



AWS Certified Cloud Practitioner Training Course

AWS Certified Cloud Practitioner is an entry-level certification that validates the foundational knowledge of cloud concepts and AWS services for individuals pursuing a cloud computing career.

CLO-102

Course Outcomes

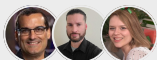
Professional, practical, & hands-on live instructor-led training

Start as a beginner and graduate as a certified professional, with the skills, experience, and job-search know how to get your career started.

Start Today

Potential Career Tracks

Cloud Practitioner Cloud Operations Specialist
AWS Solutions Consultant Cloud Business Analyst
AWS Advisor IT Business Analyst



Taught by Industry Veterans &
World Class Instructors

Introduction to AWS Certified Cloud Practitioner

Course Overview

Intellectual Point's AWS Certified Cloud Practitioner Training Course offers a comprehensive introduction to the AWS cloud platform, designed to establish a fundamental understanding of AWS services and how they can be utilized within an organization. This course prepares you for the AWS Certified Cloud Practitioner exam by providing both theoretical insights and practical experiences through hands-on labs and exercises. Students will learn about AWS's key solutions, billing, pricing models, and security concepts, ensuring you can confidently navigate the AWS ecosystem.

Throughout the training, you will explore cloud computing concepts, core AWS services for compute, storage, and networking, as well as security and compliance basics. You'll engage with interactive modules that aid in the visualization of AWS technologies and their applications in business contexts. By the end of the course, you will have a solid grounding in AWS cloud services and will be well-prepared to pass the AWS Certified Cloud Practitioner exam.

Obtainable Skills

Understanding of Cloud Concepts Core AWS Services Navigation Networking in AWS
AWS Billing and Pricing Cloud Security and Compliance AWS Architectural Basics
Compute and Storage Fundamentals Exam Preparation for AWS Certified Cloud Practitioner
Deployment and Management Tools

Course Insights

Audience Profile

This AWS Certified Cloud Practitioner training is tailored for individuals who are new to cloud computing and wish to build foundational cloud skills. It is ideal for professionals from diverse fields such as business, finance, sales, marketing, project management, and anyone looking to understand the AWS platform at a basic level. This course welcomes participants with non-technical backgrounds who are responsible for cloud and hybrid solutions, enabling them to gain a better understanding of AWS services without a requirement for deep technical expertise. It suits those interested in gaining a certification to boost their professional profiles in any organization that uses cloud services.

Course Outcomes

By the end of this course, participants will:

- 1 Develop a broad understanding of AWS cloud concepts, architecture, and value proposition.
- 2 Identify and communicate the benefits of AWS cloud solutions in business contexts effectively.
- 3 Recognize the AWS platform's core services including computing, storage, and networking.
- 4 Understand the fundamentals of AWS billing and pricing models to advise stakeholders.
- 5 Gain the requisite knowledge to successfully pass the AWS Certified Cloud Practitioner exam.

Module by Module Learning *Outline*

 **6 Modules**

Module 1: Introduction to Cloud Concepts and AWS Architecture

Learning Objectives:

- Understand the basic cloud computing concepts and their applications.
- Familiarize yourself with the fundamental architecture of AWS.

Topics Covered

Overview of Cloud Computing:

- Definition and significance of cloud computing.
- Key advantages of using cloud solutions for businesses.

AWS Architecture Basics:

- Introduction to AWS global infrastructure.
- Core principles of AWS architecture.

Module 2: Core AWS Services for Compute and Storage

Learning Objectives:

- Identify key compute and storage services offered by AWS.
- Understand how to utilize these services within various use cases.

Topics Covered

AWS Compute Services:

- Introduction to EC2 and Lambda.
- Benefits of using AWS for computing needs.

AWS Storage Solutions:

- Overview of S3, EBS, and Glacier.
- Use cases for each storage type and their cost implications.

Module 3: Networking in AWS

Learning Objectives:

- Comprehend networking fundamentals in the AWS cloud environment.
- Enable secure and efficient network design using AWS tools.

Topics Covered

AWS Networking Concepts:

- Overview of VPCs and their components.
- Role of AWS Direct Connect and VPNs in connecting services.

Securing Networks on AWS:

- Basics of IAM and security groups.
- Implementing firewall and access control on AWS.

Module 4: AWS Billing, Pricing, and Cost Management

Learning Objectives:

- Grasp the fundamentals of AWS billing and pricing models.
- Use AWS cost management tools effectively.

Topics Covered

AWS Pricing Models:

- Explore different types of pricing models (On-demand, Reserved, Spot).
- Understanding how to select the best pricing model.

Cost Management Strategies:

- Tools and services for tracking and optimizing costs.
- Use of AWS Budgets and Cost Explorer.

Module 5: Security and Compliance in AWS

Learning Objectives:

- Understand AWS's approach to security and compliance.
- Apply best practices for maintaining data integrity and confidentiality.

Topics Covered

AWS Security Framework:

- Overview of shared responsibility model.
- Services and tools for secure data management (KMS, CloudTrail).

Compliance in AWS:

- Key compliance certifications and their importance.
- Using AWS Artifact for documentation and compliance reports.

Module 6: AWS Solutions in Business Contexts and Exam Preparation

Learning Objectives:

- Relate AWS services to specific business solutions.
- Prepare effectively for the AWS Certified Cloud Practitioner exam.

Topics Covered

Applying AWS Solutions in Business:

- Case studies of AWS implementations across industries.
- Benefits and outcomes of integrating AWS services in business strategies.

Exam Preparation and Tips:

- Overview of the AWS Certified Cloud Practitioner exam structure.
- Study resources, sample questions, and exam-taking strategies.