AWS Cloud Practitioner Essentials

The fundamental-level full day 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. It includes lab exercises reinforcing some of the core concepts of the lecture. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.

In this course, you will learn how to:

- Define what the cloud is and how it works, differentiating between cloud computing and deployment models
- Describe the basic global infrastructure of the cloud
- Describe the AWS Cloud value proposition and differentiate between AWS service domains
- Describe the Well-Architected Framework and basic AWS Cloud architectural principles
- Explain the Shared Responsibility model
- Describe security services with the AWS cloud

Who Should Attend?

This course is intended for IT business decision makers and individuals who are new to working with AWS. Other job functions who would benefit from this class include: Business analysts, Project Managers, Sales and Marketing, Legal, and more.

Prerequisites

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

- General IT technical knowledge
- General IT business knowledge

Delivery Method

This course is delivered through:

- Classroom training
- Labs

Course Outline

Getting Started with the Cloud
Get started with AWS services
Build your infrastructure
Store your data
Secure your data

Building in the Cloud
Go beyond servers and storage
Monitor AWS resources
Manage demand efficiently
Deploy database services
Automate deployment
Connect and share data
Deliver content faster

Security
Secure your infrastructure
Manage authentication and authorization
Assess your security and compliance
Protect your infrastructure from Distributed Denial of Service (DDoS) attacks
Maintain compliance

Pricing Models and Cloud Application Support
Fundamentals of pricing
Getting help with AWS
Plans
Technology
Programs to

Introduction to IAM
Shared Responsibility Model
Introduction to IAM
User Authentication and Authorization

Architecture
The AWS Well-Architected Framework
Reference architectures
The future of the cloud

Price: $675