



AWS Cloud Practitioner Essentials

Course description

This course is for individuals who seek an overall understanding of the Amazon Web Services (AWS) Cloud, independent of specific technical roles. You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.

- Course level: Fundamental
- Duration: 1 day

Activities

This course includes presentations, demonstrations, and assessments.

Course objectives

In this course, you will learn to:

- Summarize the working definition of AWS.
- Differentiate between on-premises, hybrid-cloud, and all-in cloud.
- Describe the basic global infrastructure of the AWS Cloud.
- Explain the six benefits of the AWS Cloud.
- Describe and provide an example of the core AWS services, including compute, network, databases, and storage.
- Identify an appropriate solution by using AWS Cloud services with various use cases.

- Describe the AWS Well-Architected Framework.
- Explain the shared responsibility model.
- Describe the core security services within the AWS Cloud.
- Describe the basics of AWS Cloud migration.
- Articulate the financial benefits of the AWS Cloud for an organization's cost management.
- Define the core billing, account management, and pricing models.
- Explain how to use pricing tools to make cost-effective choices for AWS services.

Intended audience

This course is intended for:

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

Prerequisites

We recommend that attendees of this course have:

- General IT business knowledge
- General IT technical knowledge

Course outline

Module 1: Introduction to Amazon Web Services

- Cloud computing deployment models
- Benefits of cloud computing
- Knowledge check

Module 2: Compute in the Cloud

- Amazon Elastic Compute Cloud (Amazon EC2)
- Amazon EC2 instance types
- Amazon EC2 pricing
- Amazon EC2 Auto Scaling
- Elastic Load Balancing
- Serverless compute services

- AWS container services
- Knowledge check

Module 3: Global Infrastructure and Reliability

- Demonstration: Explore the AWS Global Infrastructure
- AWS Global Infrastructure
- Get closer to your customers
- AWS Outposts
- Interact with AWS services
- Demonstration: AWS Management Console
- Knowledge check

Module 4: Networking

- Amazon Virtual Private Cloud (Amazon VPC)
- Network access control lists and security groups
- Interact with the AWS global network
- Knowledge check

Module 5: Storage and Databases

- AWS storage
- AWS databases
- Additional database services
- Knowledge check

Module 6: Security

- Shared responsibility model
- AWS Identity and Access Management (IAM)
- AWS Organizations
- Compliance
- Application security
- Additional security services
- Knowledge check

Module 7: Monitoring and Analytics

- Amazon CloudWatch
- AWS CloudTrail
- AWS Trusted Advisor
- Knowledge check

Module 8: Pricing and Support

- AWS pricing
- Demonstration: Explore AWS billing tools
- Consolidated billing
- AWS pricing tools
- AWS Support plans
- AWS Marketplace
- Knowledge check

Module 9: Migration and Innovation

- AWS Cloud Adoption Framework
- Migration strategies
- AWS Snowball
- Innovation with AWS
- AWS Well-Architected Framework
- Knowledge check

Module 10: AWS Certified Cloud Practitioner Basics

- Exam details
- Exam strategies
- Continue your learning
- Register for your exam

Your course overview ends here.
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About CloudThat

Established in 2012, CloudThat is an award-winning company and the first in India to offer cloud training and consulting services for individuals and enterprises worldwide. Recently, it won Google Cloud's New Training Partner of the Year Award for 2025, becoming the first company in the world in 2025 to hold awards from all three major cloud giants: AWS, Microsoft, and Google. CloudThat notably won consecutive AWS Training Partner of the Year (APJ) awards in 2023 and 2024 and the Microsoft Training Services Partner of the Year Award in 2024, bringing its total award count to an impressive 12 awards in the last 8 years.

CloudThat specializes in Cloud Migration, Data Platforms, DevOps, IoT, and cutting-edge technologies like Gen AI & AI/ML. As a Microsoft Solutions Partner, AWS Premier Tier Training Partner, Google Cloud Platform Partner, and collaborator with leading organizations like HPE, Oracle, Nvidia and Databricks, CloudThat has trained over 850,000 professionals across 600+ cloud certifications, empowering students and professionals worldwide to advance their skills and careers.

To know more about our cloud certification training, email at sales@cloudthat.com or call us at **+91-8880002200** or **+1-8555588830** for those from outside India.