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Sign up

Cloud Practitioner on AWS Training

1 day (7 hours)

Overview

AWS has established itself as the undisputed leader in the cloud, offering a global infrastructure capable of supporting everything from startups to government institutions. Earning the AWS Certified Cloud Practitioner certification validates a comprehensive understanding of this ecosystem, ensuring seamless communication between business and technical teams.

Taking this course will help you demystify the complexity of AWS services so you can focus on their real-world utility. You will learn to navigate the shared responsibility model to secure your operations and master billing controls to avoid budget surprises. The goal is to transform abstract concepts like “scalability” or “elasticity” into operational skills so you can manage your projects with confidence and efficiency.

The approach is 100% hands-on: guided workshops, configuration and execution demos, and troubleshooting of common errors related to access rights or service setups. Deliverables include a best-practices checklist for review, sample architecture diagrams, and decision-making tools to integrate AWS into your IT strategy. Like all our training courses, this one will introduce you to the latest stable version of AWS services and its new features.

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Objectives

- Understand the fundamentals of cloud computing and the value provided by AWS
- Explain how AWS works overall, its global infrastructure, and its architectural principles
- Identify the main AWS services and understand their key uses

- Understand key concepts of security, compliance, and identity management in AWS
- Apply the AWS shared responsibility model
- Understand AWS cost management, billing, and pricing models
- Use AWS support and financial management tools
- Be prepared for the official AWS Certified Cloud Practitioner exam

Target Audience

- Professionals seeking to gain a general understanding of cloud computing concepts and AWS services
- Business decision-makers (managers, project managers, IT managers) involved in cloud projects
- Cloud beginners looking to familiarize themselves with AWS

Prerequisites

- No prior technical experience is required
- A basic understanding of IT concepts (servers, networks, databases) is a plus but not required
- Interest in cloud technologies and their impact on businesses

Technical prerequisites

- A computer with internet access and a modern browser.
- 8 GB of RAM recommended.
- Windows, macOS, or Linux operating system.
- Creating an AWS Free Tier account is recommended for personal exploration.

Our Cloud Practitioner on AWS Training Program

[Day 1 - Morning]

Fundamentals, Security, and Overall Architecture

- Introduction to the AWS Cloud: Understanding agility, elasticity, and the shift from Capex to OpEx
- The Trust Framework: Exploring the Shared Responsibility Model (Security of the Cloud vs. Security in the Cloud)
- Access Governance: Mastering Identity with IAM (users, groups, roles) and the Least privileges
- Regions, Availability Zones, and Edge Locations for High Availability
- Hands-on Workshop: Exploring the AWS Console and Configuring Your First IAM Security Policy.

[Day 1 - Afternoon]

Essential Services, Financial Management, and Certification

- Computing (EC2, Lambda), Storage (S3, EBS), and Databases (RDS, DynamoDB)
- VPC Fundamentals and the Role of CloudFront in Global Performance
- Cloud Economics: Pricing Models (On-Demand vs. Reserved), Consolidated Billing, and Cost Explorer
- Passing the Exam: Methodology, Support Tools (Trusted Advisor), and Certification Practice Quiz
- Hands-on Workshop: Total Cost of Ownership (TCO) Calculation Simulation and Optimization Diagnosis via Trusted Advisor.

Target Audience

This training is intended for both individuals and companies, large or small, seeking to train their teams in new advanced IT technologies or to acquire specific business knowledge or modern methodologies.

Entry-Level Assessment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency in various types of technologies, as well as their expectations and personal goals regarding the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

Practical Course: 60% Practical, 40% Theory. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the trainer, supported by examples and reflection sessions, and group work.

Assessment

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been properly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training program.