

Final Assessment - 2

Date 20-JAN-2022

Ques No : 01

Which of the following statements regarding billing, cost optimization, and cost management in AWS is accurate?

- ☐ The AWS Pricing Calculator will work out a revised bill that can reduce the overall spend by 60% if you commit to a long-term usage plan.
- ☐ When using Savings Plans, 72% of savings can be made on Amazon EC2, AWS Fargate, and AWS Lambda usage.
- ☐ In AWS Budgets, utilizing Cost and Usage budgets will optimize and reduce the overall spend by 79%.
- ☐ When considering migrating to the cloud, the AWS Total Cost of Ownership (TCO) calculator is guaranteed to save up to 80% of the cost of running on-premise infrastructure.

Ques No : 02

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?

- ☐ The ability to only pay for what you use
- ☐ Ability to tag instances to reduce the overall cost
- ☐ The ability to choose low-cost AMI's to prepare the EC2 Instances
- ☐ Having the ability of automated backups of the EC2 instance, so that you don't need to worry about the maintenance costs.

Ques No : 03

Which of the following is the responsibility of AWS according to the Shared Security Model? Choose any three.

- ☐ Managing AWS Identity and Access Management (IAM)
- ☐ Securing edge locations
- ☐ Monitoring physical device security
- ☐ Implementing service organization Control (SOC) standards

Ques No : 04

Which of the following statements best describe the AWS Personal Health Dashboard? Choose any two.

- ☐ A concise representation of the general status of AWS services
- ☐ User-specific view on the availability and performance of AWS services, underlying their AWS resources.
- ☐ A service that prompts the user with alerts and notifications on AWS scheduled activities, pending issues, and planned changes.
- ☐ A minute-by-minute update of system outages and service errors on the AWS global infrastructure
- ☐ A rolling log of all service interruptions across the AWS network and records of incidents persistent for a year

Ques No : 05

A department in an organisation has a stipulated monthly expenditure limit on their AWS account and is anxious about exceeding it. How best can they allay this concern?

- ☐ Under Billing Preferences > Cost Management Preferences, they should tick the Receive Free Tier Usage Alerts checkbox.
- ☐ Regularly review their Billing and Cost management dashboard during the course of the month in the management console.
- ☐ In AWS CloudWatch they ought to create an alarm that triggers each time the services bill surpasses the limit.
- ☐ In AWS Budgets, creating an email alert based on the budget parameters would suffice.

Ques No : 06

Your company is planning on moving to the AWS Cloud. Once they move 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 from Security compliance? Choose any two.

☐ AWS Inspector

☐ AWS Trusted Advisor

☐ AWS Support

☐ AWS Kinesis

Ques No : 07

A weather tracking system is designed for tracking weather conditions of any particular flight route. Flight travellers all over the world make use of this information prior to booking their flights. Travellers expect quick turnaround time in which the weather display & flight booking will happen which is critical to their business. You have designed this website and are using AWS Route 53 DNS. The routing policy that you will apply to this website is

- ☐ GeoLocation routing policy
- ☐ Failover routing policy
- ☐ Multivalue answer routing policy
- ☐ Latency based routing policy

Ques No : 08

Which of the following can be used as an additional layer of security 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

Ques No : 09

Which of the following features can be used to preview changes to be made to AWS resource which will be deployed using AWS CloudFormation template?

- ☐ AWS CloudFormation Intrinsic Functions
- ☐ AWS CloudFormation Stack Sets
- ☐ AWS CloudFormation Change Sets
- ☐ AWS CloudFormation Drift Detection

Ques No : 10

As per the AWS Acceptable Use Policy, penetration testing of EC2 instances:

- ☐ Can be performed by the customer, provided they work with the list of services mentioned by AWS.
- ☐ Are expressly prohibited under all circumstances.
- ☐ May be performed by the customer on their own instances, only if performed from EC2 instances.
- ☐ May be performed by AWS, and is periodically performed by AWS.
- ☐ May be performed by AWS, and will be performed by AWS upon customer request.

Ques No : 11

Why is Amazon DynamoDB service best-suited for implementation in mobile, Internet of Things (IoT) and gaming applications?

- ☐ DynamoDB has a flexible data model and single-digit millisecond latency
- ☐ DynamoDB supports eventual and strongly consistent reads
- ☐ Whilst in operation, DynamoDB instances are spread across at least three geographically distinct centres, AWS Regions
- ☐ DynamoDB is a fully-managed database instance with no infrastructure overheads

Ques No : 12

Which AWS services can be used to store files? Choose two answers.

☐ Amazon Simple Storage Service (Amazon S3)

☐ Amazon Athena

☐ Amazon Elastic Block Store (Amazon EBS)

☐ Amazon CloudWatch

☐ AWS Config

Ques No : 13

Which of the following AWS managed database service provides processing power that is up to 5X faster than a traditional MySQL database?

- ☐ Aurora
- ☐ PostgreSQL
- ☐ DynamoDB
- ☐ MariaDB

Ques No : 14

You have a Web application hosted in an EC2 Instance that needs to send notifications based on events. Which of the below services can assist in sending notifications?

☐ AWS EC2

☐ AWS SQS

☐ AWS SNS

☐ AWS SES

Ques No : 15

Which services allow the customer to retain full administrative privileges of the underlying virtual infrastructure?

- ☐ Amazon Lambda
- ☐ Amazon S3
- ☐ Amazon EC2
- ☐ Amazon DynamoDB

Ques No : 16

What are the advantages of cloud computing over computing on-premises? (Select the best answer.)

- ☐ Avoid large capital purchases
- ☐ Use on-demand capacity
- ☐ Go global in minutes
- ☐ Increase speed and agility
- ☐ All of the above

Ques No : 17

For certain services like Amazon Elastic Compute Cloud (Amazon EC2) and Amazon Relational Database Service (Amazon RDS), you can invest in reserved capacity. What options are available for Reserved Instances? (Choose three.)

☐ AURI

☐ MURI

☐ NURI

☐ PURI

☐ DURl

Ques No : 18

Where can a customer go to get more details about Amazon Elastic Compute Cloud (Amazon EC2) billing activity that took place 3 months ago? (Select the best answer.)

- ☐ Amazon EC2 dashboard
- ☐ AWS Cost Explorer
- ☐ AWS Trusted Advisor dashboard
- ☐ AWS CloudTrail logs stored in Amazon Simple Storage Service (Amazon S3)

Ques No : 19

True or false? To receive the discounted rate associated with Reserved Instances, you must make a full, upfront payment for the term of the agreement. (Select the best answer.)

☐ True

☐ False

Ques No : 20

There is no charge for which of the following? (Choose two answers.)

- ☐ Compute
- ☐ Storage
- ☐ Inbound data transfer (with some exceptions)
- ☐ Outbound data transfer
- ☐ Data transfer between services within the same AWS Region

Ques No : 21

What are the four support plans offered by AWS Support? (Select the best answer.)

- ☐ Basic, Developer, Business, Enterprise
- ☐ Basic, Startup, Business, Enterprise
- ☐ Free, Bronze, Silver, Gold
- ☐ All support is free

Ques No : 22

What AWS tool lets you explore AWS services and create an estimate for the cost of your use cases on AWS? (Select the best answer.)

- ☐ AWS Pricing Calculator
- ☐ AWS Budgets
- ☐ AWS Cost and Usage Report
- ☐ AWS Billing Dashboard

Ques No : 23

As AWS grows, the cost of doing business is reduced and savings are passed back to the customer with lower pricing. What is this optimization called? (Select the best answer.)

- ☐ Expenditure awareness
- ☐ Economies of scale
- ☐ Matching supply and demand
- ☐ EC2 Right Sizing

Ques No : 24

True or false? AWS offers some services at no charge, such as, Amazon Virtual Private Cloud, AWS Identity and Access Management, Consolidated Billing, AWS Elastic Beanstalk, automatic scaling, AWS OpsWorks and AWS CloudFormation. However, you might be charged for other AWS services that you use in conjunction with these services.

☐ True

☐ False

Ques No : 25

When are free data transfers applicable across AWS? (Choose two.)

- ☐ Free inbound data transfer across all AWS services in all Regions
- ☐ Free outbound data transfer across all AWS services in all Regions
- ☐ Free inbound data transfer for Amazon Elastic Compute Cloud (Amazon EC2) instances
- ☐ Free outbound data transfer between AWS services within the same Region

Ques No : 26

True or false? Unlimited services are available with the AWS Free Tier to new AWS customers for 12 months following their AWS sign-up date.
(Select the best answer.)

☐ True

☐ False

Ques No : 27

For certain services like Amazon Elastic Compute Cloud (Amazon EC2) and Amazon Relational Database Service (Amazon RDS), you can invest in reserved capacity. What options are available for Reserved Instances? (Choose three.)

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Ques No : 28

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- ☐ AWS Cost Explorer
- ☐ AWS Trusted Advisor dashboard
- ☐ AWS CloudTrail logs stored in Amazon Simple Storage Service (Amazon S3)

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True or false? To receive the discounted rate associated with Reserved Instances, you must make a full, upfront payment for the term of the agreement. (Select the best answer.)

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☐ False

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- ☐ All support is free

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☐ True

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Ques No : 34

When are free data transfers applicable across AWS? (Choose two.)

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Ques No : 35

True or false? Unlimited services are available with the AWS Free Tier to new AWS customers for 12 months following their AWS sign-up date.
(Select the best answer.)

☐ True

☐ False

Ques No : 36

Which component of the AWS Global Infrastructure does Amazon CloudFront use to ensure low-latency delivery? (Select the best answer.)

- ☐ AWS Regions
- ☐ AWS edge locations
- ☐ AWS Availability Zones
- ☐ Amazon Virtual Private Cloud (Amazon VPC)

Ques No : 37

You can run applications and workloads from a Region closer to the end users to_____ latency.

- ☐ increase
- ☐ decrease

Ques No : 38

True or False? Networking, storage, compute, and databases are examples of service categories that AWS offers.

☐ True

☐ False

Ques No : 39

Which of the following are geographic areas that host two or more Availability Zones? (Select the best answer.)

- ☐ AWS Origins
- ☐ AWS Regions
- ☐ Compute zones
- ☐ Edge locations

Ques No : 40

_____ means the infrastructure has built-in component redundancy and
_____ means that resources dynamically adjust to increases or decreases in capacity requirements.

- ☐ No human intervention, fault tolerant
- ☐ Elastic and scalable, no human intervention
- ☐ Fault tolerant, elastic and scalable
- ☐ Fault tolerant, no human intervention
- ☐ Elastic and scalable, fault tolerant

Ques No : 41

Which of these statements about Availability Zones is not true? (Select the best answer.)

- ☐ Availability Zones are designed for fault isolation.
- ☐ Availability Zones are made up of one or more data centers.
- ☐ A data center can be used for more than one Availability Zone.
- ☐ Availability Zones are connected to each other using high-speed private links.

Ques No : 42

What is true about Regions? (Choose two.)

- ☐ A Region is a physical location that has multiple Availability Zones.
- ☐ Each Region is located in a separate geographic area.
- ☐ They are the physical locations of your customers.
- ☐ All Regions are located in one specific geographic area.

Ques No : 43

AWS highly recommends provisioning your compute resources across _____ Availability Zones. (Select the best answer.)

- ☐ no
- ☐ multiple
- ☐ single
- ☐ all

Ques No : 44

True or False? Edge locations are only located in the same general area as Regions.

☐ True

☐ False

Ques No : 45

In the shared responsibility model, AWS is responsible for providing what? (Select the best answer.)

- ☐ Security of the cloud
- ☐ Security to the cloud
- ☐ Security for the cloud
- ☐ Security in the cloud

Ques No : 46

With Amazon Virtual Private Cloud (Amazon VPC), what is the smallest size subnet you can have in a VPC? (Select the best answer.)

☐ /26

☐ /30

☐ /24

☐ /28

Ques No : 47

With Amazon Virtual Private Cloud (Amazon VPC), what is the maximum size IP address range you can have in a VPC? (Select the best answer.)

☐ /28

☐ /16

☐ /30

☐ /24

Ques No : 48

You need to allow resources in a private subnet to access the internet. Which of the following must be present to enable this access? (Select the best answer.)

- ☐ Network access control lists
- ☐ Security groups
- ☐ NAT gateway
- ☐ Route tables

Ques No : 49

Which AWS networking service enables a company to create a virtual network within AWS? (Select the best answer.)

- ☐ AWS Direct Connect
- ☐ Amazon Route 53
- ☐ AWS Config
- ☐ Amazon Virtual Private Cloud (Amazon VPC)

Ques No : 50

True or False? Private subnets have direct access to the internet.

☐ True

☐ False

Ques No : 51

Which component of AWS Global Infrastructure does Amazon CloudFront use to ensure low-latency delivery? (Select the best answer.)

- ☐ AWS Availability Zones
- ☐ AWS edge locations
- ☐ Amazon Virtual Private Cloud (Amazon VPC)
- ☐ AWS Regions

Ques No : 52

Which of the following is an optional security control that can be applied at the subnet layer of a VPC? (Select the best answer.)

- ☐ Security group
- ☐ Firewall
- ☐ Web application firewall
- ☐ Network ACL

Ques No : 53

What happens when you use Amazon Virtual Private Cloud (Amazon VPC) to create a new VPC? (Select the best answer.)

- ☐ A main route table is created by default.
- ☐ Three subnets are created by default in one Availability Zone.
- ☐ Three subnets are created by default: one for each Availability Zone.
- ☐ An internet gateway is created by default.

Ques No : 54

Which of the following can be used to protect Amazon Elastic Compute Cloud (Amazon EC2) instances hosted in AWS? (Select the best answer.)

- ☐ All of the above
- ☐ Internet Gateway
- ☐ Security group
- ☐ AMI

Ques No : 55

You are a solutions architect who works at a large retail company that is migrating its existing infrastructure to AWS. You recommend that they use a custom VPC. When you create a VPC, you assign it to an IPv4 Classless Inter-Domain Routing (CIDR) block of 10.0.1.0/24 (which has 256 total IP addresses). How many IP addresses are available? (Select the best answer.)

- ☐ 250
- ☐ 251
- ☐ 256
- ☐ 246

Ques No : 56

Why is AWS more economical than traditional data centers for applications with varying compute workloads? (Select the best answer)

- ☐ Amazon EC2 costs are billed on a monthly basis.
- ☐ Customers retain full administrative access to their Amazon EC2 instances.
- ☐ Customers can permanently run enough instances to handle peak workloads.
- ☐ Amazon EC2 instances can be launched on-demand when needed.

Ques No : 57

If your project requires monthly reports that iterate through very large amounts of data, which Amazon Elastic Compute Cloud (Amazon EC2) purchasing option should you consider? (Select the best answer)

- ☐ Spot Instances
- ☐ Scheduled Reserved Instances
- ☐ Dedicated Hosts
- ☐ On-Demand Instances

Ques No : 58

What is included in an Amazon Machine Image (AMI)? (Select the best answer)

- ☐ A template for the root volume for the instance
- ☐ Launch permissions that control which AWS accounts can use the AMI to launch instances.
- ☐ A block device mapping that specifies the volumes to attach to the instance when it's launched
- ☐ All of the above

Ques No : 59

Which Amazon Elastic Compute Cloud (Amazon EC2) feature ensures your instances will not share a physical host with instances from any other AWS customer? (Select the best answer)

- ☐ Amazon VPC
- ☐ Placement groups
- ☐ Dedicated Instances
- ☐ Reserved Instances

Ques No : 60

Which of the following services is a serverless compute service in AWS?
(Select the best answer)

- ☐ AWS Config
- ☐ AWS Lambda
- ☐ AWS OpsWorks
- ☐ Amazon EC2

Ques No : 061

What is the service provided by AWS that enables developers to easily deploy and manage applications in the cloud? (Select the best answer)

- ☐ Amazon Elastic Container Service
- ☐ AWS Elastic Beanstalk
- ☐ AWS Opswork
- ☐ AWS CloudFormation

Ques No : 62

Your web application needs four instances to support steady traffic all of the time. On the last day of the month, the traffic triples. What is the most cost-effective way to handle this pattern? (Select the best answer)

- ☐ Run 12 Reserved Instances all of the time.
- ☐ Run four On-Demand Instances constantly, then add eight more On-Demand Instances on the last day of each month.
- ☐ Run four Reserved Instances constantly, then add eight On-Demand Instances on the last day of each month.
- ☐ Run four On-Demand Instances constantly, then add eight Reserved Instances on the last day of each month.

Ques No : 63

True or False? Containers contain an entire operating system.

☐ True

☐ False

Ques No : 64

Which Amazon EC2 option is best for long-term workloads with predictable usage patterns? (Select the best answer)

- ☐ Spot Instances
- ☐ On-Demand Instances
- ☐ Reserved Instances

Ques No : 65

Which of the following must be specified when launching a new Amazon Elastic Compute Cloud (Amazon EC2) Windows instance? (Choose two)

- ☐ Amazon EC2 instance type
- ☐ Password for the administrator account
- ☐ Amazon Machine Image (AMI)
- ☐ The Amazon EC2 instance ID

Thank you !!!

- **Time is Up : Test is Over**
- **Save & Close your Excel File**