



You completed this test on *10/11/2021, 09:54*  
Your score is 96.67%

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CORRECT

Which of the following AWS features enables a user to launch a pre-configured Amazon Elastic Compute Cloud (Amazon EC2) instance?

Amazon EBS

✓ ***Amazon Machine Image***

Amazon App Stream 2.0

AWS CloudFormation

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CORRECT

What technology enables compute capacity to adjust as loads change?

Load Balancing

Automatic Failover

Round Robin

✓ ***Auto Scaling***

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CORRECT

Under the shared responsibility model, which of the following tasks are the responsibility of the AWS customer? (Choose two.)

✓ ***Ensuring that application data is encrypted at rest***

Ensuring that AWS NTP servers are set to the correct time

✓ ***Ensuring that users have received security training in the use of AWS services***

Ensuring that access to data centres is restricted

Ensuring that hardware is disposed of properly

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CORRECT

Which AWS service can be used to manually launch instances based on resource requirements?

Amazon EBS

Amazon S3

✓ ***Amazon EC2***

Amazon ECS

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CORRECT

The financial benefits of using AWS are: (Choose two.)

✓ ***reduced Total Cost of Ownership (TCO)***

increased capital expenditure (capex).

✓ ***reduced operational expenditure (opex).***

deferred payment plans for start-ups

business credit lines for start-ups.

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CORRECT

Which of the following is an AWS Cloud architecture design principle?

Implement single points of failure

✓ ***Implement loose coupling***

Implement monolithic design

Implement vertical scaling

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CORRECT

Which of the following services falls under the responsibility of the customer to maintain operating system configuration, security patching, and networking?

Amazon RDS

✓ ***Amazon EC2***

Amazon ElastiCache

AWS Fargate

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CORRECT

Which of the following is a component of the shared responsibility model managed entirely by AWS?

Patching operating system software

Encrypting data

Enforcing multi-factor authentication

✓ ***Auditing physical data centre assets***

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INCORRECT

How do customers benefit from Amazon's massive economies of scale?

New Amazon EC2 Amazon Machine images providing the latest hardware

**Periodic price reductions as the result of Amazon's operational efficiencies**

The ability to scale up and down when needed

✗ *Increased reliability in the underlying hardware of Amazon EC2 instances*

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CORRECT

A solution that is able to support growth in users, traffic, or data size with no drop in performance aligns with which cloud architecture principle?

Think parallel

✓ ***Implement elasticity***

Decouple your components

Design for failure

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CORRECT

A company will be moving from an on-premises data centre to the AWS Cloud. What would be one financial difference after the move?

Moving from variable operational expense (opex) to upfront capital expense (capex).

Moving from upfront capital expense (capex) to variable capital expense (capex).

✓ **Moving from upfront capital expense (capex) to variable operational expense (opex).**

Elimination of upfront capital expense (capex) and elimination of variable operational expense (opex).

CORRECT

Which of the following tasks is the responsibility of AWS?

Encrypting client-side data

Configuring AWS Identity and Access Management (IAM) roles

✓ **Securing the Amazon EC2 hypervisor**

Setting user password policies

CORRECT

Which of the following services is in the category of AWS serverless platform?

Amazon EMR

Elastic Load Balancing

✓ **AWS Lambda**

AWS Mobile Hub

CORRECT

According to the AWS shared responsibility model, what is the sole responsibility of AWS?

Application security

✓ **Edge location management**

Patch management

Client-side data

CORRECT

Which of the following are benefits of the AWS Cloud? (Choose two.)

Unlimited uptime

✓ **Elasticity**

✓ **Agility**

Colocation

Capital expenses

CORRECT

As part of the AWS shared responsibility model, which of the following operational controls do users fully inherit from AWS?

✓ **Security management of data centre**

Patch management

Configuration management

User and access management

CORRECT

Under the shared responsibility model, which of the following tasks are the responsibility of the customer? (Choose two.)

- ✓ **Maintaining the underlying Amazon EC2 hardware.**
- ✓ **Managing the VPC network access control lists.**

Replacing failed hard disk drives.

Deploying hardware in different Availability Zones

CORRECT

Which scenarios represent the concept of elasticity on AWS? (Choose two.)

- ✓ **Scaling the number of Amazon EC2 instances based on traffic**
- ✓ **Resizing Amazon RDS instances as business needs change.**

Automatically directing traffic to less-utilized Amazon EC2 instances.

Using AWS compliance documents to accelerate the compliance process.

Having the ability to create and govern environments using code.

CORRECT

How does AWS charge for AWS Lambda?

Users bid on the maximum price they are willing to pay per hour

Users choose a 1-, 3- or 5-year upfront payment term.

Users pay for the required permanent storage on a file system or in a database.

- ✓ **Users pay based on the number of requests and consumed compute resources.**

CORRECT

What function do security groups serve related to Amazon Elastic Compute Cloud (Amazon EC2) instance security?

- ✓ **Act as a virtual firewall for the Amazon EC2 instance.**

Secure AWS user accounts with AWS Identity and Access Management (IAM) policies.

Provide DDoS protection with AWS Shield.

Use Amazon CloudFront to protect the Amazon EC2 instance

CORRECT

Which of the following deployment models enables customers to fully trade their capital IT expenses for operational expenses?

On-premises

Hybrid

- ✓ **Cloud**

Platform as a service

CORRECT

Under the AWS shared responsibility model, customer responsibilities include which one of the following?

Securing the hardware, software, facilities, and networks that run all products and services.

Providing certificates, reports, and other documentation directly to AWS customers under NDA.

- ✓ **Configuring the operating system, network, and firewall.**

Obtaining industry certifications and independent third-party attestations.

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CORRECT

What is a benefit of loose coupling as a principle of cloud architecture design?

It facilitates low-latency request handling.

It allows applications to have dependent workflows.

✓ ***It prevents cascading failures between different components.***

It allows companies to focus on their physical data centre operations.

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CORRECT

Which of the following is an AWS Well-Architected Framework design principle related to reliability?

Deployment to a single Availability Zone

✓ ***Ability to recover from failure***

Design for cost optimization

Perform operations as code

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CORRECT

Which of the following is the responsibility of AWS?

Setting up AWS Identity and Access Management (IAM) users and groups

✓ ***Physically destroying storage media at end of life***

Patching guest operating systems

Configuring security settings on Amazon EC2 instances

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CORRECT

Which service can be used to manage and automate application deployments on AWS?

✓ ***AWS Elastic Beanstalk***

AWS Config

AWS CodeCommit

AWS Data Pipeline

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CORRECT

Which of the following AWS services provide compute resources?

✓ ***AWS Lambda***

AWS CodeDeploy

Amazon Glacier

AWS Organizations

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CORRECT

According to the AWS shared responsibility model, who is responsible for configuration management?

It is solely the responsibility of the customer.

It is solely the responsibility of AWS.

✓ ***It is shared between AWS and the customer.***

It is not part of the AWS shared responsibility model.

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CORRECT

Which benefit of the AWS Cloud supports matching the supply of resources with changing workload demands?

Security

Reliability

✓ ***Elasticity***

High availability

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CORRECT

Which AWS service handles the deployment details of capacity provisioning, load balancing, Auto Scaling, and application health monitoring?

AWS Config

✓ ***AWS Elastic Beanstalk***

Amazon Route 53

Amazon CloudFront