AWS Certified Cloud Practitioner (CLF-C01)

Introduction

The AWS Certified Cloud Practitioner (CLF-C01) examination is intended for individuals who have the knowledge, skills, and abilities to demonstrate basic knowledge of the AWS platform, including available services and their common use cases, AWS Cloud architectural principles (at the conceptual level), account security, and compliance. The candidate will demonstrate an understanding of AWS Cloud economics including costs, billing, and analysis, and the value proposition of the AWS Cloud.

It validates an examinee's ability to:

- Explain the value of the AWS Cloud.
- Understand and explain the AWS shared responsibility model.
- Understand AWS Cloud security best practices.
- Understand AWS Cloud costs, economics, and billing practices.
- Describe and position the core AWS services, including compute, network, databases, and storage.
- Identify AWS services for common use cases.

Course Objective

This course teaches you about core aspects such as:

- Fundamentals of AWS Cloud
- AWS Cloud architectural principles
- AWS Cloud value proposition
- Key services on the AWS platform and their hands-on usage
- Demonstrate major security models of the AWS platform
- Sketch core characteristics involved in deploying and operating AWS Cloud Governing

Course Outline

Domain 1: Cloud Concepts

1.1 Define the AWS Cloud and its value proposition
1.2 Identify aspects of AWS Cloud economics
1.3 List the different cloud architecture design principles

Domain 2: Security

2.1 Define the AWS Shared Responsibility model
2.2 Define AWS Cloud security and compliance concepts
2.3 Identify AWS access management capabilities
2.4 Identify resources for security support

Domain 3: Technology

3.1 Define methods of deploying and operating in the AWS Cloud
3.2 Define the AWS global infrastructure
3.3 Identify the core AWS services
3.4 Identify resources for technology support

Domain 4: Billing and Pricing

        4.1 Compare and contrast the various pricing models for AWS
        4.2 Recognize the various account structures in relation to AWS billing and pricing
        4.3 Identify resources available for billing support

Prerequisites

- It is recommended that candidates have at least six months of experience with the AWS Cloud in any role, including technical, managerial, sales, purchasing, or financial.

- Candidates should have a basic understanding of IT services and their uses in the AWS Cloud platform

Target Audience

Although this certification exam can be taken by anyone who desires to upskill their knowledge and skills, some of the titles which must have this certification to excel in the IT field are given below.

- Students or Beginners
- Professional from any IT field
- Professionals from Sales, Marketing
- Business analysts
- Project managers
- C-level executives

Duration

- 8 Hours Training Course