AWS Certified Cloud Practitioner

Content

- **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