AWS Cloud Practitioner Certification: Mastering the Basics

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Barcelona (Spain)



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Ref: 20221130_169178 Duration: Barcelona (Spain) Fees: 5900 GBP

Why This Course

Understanding cloud computing is essential in today's technology-driven world, and Amazon Web Services AWS leads the industry with its comprehensive cloud solutions. This intensive 1-week program equips participants with foundational knowledge of AWS services, security, architecture, and cost management. Through a mix of theory, hands-on exercises, and exam-focused guidance, attendees will gain the skills and confidence to work effectively with AWS and prepare for the AWS Certified Cloud Practitioner exam.

What You'll Learn and Practice

By attending this course, you will be able to:

- Understand core AWS services, their use cases, and basic architecture.
- Grasp fundamental cloud concepts and AWS's global infrastructure.
- Apply AWS security best practices and comprehend the shared responsibility model.
- Navigate AWS pricing, billing, and cost management strategies.
- Prepare confidently for the AWS Certified Cloud Practitioner exam with practical tips and practice questions.

The Program Flow

Day 1: Introduction to Cloud Computing and AWS

- Cloud computing concepts and benefits
- Overview of AWS global infrastructure
- Introduction to core AWS services
- AWS Free Tier and account setup

Day 2: AWS Core Services Deep Dive

- Compute services: EC2, Lambda
- Storage services: S3, EBS
- Database services: RDS, DynamoDB
- Networking services: VPC, Route 53



Day 3: Security and Compliance in AWS

- AWS shared responsibility model
- Identity and Access Management IAM
- Overview of AWS security services
- Compliance management with AWS Artifact

Day 4: AWS Architecture and Support

- AWS Well-Architected Framework
- Designing for fault tolerance and high availability
- AWS support plans and Trusted Advisor
- Best practices for architecture optimization

Day 5: Pricing, Billing, and Exam Preparation

- AWS pricing models and Total Cost of Ownership TCO
- Billing, cost management, and reporting tools
- Exam strategies and practice questions
- Final review and Q&A session

Individual Impact

Participants will leave this program with:

- Practical experience using core AWS services.
- Skills to explain AWS solutions and their business value.
- Knowledge to optimize AWS costs and resource utilization.
- Confidence to pursue the AWS Certified Cloud Practitioner exam and further AWS certifications.

Organizational Impact

Organizations will benefit from:

- Teams capable of effectively leveraging AWS cloud services.
- Improved cost management and resource optimization in cloud deployments.
- Staff equipped to provide informed guidance on cloud adoption strategies.



Training Methodology

- Interactive lectures and demonstrations
- Hands-on labs and exercises with AWS services
- Case studies and real-world scenarios
- Exam-focused practice questions and review sessions

Beyond the Course

By the end of this 1-week program, participants will be ready to:

- Apply foundational AWS knowledge in real-world cloud projects.
- Advise on cloud adoption and cost optimization strategies.
- Confidently take the AWS Certified Cloud Practitioner exam.
- Build a pathway toward advanced AWS certifications.

