

Fundamentals of AWS

Overview

Fundamentals of AWS by CloudThat is for anyone with an IT background who is interested in understanding what is Cloud Computing. It will equip you with basic knowledge of Cloud Technologies in use now. Cloud Computing has grown from being just a buzzword to a serious business decision that many businesses are contemplating. Therefore, knowledge about it is necessary to make a clear and strategic plan to move applications and services to the Cloud.

Prerequisite Comments

Some IT industry work experience or those pursuing a degree in the IT field

Target Audience

IT Professionals working in the software industry who wants to formally get the fundamental understanding of Cloud computing technologies
Software developers who wants to start understanding cloud technologies to be developing cloud applications in the future
Startups that wants to build their IT infrastructure in the cloud at a fraction of the cost of traditional methods
DBAs who want to morph into Cloud Database Administrators
System Administrators who wants to manage cloud infrastructure and networks
Students who wants to make their resumes more attractive to the prospective employers

Course Objectives

After completing this course, the participants can go on any AWS Certification track of their choice

Course Outline

- 1 - What is Cloud Computing? Why it matters?**
- 2 - Traditional IT Infrastructure**
- 3 - Cloud Infrastructure and Cloud Advantage**
- 4 - Examples of Cloud Advantage**
- 5 - Cloud Companies**

6 - Use Cases

7 - Cloud Segments: IaaS, PaaS, SaaS

8 - Cloud Deployment Models

9 - Cloud Security

10 - Fundamentals of AWS

11 - Overview of AWS Services

12 - Regions

13 - Availability Zones and Data Centers

14 - AWS Credentials

15 - Review of Major AWS Services

16 - Hands-on: Simple Storage Service (S3) and Elastic Compute Cloud Labs
