

AWS Cloud Practitioner Certification

Rome (Italy)

2 - 6 December 2024

UK Training

PARTNER



AWS Cloud Practitioner Certification

Code: IT28 From: 2 - 6 December 2024 City: Rome (Italy) Fees: 4900 Pound

Introduction

The AWS Cloud Practitioner Certification is an entry-level certification offered by Amazon Web Services AWS that validates your knowledge of AWS Cloud concepts, services, and best practices. While the duration and specific course outlines can vary depending on the training provider, I can provide you with a general outline that covers the key topics typically covered in a 5-day AWS Cloud Practitioner Certification course

Course Objectives

- Gain a foundational understanding of AWS Cloud concepts, terminology, and services
- Learn about core AWS services and their use cases
- Understand basic architectural best practices and design principles in AWS
- Familiarize yourself with AWS pricing models, billing, and cost optimization
- Prepare for the AWS Cloud Practitioner Certification exam

Course Outlines

Day 1

Introduction to AWS Cloud and AWS Global Infrastructure

- Cloud computing basics and AWS Cloud value proposition
- Overview of AWS global infrastructure and regions
- Introduction to AWS Management Console and AWS Identity and Access Management IAM

Day 2

AWS Core Services and Architectural Best Practices

- Introduction to key AWS services e.g., Amazon EC2, Amazon S3, Amazon RDS
- AWS storage services and their use cases e.g., Amazon S3, Amazon EBS
- AWS compute services e.g., Amazon EC2, AWS Lambda
- Introduction to AWS networking services e.g., Amazon VPC
- Architectural best practices for AWS solutions

Day 3

Security, Identity, and Access Management in AWS



- Understanding AWS shared responsibility model for security
- AWS Identity and Access Management IAM fundamentals
- Security groups, network access control lists ACLs, and AWS Web Application Firewall WAF
- Data encryption options in AWS
- AWS services for monitoring and logging e.g., AWS CloudTrail, Amazon CloudWatch

Day 4

AWS Database Services and Cost Optimization

- Overview of AWS database services e.g., Amazon RDS, Amazon DynamoDB
- Introduction to serverless computing with AWS Lambda
- AWS billing and cost management best practices
- Cost optimization strategies and tools in AWS

Day 5

AWS Well-Architected Framework and Exam Preparation

- Introduction to the AWS Well-Architected Framework
- AWS Well-Architected pillars and design principles
- Exam preparation tips, practice questions, and mock exams
- Review of key concepts and exam readiness assessment



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