**AWS Course Content**

**1. Introduction to Cloud Computing**

Learn What Cloud Computing is and what are the different models of Cloud Computing along with the key differentiators of different models in AWS training.

* Introduction to Cloud Computing
* AWS Management Console
* AWS Architecture
* Setting up of the AWS Account

**2. Amazon EC2 and Amazon EBS**

Next, we will focus on Introduction to compute offering from AWS called EC2, different instance types and Amazon AMIs, how to launch an AWS EC2 instance, connect with an instance, hosting a website on AWS EC2 instance and how to setup EBS storage Architecture (AWS persistent storage) and the concepts of AMI and snapshots.

* Demo of AMI Creation
* Amazon EC2
* Amazon EBS, Backup, Restore
* EC2 Services and EBS persistent storage

**3. Amazon Storage Services: Glaciers, S3, RRS**

Learn various kind of scalable storage services in AWS training, that are provided by AWS, RRS & Glacier, how to host a static website on AWS, we will also focus on monitoring AWS resources, setting up alerts and notifications for usage and billing.

* AWS Storage Services: S3
* Amazon Cloud Watch
* RRS & Glacier
* Alerts
* Notification

**4. Scaling and Load Distribution in Amazon Web Services**

It is one of the key modules of AWS training. You will learn about ‘Scaling’ and ‘Load distribution techniques in AWS, also including Load distribution and scaling your resources horizontally based on time or activity.

* Amazon Scaling Service: ELB and Auto Scaling

**5.** **Identity and Access Management Techniques (IAM)**

In this module, you will learn how to achieve distribution of access control with AWS using IAM, how to manage relational database service of AWS called RDS and will also cover AWS NoSQL service DynamoDB.

* Amazon IAM Overview
* Amazon RDS

**6. Multiple AWS Services and Managing The Resource's Life-Cycle**

Overview of multiple AWS services, how to manage life cycle of AWS resources and follow the DevOps model and also about notification, email service of AWS along with Content Distribution Service.

* AWS CloudFront
* AWS Import / Export
* AWS VPC
* Overview of AWS Products such as Elastibean Stalk
* Cloud Formation
* AWS OpsWorks SNS
* SES