



AWS Certified Cloud Practitioner

Prepare for the AWS Certified Cloud Practitioner exam with comprehensive training covering AWS cloud concepts, services, security, architecture, pricing, and support. This entry-level certification validates your understanding of AWS cloud fundamentals.

Course Syllabus

Module 1: Cloud Concepts

- ◆ AWS Well-Architected Framework
- ◆ Cloud computing models (IaaS, PaaS, SaaS)
- ◆ Cloud deployment models
- ◆ Benefits of AWS cloud
- ◆ AWS shared responsibility model



Course Syllabus

Module 2: AWS Core Services

- ✦ Compute services (EC2, Lambda, Elastic Beanstalk)
- ✦ Storage services (S3, EBS, EFS)
- ✦ Database services (RDS, DynamoDB)
- ✦ Networking services (VPC, CloudFront)
- ✦ Analytics and machine learning services

Module 3: Security and Compliance

- ✦ AWS Identity and Access Management (IAM)
- ✦ AWS security services
- ✦ Data encryption and key management
- ✦ Compliance frameworks

Module 4: Technology & Architecture

- ✦ Architectural design principles
- ✦ Fault tolerance and high availability
- ✦ Disaster recovery strategies
- ✦ Microservices and serverless architectures
- ✦ Security best practices



Course Syllabus

Module 5: Billing and Pricing

- ◆ AWS pricing models
- ◆ Cost optimization strategies
- ◆ AWS billing and cost management tools
- ◆ Support plans comparison
- ◆ AWS Trusted Advisor