

Course Material and Timeline:

Syllabus :

Cloud Concepts - 28%

Security - 24%

Technology - 36%

Billing and Pricing - 12%

Objectives

1. Summarize the working definition of AWS
2. Differentiate between on-premises, hybrid-cloud, and all-in cloud models
3. Describe the basic global infrastructure of the AWS Cloud
4. Explain the six main benefits of the AWS Cloud
5. Describe and provide an example of the core AWS services, including compute, network, database, and storage services
6. Identify an appropriate solution using AWS Cloud services for various use cases
7. Describe the AWS Well-Architected Framework
8. Explain the AWS Shared Responsibility Model
9. Describe the core security services within the AWS Cloud
10. Describe the basics of AWS Cloud migration
11. Articulate the financial benefits of the AWS Cloud for your organization's cost management
12. Define the core billing, account management, and pricing models
13. Explain how to use pricing tools to make cost-effective choices for AWS services

Syllabus (Detailed with Timeline);

Domain 1: Cloud Concepts (Week 1)

- 1.1 Define the AWS Cloud and its value proposition
- 1.2 Identify aspects of AWS Cloud economics
- 1.3 List the different cloud architecture design principles

Domain 2: Security (Week1)

- 2.1 Define the AWS Shared Responsibility model
- 2.2 Define AWS Cloud security and compliance concepts
- 2.3 Identify AWS access management capabilities
- 2.4 Identify resources for security support Domain

3: Technology (Week 2)

3.1 Define methods of deploying and operating in the AWS Cloud

3.2 Define the AWS global infrastructure

3.3 Identify the core AWS services

3.4 Identify resources for technology support Domain

4: Billing and Pricing (Week 2)

4.1 Compare and contrast the various pricing models for AWS

4.2 Recognize the various account structures in relation to AWS billing and pricing

4.3 Identify resources available for billing support

Courses to be followed :

<https://www.youtube.com/watch?v=XjPUyGKRjZs>

<https://aws.amazon.com/training/digital/aws-cloud-practitioner-essentials/>

(And Courses from Udemy and other online courses sites)

Books:

[https://github.com/mohankumarbm/aws-ccp-certification/blob/master/Ben%20Piper_%20David%20Clinton%20-%20Aws%20Certified%20Cloud%20Practitioner%20Study%20Guide_%20CIf-C01%20Exam-Sybex%20\(2019\).pdf](https://github.com/mohankumarbm/aws-ccp-certification/blob/master/Ben%20Piper_%20David%20Clinton%20-%20Aws%20Certified%20Cloud%20Practitioner%20Study%20Guide_%20CIf-C01%20Exam-Sybex%20(2019).pdf)

https://ptgmedia.pearsoncmg.com/images/9780789760487/samplepages/9780789760487_Sample.pdf

<https://digitalcloud.training/aws-certification-books/>

Sample Exam, White papers and other useful materials:

<https://digitalcloud.training/amazon-aws-free-certification-training-cloud-practitioner/>