Cloud Application Developer

Time:

16:36

Points:

17/34

Name



NSTI

Calicut

Howrah

Kolkata

Vidyanagar

**Correct**

1/1 Points

What are containers?

A shallow replica of an application

An implementation of the OCI specification

A single tenant virtual machine

Packaging up application code and any dependencies

**Correct**

1/1 Points

What is the “Shared Responsibility Model” in cloud security?

A framework outlining the division of security responsibilities between cloud providers and users

Sharing cloud resources with other companies

Sharing cloud access with multiple users

Sharing cloud data with external parties

**Incorrect**

0/1 Points

Which of the following is a benefit of implementing DevOps?

Slower release cycles

Less collaboration between teams

Increased infrastructure cost

Reduced recovery time after failures

**Correct**

1/1 Points

IBM's Cloud Object Storage is a highly scalable cloud storage service. What are some of the features of Cloud Object Storage?

SQL query support

SDKs and API

All of the above

Encryption

**Incorrect**

0/1 Points

Which are the three main types of users in a comprehensive security strategy?

Application users, third-party business organizations, and vendors

Organizational users, internet and social-based users, and application users

Organizational users, internet and social-based users, and vendors

Administrative users, developer users, and application users

**Correct**

1/1 Points

What is the difference between a Docker image and a Docker container?

A Docker image is used for temporary data, while a container is used for persistent data.

A Docker image is smaller than a container.

A Docker image is a blueprint for a container, while a container is a running instance of an image.

A Docker image is faster than a container.

**Incorrect**

0/1 Points

Which IBM Cloud database service is a fully managed NoSQL document-based database?

IBM Cloudant

Db2 Hosted

Db2

Db2 Warehouse

**Correct**

1/1 Points

What does CI in CI/CD stand for?

Continuous Input

Continuous Integration

Continuous Improvement

Continuous Installation

**Incorrect**

0/1 Points

 What is Kubernetes?

A proprietary container orchestration solution

An open source container runtime

An open-source container orchestration platform or management software

An open source cloud platform

**Incorrect**

0/1 Points

What is the primary purpose of the Docker Engine?

To interface with Kubernetes

To build and run containers

To provide a graphical visualization of containers

To manage databases inside containers

**Correct**

1/1 Points

What is Docker primarily used for?

Continuous Integration

Project Management

Version Control

Containerization

**Incorrect**

0/1 Points

Which IBM Cloud feature gives you command line control of your cloud resources, applications and infrastructure, from any web browser?

IBM Cloud Catalog

IBM Cloud Shell

IBM Cloud API

IBM Cloud SDKs

**Correct**

1/1 Points

What is the difference between a Docker container and a virtual machine?

All of the above.

A Docker container uses less resources than a virtual machine.

A Docker container is smaller and faster than a virtual machine.

A Docker container shares the host operating system kernel, while a virtual machine has its own kernel.

**Correct**

1/1 Points

For a server, the multiple OS run side-by-side with a piece of software called as\_\_\_\_\_\_\_\_\_\_\_\_

Supervisior

Biometric

Hypervisior

Thread

**Correct**

1/1 Points

What is a Virtual Private Cloud (VPC)?

A collection of virtual machines that are interconnected

Any vendors public cloud

A secure, isolated private cloud hosted within a public cloud

An on-premises cloud that connects to a public cloud

**Correct**

1/1 Points

What does 'DevOps' stand for?

Developer's Operations

Development Operations

Deviant Operations

Device Operations

**Correct**

1/1 Points

Which sentence describes better Docker?

Build once, run twice

Build once, run everywhere

All of the above

Easy to run, is much more fun

**Correct**

1/1 Points

Which of these IAM policies cannot be updated by you?

Inline Policy

Customer Managed Policy

Managed Policy

Group Policy

**Correct**

1/1 Points

 What is a multi-zone region?

A region where you can host the power cooling, compute, network, and storage resources for services and apps.

A region that is comprised of 2 or more zones that are independent from each other to ensure that single failure events affect only a single zone.

A region achieves 99.9 availability for your apps and services.

A region that is comprised of 3 or more zones that are independent from each other to ensure that single failure events affect only a single zone.

**Correct**

1/1 Points

\_\_\_\_\_\_\_\_\_\_ is typically called an image

Virtual machine

Computer resources

Computer memory

Virtual hardware

**Correct**

1/1 Points

What is the purpose of the Docker Machine?

To create Docker hosts on local or remote machines

To manage Docker networks

To manage Docker images

To manage Docker containers

**Incorrect**

0/1 Points

Which of the following service provider provides the highest level of service ?

SaaS

PaaS

IaaS

All of the mentioned

**Incorrect**

0/1 Points

Which type of cloud deployment model offers the highest level of control and security?

Multi-Cloud

Private Cloud

Hybrid Cloud

Public Cloud

**Incorrect**

0/1 Points

In which environment do admins have the most control over cloud app security?

IaaS

SECaaS

PaaS

SaaS

**Will be reviewed**

What is the primary purpose of a Virtual Private Network (VPN) in cloud security?

Reducing cloud latency

Increasing cloud storage capacity

Hiding cloud servers’ physical location

Encrypting internet traffic for secure communication

**Incorrect**

0/1 Points

What are Resource Groups used for?

As a logical container for services, forming a key component of IAM

They secure network traffic around virtual servers in a VPC

Services running under Kubernetes are deployed into one or more of them

To mark out the classic infrastructure services which make up an application

**Correct**

1/1 Points

Which of the following is key mechanism for protecting data?

Authentication

Access control

All of the above

Auditing

**Incorrect**

0/1 Points

EDR stands for \_\_\_\_\_?

Endless detection and recovery

Endpoint detection and recovery

Endless detection and response

Endpoint detection and response

**Incorrect**

0/1 Points

What is true about Regions?

Each region is located separate geographical area

All regions are located in one geographical location

Physical location of your computers

Physical location with multiple availability zones

**Correct**

1/1 Points

What is the purpose of Docker Desktop?

To manage Docker images

To manage Docker networks

To manage Docker containers

To provide an easy-to-install Docker environment for Windows and Mac OS

**Incorrect**

0/1 Points

What is the purpose of a Dockerfile?

To manage Docker networks

To manage Docker volumes

To define a Docker image

To define a Docker container

**Incorrect**

0/1 Points

Which of the following is not a part of DevOps lifecycle \_\_\_\_\_\_.

Build

Plan

Code

Operating

**Incorrect**

0/1 Points

For the \_\_\_\_\_\_\_\_\_ model, the security boundary may be defined for the vendor to include the software framework and middleware layer.

SaaS

IaaS

PaaS

All of the mentioned

**Incorrect**

0/1 Points

Best practice for successful cloud implementation

Devise an All-Encompassing Adoption Strategy

Adopt a Cloud-Based-as-a-Service Business Model

All of the above

Start With an End-to-End Assessment