

AWS Certified Cloud Practitioner  
Training Bootcamp

# Content Overview & Recommended Study Guidelines

# Download Course Slides and Whitepapers

- Download all 400+ Course Slides
- Download AWS Whitepapers – Recommended Reading
- Download useful files, code and policies used throughout the course

# Module 1 – Course Introduction

- **Let's Create your AWS Free Tier Account**
- **Mac OS Users - Environment Preparation**
- **Windows OS Users - Environment Preparation**
- **AWS Certified Cloud Practitioner Official Exam Blueprint**

# Module 2 – AWS Cloud Introduction

- Introduction to AWS Cloud Computing
- The Six Advantages of AWS Cloud Computing
- AWS Global Infrastructure - Regions, Availability Zones and Edge Locations
- AWS Management Interfaces - How to Interact with AWS Cloud Platform

# Module 3 – AWS Core Services – The Backbone

- In this module we literally deep dive into AWS 😊
- For every topic covered, we first lay down the foundation from a theoretical perspective and then move on to AWS Management Console or CLI for hands-on labs
- First create a Billing Alarm – monitor our potential spending in AWS
- Continue with AWS Core Services, like ...

# Module 3 – AWS Core Services – The Backbone

- Identity Access Management (IAM)
- Virtual Private Cloud (VPC)
- Elastic Compute Cloud (EC2)
- Security Groups
- Elastic Block Store (EBS)
- Simple Storage Service (S3)

# Module 4 – AWS Key Services

- Following same approach as Module 3, first understanding the technology, what it does, what problem does it solve and why it was invented?! and hands-on labs
- AWS Key Services covered in this module:
  - Route 53
  - AWS CloudFront
  - Application Load Balancer

# Module 4 – AWS Key Services

- Auto Scaling
- Relational Database Service (RDS)
- AWS Lambda
- AWS Elastic Beanstalk
- CloudFormation
- Simple Notification Service(SNS) and CloudWatch



# Module 5 – Billing, Pricing and AWS Support Levels

- **Fundamentals of Pricing**
- **Cost Optimization through Reservations**
- **AWS Cost Calculators**
- **AWS Trusted Advisor**
- **AWS Support Plans**

# Module 6 – Security in AWS

- Introduction to AWS Security
- AWS WAF, Shield & Firewall Manager
- AWS Inspector

# Module 7 – AWS Architecture Best Practices

- Module is based on AWS Whitepaper - Architecting for the Cloud, AWS Best Practices – October 2018
- This module covers AWS best practices from the architecture perspective
- Topics covered in this module include, for example:
  - Design Principles – Scalability
  - Design Principles – Automation
  - Design Principles – Loose Coupling
  - and more ...

# Module 8 – AWS Services High Level Overview

- This module covers a high level overview on most important AWS services ! Fast Recap before the EXAM!
- Based on AWS Whitepaper - Overview of Amazon Web Services – July 2019 (recommended reading list)
- May seem dry – PPT based, but it is important for CCP exam
- Easy consume content, sections vary in length between 1-5 minutes in general

# Module 8 – AWS Services High Level Overview

- Content is covered by category, as it is available in AWS Management Console
- Some examples:
  - Compute Services
  - Storage Services
  - Database Services
  - Networking and Content Delivery
  - etc.

# Module End Quizzes & Exam Hints

- Maximize your chances for the AWS CCP!
- Don't skip the following:
  - Halfway quizzes
  - Module end quizzes
  - Module completion and exam hints

# Module 9 – AWS Account Cleanup

- In this section, we will cleanup your AWS Account
- With AWS, you pay as you use the service !
- Delete resources and stop every running AWS service in our AWS account, so that you will not get charged by AWS

# Module 10 – Final Exam Tests

- It is time to test your knowledge and potentially to learn even more
- 2 Full Practice tests in this module
  - 65Qs each
  - 100 minutes to complete
  - 70% passing score (70ish in the real exam)
- Good luck ! 😊



# Module 11 – Exam Booking

- We will wrap-up the course after we cover exam booking !
- What portal to use ?
- What is the exam code ?
- What are the options ?
  - PSI or Pearson VUE exam test centers

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Thank you