Technical Interview Questions AWS Interview Questions For Devops PDF

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Question 1

Which AWS service can be used to automate the deployment, scaling, and management of containerized applications?

Options:

A. Amazon EC2

B. Amazon S3

C. Amazon ECS

D. Amazon RDS

Answer: C

Explanation:
Amazon Elastic Container Service (ECS) is a fully managed container orchestration service provided by AWS for deploying and managing Docker containers.

Question 2

What is the primary goal of DevOps?

Options:

A. Increase development speed

B. Reduce operational costs

C. Improve collaboration between teams

D. All of the above

Answer: D

Explanation:
The primary goal of DevOps is to increase development speed, reduce operational costs, and improve collaboration between development, operations, and quality assurance teams.

Question 3

What command is used to display the last 10 lines of a file in Linux?

Options:

A. head

B. cat

C. tail

D. ls

Answer: C

Explanation:
The "tail" command is used to display the last few lines of a file in Linux.

Question 4

What is a VPC in AWS?

Options:

A. Virtual Private Cloud

B. Virtual Public Cloud

C. Virtual Personal Computer

D. Virtual Processing Center

Answer: A

Explanation:
A Virtual Private Cloud (VPC) is a virtual network dedicated to your AWS account. It allows you to launch resources in a logically isolated section of the AWS cloud.

Question 5

Which scripting language is commonly used in AWS DevOps for automation tasks?

Options:

A. Python

B. Java

C. C++

D. Ruby

Answer: A

Explanation:
Python is widely used in AWS DevOps for scripting automation tasks due to its simplicity and readability.

Question 6

Which AWS service can be used to process real-time streaming data?

Options:

A. Amazon Redshift

B. Amazon RDS

C. Amazon Kinesis

D. Amazon DynamoDB

Answer: C

Explanation:
Amazon Kinesis is a platform provided by AWS for real-time processing of streaming data at scale.

Question 7

Which of the following practices are key principles of DevOps?

Options:

A. Continuous integration

B. Continuous deployment

C. Infrastructure as code

D. All of the above

Answer: D

Explanation:
Key principles of DevOps include continuous integration, continuous deployment, and infrastructure as code, among others.

Question 8

Which command is used to change permissions for a file in Linux?

Options:

A. chmod

B. chown

C. ls

D. touch

Answer: A

Explanation:
The "chmod" command is used to change permissions for a file in Linux.

Question 9

What is an Elastic IP address used for in AWS?

Options:

A. To provide a static IP address for an EC2 instance

B. To provide additional security to an S3 bucket

C. To create a VPN connection between two VPCs

D. To manage access control for an RDS database

Answer: A

Explanation:
An Elastic IP address is a static IPv4 address designed for dynamic cloud computing. It is associated with your AWS account and can be instantly remapped to any other EC2 instance in your account.

Question 10

In the context of AWS DevOps, which scripting language is favored for infrastructure as code (IaC)?

Options:

A. Bash

B. Perl

C. PowerShell

D. JavaScript

Answer: A

Explanation:
Bash scripting is commonly used for writing infrastructure as code scripts in AWS DevOps due to its strong integration with Linux systems.

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