POSITIVE QUADRANT
T E C H N O L O G I E S
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AWS Solutions Architect

(Amazon Web Services Cloud)

30 Hours

Programming & Development

Cloud hosted web sites and applications are the future of Information Technology. Amazon Web Services (AWS) is a secure cloud services platform, offering compute power, database storage, content delivery, highly reliable, scalable, low-cost pay-for-what-you-use infrastructure platform on the cloud. AWS powers hundreds of thousands of businesses around the world and offers other functionality to help businesses scale and grow.

As Cloud Computing has become very popular, there is a great demand for System and Cloud Administrators with AWS skills.

This course is taught by industry experts from TOP MNC.

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AWS Solution Architect (Amazon Web Services Course)

1) Introduction to Cloud Computing
2) AWS Infrastructure & Networking Services
3) AWS Storage Services
4) AWS Elastic Load Balancers
5) AWS Identity & Access Management
6) AWS Relational Databases
7) AWS Lambda and API
8) AWS Building Scalable Applications
9) AWS Monitoring

Course Content

Introduction to Cloud Computing

➢ Introduction to Cloud Computing

➢ Cloud Environment Architecture

➢ Cloud Computing Models

AWS Infrastructure & Networking Services

➢ Introduction to Amazon Web Services

➢ AWS Global Infrastructure

➢ Introduction to Network Switches & Virtual Private Cloud

➢ VPC & Subnets

➢ Internet Gateways, VPC Peering & NAT Gateways

➢ IP Addressing in AWS

➢ Understanding AWS Security Groups

➢ Launching our first EC2 instance

➢ EC2 instance types & Pricing Models

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- AWS Lambda and API
- Getting started with AWS Lambda
- Introduction to API
- Understanding working of API
- Building our API with API Gateway Section

AWS Storage Services

- Introduction to Block & Object storage mechanism
- Introduction to Elastic Block Store - EBS
- EBS Snapshots
- EBS Volume Types
- Instance Store Volumes
- Introduction to Simple Storage Service (S3)
- Features of S3 Shared and Paid AMI

AWS Elastic Load Balancers

- Understanding High Availability Configuration
- ELB Configuration Elasticity
- Auto Scaling Section

AWS Identity & Access Management

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

AWS Relational Databases

- Introduction to Relational Databases
- Creating our first database structure in MySQL
- Getting started with DynamoDB

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AWS Domain Name System

- ➢ Introduction to DNS
- ➢ Understanding DNS Records
- ➢ Introduction to Route53 Section

AWS Lambda and API

- ➢ Getting started with AWS Lambda
- ➢ Introduction to API
- ➢ Understanding working of API
- ➢ Building our API with API Gateway Section

AWS Building Scalable Applications

- ➢ Introduction to Message Brokers
- ➢ Understanding SQS
- ➢ Understanding Simple Notification Service (SNS) Section

AWS Monitoring

- ➢ Understanding CloudWatch
- ➢ Auditing AWS environment with CloudTrail