



AWS FUNDAMENTALS FOR SYSTEM ADMINISTRATORS

SYLLABUS

15- 20 hours
(Hands on Lab)

SECTION 1:

Fundamentals of Cloud Computing

- » Introduction to Cloud Computing
- » Cloud Environment Architecture
- » Cloud Computing Models

SECTION 3:

Storage

- » Introduction to Elastic Block Store - EBS
- » EBS Snapshots
- » EBS Volume Types
- » Introduction to Simple Storage Service (S3)

SECTION 5:

Identity & Access Management

- » Understanding the IAM Policies
- » IAM User, IAM Policy and IAM Role

SECTION 2:

Infrastructure & Networking

- » Introduction to Amazon Web Services
- » VPC & Subnets
- » IP Addressing in AWS
- » Understanding AWS Security Groups
- » Launching our first EC2 instance
- » EC2 instance types & Pricing Models

SECTION 4:

Elastic Load Balancers

- » Understanding High Availability Configuration
- » ELB Configuration
- » Auto Scaling

SECTION 6:

Relational Databases

- » Introduction to Relational Databases
- » Creating our first database structure in MySQL



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