AWS Cloud Practitioner Essentials: Additional Resources

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Module 1: Introduction to Amazon Web Services

- AWS glossary
- Whitepaper: Overview of Amazon Web Services
- AWS Fundamentals: Overview
- What is cloud computing?
- Types of cloud computing
- Cloud computing with AWS

Module 2: Compute in the Cloud

- Compute on AWS
- AWS Compute Blog
- AWS Compute Services
- Hands-On Tutorials: Compute
- Category Deep Dive: Serverless
- AWS Customer Stories: Serverless

Module 3: Global Infrastructure and Reliability

- Global Infrastructure
- Interactive map of the AWS Global Infrastructure
- Regions and Availability Zones
- AWS Networking and Content Delivery Blog
- Tools to Build on AWS
- AWS Customer Stories: Content Delivery

Module 4: Networking

- Networking and Content Delivery on AWS
- AWS Networking & Content Delivery Blog
- Amazon Virtual Private Cloud
- What is Amazon VPC?
- How Amazon VPC works

Module 5: Storage and Databases

- Cloud Storage on AWS
- AWS Storage Blog
- Hands-On Tutorials: Storage
- AWS Customer Stories: Storage
- AWS Database Migration Service
- Databases on AWS
- Category Deep Dive: Databases
- AWS Database Blog
- AWS Customer Stories: Databases

Module 6: Security

- Security, Identity, and Compliance on AWS
- Whitepaper: Introduction to AWS Security
- Whitepaper: Amazon Web Services Overview of Security Processes
- AWS Security Blog
- AWS Compliance

• AWS Customer Stories: Security, Identity, and Compliance

Module 7: Monitoring and Analytics

- Management and Governance on AWS
- Monitoring and Observability
- Configuration, Compliance, and Auditing
- AWS Management & Governance Blog
- Whitepaper: AWS Governance at Scale

Module 8: Pricing and Support

- AWS Pricing
- AWS Free Tier
- AWS Cost Management
- Whitepaper: How AWS Pricing Works
- Whitepaper: Introduction to AWS Economics
- AWS Support
- AWS Knowledge Center

Module 9: Migration and Innovation

- Migration & Transfer on AWS
- A Process for Mass Migrations to the Cloud
- <u>6 Strategies for Migrating Applications to the Cloud</u>
- AWS Cloud Adoption Framework
- AWS Fundamentals: Core Concepts
- AWS Cloud Enterprise Strategy Blog
- Modernizing with AWS Blog

- AWS Customer Stories: Data Center Migration
- AWS Well-Architected

- Whitepaper: AWS Well-Architected Framework
- AWS Architecture Center
- Six Advantages of Cloud Computing
- AWS Architecture Blog

Module 10: AWS Certified Cloud Practitioner Basics

- AWS Certified Cloud Practitioner
- Exam Guide
- Sample Questions
- Whitepapers and resources:
 - Overview of Amazon Web Services
 - How AWS Pricing Works
 - Compare AWS Support Plans

Labs

Self-paced labs offer the opportunity to learn about AWS services in a hands-on format.

Recommended labs include:

- Introduction to Amazon Simple Storage Service (S3)
- Introduction to AWS Lambda
- Introduction to Amazon CloudFront