ DynamoDB

○ RDS Microsoft SQL Server

○ RDS MySQL

✓ **Correct** 1/1 Points

3. Which of the following statements are TRUE when it comes to elasticity. Choose 2 answers from the options given below: *

☑ Diverting traffic to instances based on the demand ✓

☑ Diverting traffic to instances with the least load ✓

☐ Diverting traffic across multiple regions

☐ Diverting traffic to instances with higher capacity

✓ **Correct** 1/1 Points

4. Which of the following is the concept of the Elastic load balancer? *

◉ To distribute traffic to multiple EC2 Instances ✓

○ To scale up EC2 Instances

○ To distribute traffic to AWS resources across multiple regions

○ To increase the size of the EC2 Instance based on demand

✗ **Incorrect** 0/1 Points

5. Which of the following is the concept of Auto Scaling? *

○ To scale up resources based on demand ✓

○ To distribute traffic to multiple EC2 Instances

○ To distribute traffic to AWS resources across multiple regions

◉ To increase the size of the EC2 Instance based on demand

✕ **Incorrect** 0/1 Points

6. Which of the following is used to derive the costs for moving artefacts from on-premise to AWS? *

   ◯ AWS TCO calculator   ✓

   ◯ AWS Config

   ⦿ AWS Cost Explorer

   ◯ AWS Consolidating billing

✓ **Correct** 1/1 Points

7. Which of the following is the responsibility of the customer when ensuring that data on EBS volumes is left safe? *

   ◯ Deleting the data when the device is destroyed

   ⦿ Creating EBS snapshots   ✓

   ◯ Attaching volumes to EC2 Instances

   ◯ Creating copies of EBS Volumes

✓ **Correct** 1/1 Points

8. Which of the following can be used to call AWS services from programming languages? *

   ⦿ AWS SDK   ✓

   ◯ AWS Console

   ◯ AWS CLI

   ◯ AWS IAM

✓ **Correct** 1/1 Points

9. Which of the following is the secure way of using AWS API to call AWS services from EC2 Instances? *

○ IAM Users

◉ IAM Roles   ✓

○ IAM Groups

○ IAM policies

✕ **Incorrect** 0/1 Points

10. Which of the following are 2 ways AWS provides to link accounts? *

☐ Consolidated Billing   ✓

☑ AWS Organizations   ✓

☐ Cost Explorer

☑ IAM

✓ **Correct** 1/1 Points

11. Which of the following helps in DDos protection? Choose 2 answers from the options given below *

☑ CloudFront   ✓

☑ AWS Shield   ✓

☐ AWS EC2

☐ AWS Config

✓ **Correct** 1/1 Points

12. Which of the following services can be used as a web application firewall in AWS?
    *

  ⚪ AWS EC2

  ⦿ AWS WAF   ✓

  ⚪ AWS Firewall

  ⚪ AWS Protection

✓ **Correct** 1/1 Points

13. You want to add an extra layer of protection to the current authentication
    mechanism of user names and passwords for AWS. Which of the following can
    help in this regard? *

  ⚪ Using Password Policies

  ⚪ Using a mix of user names

  ⚪ Using AWS WAF

  ⦿ Using MFA   ✓

✗ **Incorrect** 0/1 Points

14. Which of the following disaster recovery deployment mechanisms that has the
    lowest downtime? *

  ⚪ Pilot light

  ⚪ Warm standby   ✓

  ⦿ Backup Restore

  ⚪ DevOps

✓ **Correct** 1/1 Points

15. Which of the following services in AWS allows for object level storage on the cloud? *

○ Amazon EBS

○ Amazon Storage gateway

◉ Amazon S3   ✓

○ Amazon SQS

✕ **Incorrect** 0/1 Points

16. Which of the following can be attached to EC2 Instances to store data? *

○ Amazon Glacier

○ Amazon EBS Volumes   ✓

○ Amazon EBS Snapshots

◉ Amazon SQS

✓ **Correct** 1/1 Points

17. Which of the following networking component can be used to host EC2 resources in the AWS Cloud? *

○ AWS Trusted Advisor

◉ AWS VPC   ✓

○ AWS Elastic Load Balancer

○ AWS Autoscaling

✕ **Incorrect** 0/1 Points

18. Your company is planning to host resources in the AWS Cloud. They want to use services which can be used to decouple resources hosted on the cloud. Which of the following services can help fulfil this requirement? *

○ AWS EBS Volumes

○ AWS EBS Snapshots

◉ AWS Glacier

○ AWS SQS   ✓

✓ **Correct** 1/1 Points

19. Which of the following components of the CloudFront service can be used to distribute contents to users across the globe? *

○ Amazon VPC

○ Amazon Regions

○ Amazon Availability Zones

◉ Amazon Edge locations   ✓

✕ **Incorrect** 0/1 Points

20. Your company is planning to move to the AWS Cloud. You need to give a presentation on the cost perspective when moving existing resources to the AWS Cloud. When it comes to Amazon EC2, which of the following is an advantage when it comes to the cost perspective? *

◉ Having the ability of automated backups of the EC2 instance, so that you don't need to worry about the maintenance costs.

○ The ability to choose low cost AMI's to prepare the EC2 Instances

○ The ability to only pay for what you use

○

✓

○ Ability to tag instances to reduce the overall cost

✕ **Incorrect** 0/1 Points

21. Your company is planning on moving to the AWS Cloud. Once the movement to the Cloud is complete, they want to ensure that the right security settings are put in place. Which of the below tools can assist with security compliance. Choose 2 answers from the options given below: *

☑ AWS Inspector   ✓

☐ AWS Trusted Advisor   ✓

☑ AWS Support

☐ AWS Kinesis

✕ **Incorrect** 0/1 Points

22. There is a requirement to collect important metrics from AWS RDS and EC2 Instances. Which of the following services can help fulfil this requirement? *

◉ Amazon CloudFront

○ Amazon CloudSearch

○ Amazon CloudWatch   ✓

○ Amazon Config

✕ **Incorrect** 0/1 Points

23. Which of the following services can provide a complete audit trail of all AWS services used within an account? *

○ AWS Trusted Advisor

◯   Amazon EC2 instance usage report

⦿   Amazon CloudWatch

◯   AWS Cloud Trail logs   ✓

✓ **Correct** 1/1 Points

24. Which of the following service is most useful when a Disaster Recovery method is triggered in AWS? *

⦿   Amazon Route 53   ✓

◯   Amazon SNS

◯   Amazon SQS

◯   Amazon Inspector

✗ **Incorrect** 0/1 Points

25. Which of the following can be used to work with AWS services in a programmatic manner? *

◯   AWS PowerShell

⦿   AWS Bash

◯   AWS CLI   ✓

◯   AWS Console

✓ **Correct** 1/1 Points

26. When designing a system, you use the principle of "design for failure and nothing will fail". Which of the following services/features of AWS can assist in supporting this design principle? Choose 3 answers from the options given below: *

☑   Availability Zones   ✓

☑ Regions ✓

☑ Elastic Load Balancer ✓

☐ Pay as you go

✗ **Incorrect** 0/1 Points

27. Currently your organization has an operational team that takes care of ID management in their on-premise data center. They now also need to manage users and groups created in AWS. Which of the following AWS tools would they need to use for performing this management function? *

◉ AWS Config

◯ AWS Cloud Trail

◯ AWS Key Management Service (AWS KMS)

◯ AWS Identity and Access Management (IAM) ✓

✗ **Incorrect** 0/1 Points

28. You have a DevOps team in your current organization structure. They are keen to know if there is any service available in AWS which can be used to manage infrastructure as code. Which of the following can be met with such a requirement? *

◯ Using AWS CloudFormation ✓

◉ Using AWS Config

◯ Using AWS Inspector

◯ Using AWS Trusted Advisor

✓ **Correct** 1/1 Points

29. Which of the following services is a fully managed, petabyte-scale data warehouse service in the AWS cloud? *

    ⦿ Amazon Redshift   ✓

    ◯ Amazon DynamoDB

    ◯ Amazon ElastiCache

    ◯ Amazon Aurora

✕ **Incorrect** 0/1 Points

30. Which of the following is the responsibility of AWS according to the Shared Security Model? Choose 3 answers from the options given below: *

    ☑ Managing AWS Identity and Access Management (IAM)

    ☐ Securing edge locations   ✓

    ☑ Monitoring physical device security   ✓

    ☑ Implementing service organization Control (SOC) standards   ✓

✕ **Incorrect** 0/1 Points

31. Your company has just started using the resources on the AWS Cloud. They want to get an idea on the costs being incurred so far for the resources being used. How can this be achieved? *

    ⦿ By going to the Amazon EC2 dashboard. Here you can see the costs of the running EC2 resources.

    ◯ By using the AWS Cost and Usage reports Explorer. Here you can see the running and forecast costs.   ✓

    ◯ By using the AWS Trusted Advisor dashboard. This dashboard will give you all the costs.

    ◯ By seeing the AWS Cloud Trail logs.

✕ **Incorrect** 0/1 Points

32. By default, who from the below roles has complete administrative control over all resources in the respective AWS account? *

    ◯ AWS Support Team

    ◯ AWS Account Owner ✓

    ⦿ AWS Security Team

    ◯ AWS Technical Account Manager (TAM)

✓ **Correct** 1/1 Points

33. Your design team is planning to design an application that will be hosted on the AWS Cloud. One of their main non-functional requirements is given below. Reduce inter-dependencies so failures do not impact other components. Which of the following concepts does this requirement relate to? *

    ◯ Integration

    ⦿ Decoupling ✓

    ◯ Aggregation

    ◯ Segregation

✓ **Correct** 1/1 Points

34. Which of the following can be used to increase the fault tolerance of an application? *

    ◯ Deploying resources across

    ◯ Deploying resources across multiple VPC's

    ⦿ Deploying resources across multiple Availability Zones ✓

    ◯ Deploying resources across multiple AWS Accounts

✗ **Incorrect** 0/1 Points

35. Which of the following security requirements are managed by AWS? Select 3 answers from the options given below: *

☐ Password Policies

☑ User permissions

☑ Physical security ✓

☐ Disk disposal ✓

☑ Hardware patching ✓

✓ **Correct** 1/1 Points

36. Which of the following terms relate to "creating systems that scale to the required capacity based on changes in demand"? *

◯ Disaster Recovery

◉ Elasticity ✓

◯ Decoupling

◯ Aggregation

✗ **Incorrect** 0/1 Points

37. Your company is planning to offload some of the batch processing workloads on to AWS. These jobs can be interrupted and resumed at any time. Which of the following instance types would be the most cost effective to use for this purpose? *

◯ On-Demand

◯ Spot ✓

    ◯ Full Upfront Reserved

    ◉ Partial Upfront Reserved

✕ **Incorrect** 0/1 Points

38. Which of the following needs a user name and password to access AWS resources? *

    ◯ AWS Management Console   ✓

    ◉ AWS Application Programming Interface (API)

    ◯ AWS Software Development Kit (SDK)

    ◯ AWS CLI

✓ **Correct** 1/1 Points

39. Your company is planning to use the AWS Cloud, but there is a management decision that resources need to split department-wise, and the decision is tending towards managing multiple AWS accounts. Which of the following would help in effective management, and also provide an efficient costing model? *

    ◉ AWS organizations   ✓

    ◯ Amazon Dev Pay

    ◯ AWS Trusted Advisor

    ◯ AWS Cost Explorer

✓ **Correct** 1/1 Points

40. Which of the following can be used as an additional layer of security in addition to using a user name and password when logging into the AWS Console? *

    ◉ Multi-Factor Authentication (MFA)   ✓

○ Secondary password

○ Root access privileges

○ Secondary user name

✕ **Incorrect** 0/1 Points

41. Which AWS Cloud service helps in quick deployment of resources which can make use of different programming languages such as .Net and Java? *

○ AWS Elastic Beanstalk ✓

◉ AWS Elastic Compute Cloud (Amazon EC2)

○ AWS VPC

○ AWS SQS

✓ **Correct** 1/1 Points

42. Your company handles a crucial ecommerce application. This application needs to have an uptime of at least 99.5%. There is a decision to move the application to the AWS Cloud. Which of the following deployment strategies can help build a robust architecture for such an application? *

○ Deploying the application across multiple VPC's

◉ Deploying the application across multiple Regions ✓

○ Deploying the application across Edge locations

○ Deploying the application across multiple subnets

✕ **Incorrect** 0/1 Points

43. Which of the following initiatives from AWS helps organizations reduce the overall expenditure for IT companies when they host resources on the AWS Cloud? *

○ They decommission older hardware

○ They continually reduce the cost of cloud computing ✓

◉ They use better security mechanisms, so you don't need to think about security at all

○ They allow deployment of multiple resources

✕ **Incorrect** 0/1 Points

44. You are planning on deploying a video-based application onto the AWS Cloud. These videos will be accessed by users across the world. Which of the below services can help stream the content in an efficient manner to the users across the globe? *

○ Amazon SES

◉ Amazon CloudTrail

○ Amazon CloudFront ✓

○ Amazon S3

✓ **Correct** 1/1 Points

45. Which of the following is a fully managed NoSQL database service available in AWS? *

◉ AWS DynamoDB ✓

○ AWS RDS

○ AWS Redshift

○ AWS MongoDB

✓ **Correct** 1/1 Points

46. Which of the following storage options is best when you want to store archive data? *

○ Amazon Storage Gateway

◉ Amazon Glacier ✓

○ Amazon EBS

○ Amazon S3

✗ **Incorrect** 0/1 Points

47. If there is a requirement to host EC2 Instances in the AWS Cloud wherein the utilization is guaranteed to be consistent for a long period of time, which of the following would you utilize to ensure costs are minimized? *

○ Reserved instances ✓

◉ On-demand instances

○ Spot instances

○ Regular instances

✗ **Incorrect** 0/1 Points

48. Which of the following services helps provide a dedicate connection from on-premise infrastructure to resources hosted in the AWS Cloud? *

◉ AWS VPC

○ AWS VPN

○ AWS Direct Connect ✓

○ AWS Subnets

✓ **Correct** 1/1 Points

49. Which of the following is not a category recommendation given by the AWS Trusted Advisor? *

○ Security

◉ High Availability   ✓

○ Cost Optimization

○ Performance

○ Fault tolerance

✕ **Incorrect** 0/1 Points

50. A company is deploying a two-tier, highly available web application to AWS. The application needs a storage layer to store artifacts such as photos and videos. Which of the following services can be used as the underlying storage mechanism? *

◉ Amazon EBS volume

○ Amazon S3   ✓

○ Amazon EC2 instance store

○ Amazon RDS instance

✕ **Incorrect** 0/1 Points

51. When giving permission to users via the AWS Identity and Access Management tool, which of the following principles should be applied when granting permissions? *

○ Principle of least privilege   ✓

◉ Principle of greatest privilege

    ⚪ Principle of most privilege

    ⚪ Principle of lower privilege

    ✗ **Incorrect** 0/1 Points

52. Which of the below mentioned services is equivalent to hosting virtual servers on an on-premise location? *

    ⦿ AWS IAM

    ⚪ AWS Server

    ⚪ AWS EC2   ✓

    ⚪ AWS Regions

    ✗ **Incorrect** 0/1 Points

53. You have a set of EC2 Instances hosted on the AWS Cloud. The EC2 Instances are hosting a web application. If you get a DDos attack from the internet, which of the following can help in reducing the overall threat to your EC2 Instances? Choose 2 answers from the options given below: *

    ☑ Usage of Security Groups   ✓

    ☑ Usage of AWS Config

    ☐ Usage of Network Access Control Lists   ✓

    ☐ Usage of the Internet gateway

    ✗ **Incorrect** 0/1 Points

54. Your company currently uses VM Templates to spin up virtual machines on their on-premise infrastructure. Which of the following can be used in a similar way to spin up EC2 instances on the AWS Cloud? *

    ⚪ EBS Volumes

○ EBS Snapshots

○ Amazon Machines Images   ✓

○ Amazon VMware

✓ **Correct** 1/1 Points

55. Which of the below cannot be used to get data onto Amazon Glacier? *

○ AWS Glacier API

◉ AWS Console   ✓

○ AWS Glacier SDK

○ AWS S3 Lifecycle policies

✓ **Correct** 1/1 Points

56. Your company is planning to pay for an AWS Support plan. They have the following requirements as far as the support plan goes:
• 24x7 access to Cloud Support Engineers via email, chat & phone
• A response time of less than 1 hour for any critical faults
Which of the following plans will suffice keeping in mind the cost factor? *

○ Basic

○ Developer

○ Business

◉ Enterprise   ✓

✗ **Incorrect** 0/1 Points

57. Which of the following are features of an edge location? Choose 3 answers from the options given below: *

Distribute content to users   ✓

☑ Cache common responses   ✓

☐ Distribute load across multiple resources

☑ Used in conjunction with the CloudFront service   ✓

✕ **Incorrect** 0/1 Points

58. Which of the following storage options provides the option of Lifecycle policies that can be used to move objects to archive storage? *

○ Amazon S3   ✓

◉ Amazon Glacier

○ Amazon Storage Gateway

○ Amazon EBS

✕ **Incorrect** 0/1 Points

59. Which of the following features of Amazon RDS allows for better availability of databases. Choose 2 answers from the options given below: *

☑ VPC Peering

☑ Multi-AZ   ✓

☐ Read Replicas   ✓

☐ Multi-Region

✕ **Incorrect** 0/1 Points

60. There is a requirement hosting a set of servers in the Cloud for a short period of 6 months. Which of the following types of instances should be chosen to be cost effective? *

○ Spot Instances

○ On-Demand   ✓

○ No Upfront costs Reserved

○ Partial Upfront costs Reserved

✕ **Incorrect** 0/1 Points

61. Which of the following from AWS can be used to transfer petabytes of data from on-premise locations to the AWS Cloud? *

○ AWS Import/Export

⦿ AWS EC2

○ AWS Snowball   ✓

○ AWS Transfer

✕ **Incorrect** 0/1 Points

62. When working with the AWS Cloud which of the following are headaches you don't need to worry about? Choose 2 answers from the options given below. *

☐ Having complete control over the physical infrastructure, so you don't need to worry about what AWS is doing.

☑ Having the pay as you go model, so you don't need to worry if you are burning costs for non-running resources.   ✓

☐ No Upfront costs   ✓

☐ Having no need to worry about security

✓ **Correct** 1/1 Points

63. Your company wants to move an existing Oracle database to the AWS Cloud. Which of the following services can help facilitate this move? *

◉ AWS Database Migration Service   ✓

◯ AWS VM Migration Service

◯ AWS Inspector

◯ AWS Trusted Advisor

✕ **Incorrect** 0/1 Points

64. Which of the following features of AWS RDS allows for offloading reads of the database? *

◯ Cross region replication

◯ Creating Read Replicas   ✓

◉ Using snapshots

◯ Using Multi-AZ feature

✕ **Incorrect** 0/1 Points

65. Which of the following terms refers to another geographic location in AWS? *

◯ Availability Zone

◉ Data center

◯ Region   ✓

◯ Edge location

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