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Learning Style: On Demand

Technology: Amazon Web Services

Difficulty: Beginner

Course Duration: 5 Hours

AWS Certified Cloud Practitioner



About this course:

The fundamental-level course is intended for individuals who seek an overall understanding of the AWS Cloud, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS services, security, architecture, pricing, and support. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.

Course Objective:

In this course, you will learn how to:

- Define what the cloud is and how it works
- Differentiate between cloud computing and deployment models
- Describe the AWS Cloud value proposition
- Describe the basic global infrastructure of the cloud
- Compare the different methods of interacting with AWS
- Describe and differentiate between AWS service domains
- Describe the Well-Architected Framework
- Describe basic AWS Cloud architectural principles
- Explain the Shared Responsibility model
- Describe security services with the AWS cloud
- Define the billing, account management, and pricing models for the AWS platform

Audience:

This course is intended for:

- Sales
- Legal
- Marketing
- Business analysts
- Project managers
- AWS Academy students
- Other IT-related professionals

Prerequisite:

We recommend that attendees of this course have the following prerequisites:

- General IT technical knowledge
- General IT business knowledge

Course Outline:

Course Introduction

Domain 01: Cloud Concepts

- Lesson 01: What is Cloud
- Lesson 02: Introduction to AWS Cloud
- Lesson 03: Advantages of the AWS Cloud
- Lesson 04: Core AWS Services
- Lesson 05: Cloud Architecture and Design Principles

Domain 02: Security

- Lesson 06: The AWS Shared Responsibility Model
- Lesson 07: Cloud Security and Compliance
- Lesson 08: AWS Access Management Capabilities

- Lesson 09: Resources for Security Support

Domain 03: Technology

- Lesson 10: Methods of Deploying and Operating in AWS
- Lesson 11: The AWS Global Infrastructure
- Lesson 12: Resource for Technology Support

Domain 04: Billing and Pricing

- Lesson 13: AWS Pricing Models
- Lesson 14: Account Structures for Billing and Pricing
- Lesson 15: Resources for Billing Support