

Learn Cloud Computing With AWS From Scratch

Modality: Self-Paced Learning

Duration: 4 Hours

AWS is the biggest brand in cloud services with the highest market share and a very great growth rate, as the most common brand. This program will provide you with the critical training required to get started on different Amazon services. You'll learn about all of Amazon's common cloud and infrastructure services, and focus on realistic examples. The training deals with the following topics

- Overview of AWS Infrastructure
- Concepts and principles of AWS
- Amazon Web Services System Administration
- Web Infrastructure by using EC2
- Dynamo Database used as NoSQL Database
- Using the website's Load Balancers and Cloud Front
- Storage infrastructure by using S3
- Amazon Simple Email & Messaging Services

The program touches on the theoretical principles and also the application of technology in reality. The participant must use the principles as they explore each section to create real-world infrastructure utilizing AWS.

Prerequisite:

- Fundamental understanding of Linux commands
- Free access to AWS account would be beneficial

Course Outline:

SECTION 1 : Introduction

- Introduction

SECTION 2 : Introduction to AWS

- AWS_Overview
- AWSOverviewP2

SECTION 3 : AWS System Administration

- AWS System Administration
- Set up of the SDK

SECTION 4 : AWS Infrastructure As A Service IAAS

- EC2 Virtual Servers
- Security group, Key pair and setting up the first EC2 box

SECTION 5 : AWS Platform As A Service PAAS

- Set up a DynamoDB Service
- Set up a S3 Service

SECTION 6 : AWS Network As A Service

- AWS Cloudfront Application
- Load Balancing and Provisioning

SECTION 7 : AWS Simple Services

- Simple Services
- Simple Services Email Application
- 13.Simple Services Queue Service Application

SECTION 8 : Summary

- Summary