

AWS Partner: AWS Cloud Practitioner Essentials

Temario

1. Module 1: Introduction to Amazon Web Services
 - 1.1 Summarize the benefits of AWS
 - 1.2 Describe differences between on-demand delivery and cloud deployments
 - 1.3 Summarize the pay-as-you-go pricing model
2. Module 2: Compute in the Cloud
 - 2.1 Describe the benefits of Amazon Elastic Compute Cloud (Amazon EC2) at a basic level
 - 2.2 Identify the different Amazon EC2 instance types
 - 2.3 Differentiate between the various billing options for Amazon EC2
 - 2.4 Describe the benefits of Amazon EC2 Auto Scaling
 - 2.5 Summarize the benefits of Elastic Load Balancing
 - 2.6 Give an example of the uses for Elastic Load Balancing
 - 2.7 Summarize the differences between Amazon Simple Notification Service (Amazon SNS) and Amazon Simple Queue Services (Amazon SQS)
 - 2.8 Summarize additional AWS compute options
3. Module 3: Global Infrastructure and Reliability
 - 3.1 Summarize the benefits of the AWS Global Infrastructure
 - 3.2 Describe the basic concept of Availability Zones
 - 3.3 Describe the benefits of Amazon CloudFront and Edge locations
 - 3.4 Compare different methods for provisioning AWS services
4. Module 4: Networking
 - 4.1 Describe the basic concepts of networking
 - 4.2 Describe the difference between public and private networking resources
 - 4.3 Explain a virtual private gateway using a real life scenario
 - 4.4 Explain a virtual private network (VPN) using a real life scenario
 - 4.5 Describe the benefit of AWS Direct Connect
 - 4.6 Describe the benefit of hybrid deployments
 - 4.7 Describe the layers of security used in an IT strategy
 - 4.8 Describe which services are used to interact with the AWS global network
5. Module 5: Storage and Databases
 - 5.1 Summarize the basic concept of storage and databases
 - 5.2 Describe benefits of Amazon Elastic Block Store (Amazon EBS)
 - 5.3 Describe benefits of Amazon Simple Storage Service (Amazon S3)
 - 5.4 Describe the benefits of Amazon Elastic File System (Amazon EFS)
 - 5.5 Summarize various storage solutions
 - 5.6 Describe the benefits of Amazon Relational Database Service (Amazon RDS)
 - 5.7 Describe the benefits of Amazon DynamoDB
 - 5.8 Summarize various database services

6. Module 6: Security
 - 6.1 Explain the benefits of the shared responsibility model
 - 6.2 Describe multi-factor authentication (MFA)
 - 6.3 Differentiate between the AWS Identity and Access Management (IAM) security level
 - 6.4 Describe security policies at a basic level
 - 6.5 Explain the benefits of AWS Organizations
 - 6.6 Summarize the benefits of compliance with AWS
 - 6.7 Explain primary AWS security services at a basic level
7. Module 7: Monitoring and Analytics
 - 7.1 Summarize approaches to monitoring your AWS environment
 - 7.2 Describe the benefits of Amazon CloudWatch
 - 7.3 Describe the benefits of AWS CloudTrail
 - 7.4 Describe the benefits of AWS Trusted Advisor
8. Module 8: Pricing and Support
 - 8.1 Understand AWS pricing and support models
 - 8.2 Describe the AWS Free Tier
 - 8.3 Describe key benefits of AWS Organizations and consolidated billing
 - 8.4 Explain the benefits of AWS Budgets
 - 8.5 Explain the benefits of AWS Cost Explorer
 - 8.6 Explain the primary benefits of the AWS Pricing Calculator
 - 8.7 Distinguish between the various AWS Support Plans
 - 8.8 Describe the benefits of AWS Marketplace
9. Module 9: Migration and Innovation
 - 9.1 Understand migration and innovation in the AWS Cloud
 - 9.2 Summarize the AWS Cloud Adoption Framework (AWS CAF)
 - 9.3 Summarize six key factors of a cloud migration strategy
 - 9.4 Describe the benefits of various AWS data migration solutions, such as AWS Snowcone, AWS Snowball, and AWS Snowmobile
 - 9.5 Summarize the broad scope of innovative solutions that AWS offers
 - 9.6 Summarize the five pillars of the AWS Well-Architected Framework
10. Module 10: AWS Certified Cloud Practitioner Basics
 - 10.1 Determine resources for preparing for the AWS Certified Cloud Practitioner examination
 - 10.2 Describe benefits of becoming AWS Certified Course Final Assessment
 - 10.3 Solve questions similar to those found within the AWS Cloud Practitioner Certification examination