

Course Syllabus

AWS Fundamentals for System Administrators

15- 20 hours (Hands on Lab)

Section 1:

Fundamentals of Cloud Computing

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

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 3:

Storage

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

Section 4:

Elastic Load Balancers

- Understanding High Availability Configuration
- ELB Configuration
- Auto Scaling

Section 5:

Identity & Access Management

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

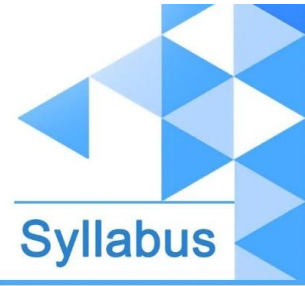
Section 6:

Relational Databases

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



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