

Fundamentals of AWS -Beginner Level

Modality: Virtual Classroom

Duration: 1 Day

About this course:

Practical labs are a part of the course, which can be implemented using the AWS Console. All of the students can set up their AWS Account with the Labs Set Up document that will be provided by the CloudThat Technologies.

Audience:

The target audience for this course is:

- IT professionals who are already working in a software house and want to learn about the fundamentals of Cloud computing
- Software engineers who want to broaden their horizons and venture into cloud technologies and applications, and their development
- Startups who want to leverage the cloud to build their IT infrastructure
- Database administrators who wish to venture into Cloud Database Administration
- System Administrators who are responsible to manage Cloud Infrastructure and Networks
- Students who wish to add skill to their resume so that it becomes more desirable for prospective employers

Prerequisite:

Some experience of working in the IT industry or an on-going degree in the field of information technology are the only two pre-requisites.

Course Outline:

- What is Cloud Computing? Why it matters?
- Traditional IT Infrastructure
- Cloud Infrastructure and Cloud Advantage
- Examples of Cloud Advantage
- Cloud Companies
- Examples of Cloud Services
- Use Cases
- Cloud Segments: IaaS, PaaS, SaaS
- Cloud Deployment Models
- Cloud Security
- Fundamentals of AWS
- Overview of AWS Services
- Regions
- Availability Zones and data centers

- AWS Credentials
- Review of major AWS services

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