**Module 1: Introduction to Amazon Web Services**

* Summarize the benefits of AWS
* Describe differences between on-demand delivery and cloud deployments
* Summarize the pay-as-you-go pricing model

**Module 2: Compute in the Cloud**

* Describe the benefits of Amazon Elastic Compute Cloud (Amazon EC2) at a basic level
* Identify the different Amazon EC2 instance types
* Differentiate between the various billing options for Amazon EC2
* Describe the benefits of Amazon EC2 Auto Scaling
* Summarize the benefits of Elastic Load Balancing
* Give an example of the uses for Elastic Load Balancing
* Summarize the differences between Amazon Simple Notification Service (Amazon SNS) and Amazon Simple Queue Services (Amazon SQS)
* Summarize additional AWS compute options

**Module 3: Global Infrastructure and Reliability**

* Summarize the benefits of the AWS Global Infrastructure
* Describe the basic concept of Availability Zones
* Describe the benefits of Amazon CloudFront and Edge locations
* Compare different methods for provisioning AWS services

**Module 4: Networking**

* Describe the basic concepts of networking
* Describe the difference between public and private networking resources
* Explain a virtual private gateway using a real life scenario
* Explain a virtual private network (VPN) using a real life scenario
* Describe the benefit of AWS Direct Connect
* Describe the benefit of hybrid deployments
* Describe the layers of security used in an IT strategy
* Describe which services are used to interact with the AWS global network

**Module 5: Storage and Databases**

* Summarize the basic concept of storage and databases
* Describe benefits of Amazon Elastic Block Store (Amazon EBS)
* Describe benefits of Amazon Simple Storage Service (Amazon S3)
* Describe the benefits of Amazon Elastic File System (Amazon EFS)
* Summarize various storage solutions
* Describe the benefits of Amazon Relational Database Service (Amazon RDS)
* Describe the benefits of Amazon DynamoDB
* Summarize various database services

**Module 6: Security**

* Explain the benefits of the shared responsibility model
* Describe multi-factor authentication (MFA)
* Differentiate between the AWS Identity and Access Management (IAM) security levels
* Describe security policies at a basic level
* Explain the benefits of AWS Organizations
* Summarize the benefits of compliance with AWS
* Explain primary AWS security services at a basic level

**Module 7: Monitoring and Analytics**

* Summarize approaches to monitoring your AWS environment
* Describe the benefits of Amazon CloudWatch
* Describe the benefits of AWS CloudTrail
* Describe the benefits of AWS Trusted Advisor

**Module 8: Pricing and Support**

* Understand AWS pricing and support models
* Describe the AWS Free Tier
* Describe key benefits of AWS Organizations and consolidated billing
* Explain the benefits of AWS Budgets
* Explain the benefits of AWS Cost Explorer
* Explain the primary benefits of the AWS Pricing Calculator
* Distinguish between the various AWS Support Plans
* Describe the benefits of AWS Marketplace

**Module 9: Migration and Innovation**

* Understand migration and innovation in the AWS Cloud
* Summarize the AWS Cloud Adoption Framework (AWS CAF)
* Summarize six key factors of a cloud migration strategy
* Describe the benefits of various AWS data migration solutions, such as AWS Snowcone, AWS Snowball, and AWS Snowmobile
* Summarize the broad scope of innovative solutions that AWS offers

**Module 10: The Cloud Journey**

* Summarize the five pillars of the AWS Well-Architected Framework
* Explain the six benefits of cloud computing

**Module 11: AWS Certified Cloud Practitioner Basics**

* Determine resources for preparing for the AWS Certified Cloud Practitioner examination
* Describe benefits of becoming AWS Certified

**Course Final Assessment**

* Solve questions similar to those found within the AWS Certified Cloud Practitioner examination

**Exam domains**

The AWS Certified Cloud Practitioner exam includes four domains:

Cloud Concepts

Security and Compliance

Technology

Billing and Pricing