

AWS Certified Cloud Practitioner

Course Outline

- **Introduction to AWS:**
 - Benefits of AWS
 - On-demand delivery vs. cloud deployments
 - Pay-as-you-go pricing model
- **Compute in the Cloud:**
 - Amazon EC2 and Auto Scaling
 - Elastic Load Balancing
 - AWS compute options like Amazon SNS and SQS
- **Global Infrastructure and Reliability:**
 - AWS Global Infrastructure
 - Availability Zones, CloudFront, and Edge locations
- **Networking:**
 - Basic networking concepts
 - Public and private networking resources
 - VPN and AWS Direct Connect
- **Storage and Databases:**
 - Amazon EBS, S3, EFS, RDS, and DynamoDB
 - Storage and database solutions
- **Security:**
 - Shared responsibility model
 - Multi-factor authentication (MFA)
 - AWS IAM, Organizations, and compliance
- **Monitoring and Analytics:**
 - Amazon CloudWatch, CloudTrail, and Trusted Advisor
- **Pricing and Support:**
 - AWS pricing models and Free Tier
 - AWS Budgets, Cost Explorer, and Support Plans
- **Migration and Innovation:**
 - AWS Cloud Adoption Framework (CAF)
 - Data migration solutions like AWS Snowball and Snowmobile
- **AWS Certified Cloud Practitioner Basics:**
 - Resources for exam preparation
 - Benefits of AWS Certification