

Course Roadmap

AWS Cloud Technical Essentials is a fundamental-level course and will build your competence, confidence, and credibility with practical cloud skills that help you innovate and advance your professional future. Enroll in AWS Cloud Technical Essentials and start learning the technical fundamentals of AWS today!

MODULE
01

AWS Overview and Security

AWS global infrastructure
AWS Identity and Access Management (IAM) best practices
AWS account root user best practices
AWS APIs
AWS shared responsibility model

MODULE
02

Compute and Networking

Compute as a service
Amazon Elastic Compute Cloud (Amazon EC2)
Amazon EC2 instance lifecycle
AWS Lambda
Amazon Virtual Private Cloud (Amazon VPC)
Security groups

Network access control lists
Route tables
AWS Fargate
Internet gateways
Hybrid connectivity

MODULE
03

Storage and Databases on AWS

Amazon Simple Storage Service (Amazon S3)
Amazon Elastic File System (Amazon EFS)
Amazon Elastic Block Store (Amazon EBS)
Amazon Relational Database Service (Amazon RDS)
Amazon DynamoDB

MODULE
04

Monitoring and Optimization

Monitoring
Elastic Load Balancing (ELB)
Amazon EC2 Auto Scaling groups
Amazon CloudWatch
Amazon CloudWatch alarms
High availability