

AWS Certified Cloud Practitioner
Training Bootcamp

Content Overview & Recommended Study Guidelines

Module 1 – Course Introduction

- **AWS Certifications Track - Overview and Recomm. Path**
- **AWS Certified Cloud Practitioner Official Exam Blueprint**
- **Let's Create your AWS Free Tier Account**
- **Mac OS Users - Environment Preparation**
- **Windows OS Users - Environment Preparation**

Download Course Slides and Whitepapers

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

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 Services High Level Overview

- This module covers a high level overview on most important AWS services
- Based on AWS Whitepaper - Overview of Amazon Web Services – April 2017 (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 3 – 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 4 – 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 4 – 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 5 – AWS Key Services

- Following same approach as Module 4, first understanding the technology, what it does, what problem does it solve and why it was evented ?! and hands-on labs
- AWS Key Services covered in this module:
 - Route 53
 - AWS CloudFront
 - Application Load Balancer

Module 5 – AWS Key Services

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

Module 6 – Billing, Pricing and AWS Support Levels

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

Module 7 – Security in AWS

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

Module 8 – AWS Architecture Best Practices

- Module is based on AWS Whitepaper - Architecting for the Cloud, AWS Best Practices – February 2016
- 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 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 we will not get charged for nothing

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
 - 80% passing score (70ish in the real exam)
- Good luck ! 😊

Module 11 – Course Summary

- 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