BLACKBIRD FOR TRAINING

AWS Cloud Practitioner Certification

30 August – 3 September 2027
Lyon (France)



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Ref: 321730_298278 **Date:** 30 August – 3 September 2027 **Location:** Lyon (France) **Fees:** 5900 GBP

Introduction

The AWS Cloud Practitioner Certification is a foundational credential offered by Amazon Web Services, designed to validate a clear understanding of AWS Cloud concepts, services, and best practices. It serves as an ideal starting point for anyone looking to build a solid grounding in cloud computing and how AWS environments operate.

This 1-week course provides a structured and practical introduction to AWS Cloud, combining essential theory with real-world context. Participants will explore AWS global infrastructure, core services, and key operational principles, while also gaining insight into security, pricing, and cost optimization.

Through a well-balanced learning approach, the course helps learners build confidence in navigating AWS environments and prepares them effectively for the AWS Cloud Practitioner Certification exam.

Course Objectives

By the end of this course, participants will be able to:

- Develop a strong understanding of AWS Cloud concepts, terminology, and services.
- Identify and apply AWS core services and their real-world use cases.
- Understand architectural best practices and design principles within AWS.
- Gain knowledge of AWS pricing models, billing processes, and cost optimization strategies.
- Understand the fundamentals of AWS security and AWS Identity and Access Management IAM.
- Prepare confidently for the AWS Cloud Practitioner Certification exam.

Course Outlines

Day 1: AWS Cloud Fundamentals and Infrastructure

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



Day 2: Core AWS Services and Architecture

- Overview of AWS core services such as Amazon EC2, Amazon S3, and Amazon RDS
- AWS storage services including Amazon S3 and Amazon EBS
- AWS compute services such as Amazon EC2 and AWS Lambda
- Introduction to networking with Amazon VPC
- Architectural best practices for designing AWS solutions

Day 3: Security and Access Management

- Understanding the AWS shared responsibility model
- Core concepts of AWS Identity and Access Management IAM
- Security tools including security groups, ACLs, and AWS WAF
- Data encryption options in AWS
- Monitoring and logging with AWS CloudTrail and Amazon CloudWatch

Day 4: Databases and Cost Optimization

- Overview of AWS database services such as Amazon RDS and Amazon DynamoDB
- Introduction to serverless computing using AWS Lambda
- AWS billing concepts and cost management practices
- Cost optimization strategies and tools in AWS

Day 5: Architecture Framework and Exam Preparation

- Introduction to the AWS Well-Architected Framework
- AWS Well-Architected pillars and design principles
- Exam preparation strategies, practice questions, and mock exams
- Final review and readiness assessment

Why Attend this Course: Wins & Losses!

- Build a solid foundation in AWS Cloud concepts and services
- Gain practical understanding of AWS core services and real-world applications
- Learn effective AWS pricing and cost optimization techniques
- Strengthen knowledge of AWS security and IAM practices
- Prepare thoroughly for the AWS Cloud Practitioner Certification

Conclusion

This course provides a clear and practical pathway to understanding AWS Cloud fundamentals and building essential cloud knowledge. By covering AWS core services, security principles, cost management, and the AWS Well-Architected Framework, participants gain the skills needed to navigate cloud environments with confidence.



Whether you are starting your cloud journey or looking to strengthen your professional capabilities, this course equips you with the knowledge and tools required to succeed and achieve the AWS Cloud Practitioner Certification.

