

AWS Course Syllabus of TIC Academy

Introduction to Cloud

Introduction to Cloud Computing

Introduction to Amazon Web services

AWS-Identity and Access Management

AWS Management Console and Creating AWS Account

Configuring IAM users, groups and policies – Secret Keys and API Access

Multi factor Authentication

Storage Services

Amazon S3, Glacier, AWS Import/Export Snowball, Storage Gateway.

Creating S3 buckets, putting and getting objects from S3, hosting a static website on S3

Version Control and Life cycle Management

Cloud front- Creating and configuring a Cloud front Distribution.

Compute Services

Amazon EC2 – Instance types, families, generations

Amazon EBS – Magnetic, SSD, Provisioned IOPS, Snapshots& Encryption

Amazon VPC – Subnets, ACLs, Routing rules, Security Groups

Creating a VPC, creating EC2 instances and configuring all necessary

Services, attaching EBS volumes, Elastic IPs, etc.

High Availability& Fault Tolerance

Amazon ELB

Amazon Auto-scaling – Launch Configurations, Policies and Groups

configuration of auto-scaling rules and using them to automatically scale- up and Scale-down EC2 instances.

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Database Services

AWS Database services overview – RDS, DynamoDB, ElastiCache, Redshift, Amazon Aurora.

Creating RDS instances, configuring Multi-AZ fail over, accessing a database hosted on RDS

Application Services

AWS Services Overview – SES, SNS, SQS, SWF

configuring Simple Email Service SES

Automation Tools

AWS Services Overview – CloudFormation, OpsWorks and Elastic Beanstalk

Fundamentals of CloudFormation templates

Creating and working with cloudFormation templates and deploying a Stack using them.

Architecting with AWS

High Availability Design, Backup and DR

Design guidelines and best practices

Cost Estimation using Simple Monthly Calculator

Consolidated Billing

Project

Deploying a 3-tier web-application using AWS services

Exam Preparation

Preparation tips for AWS SA-Associate Level Certification exam

AWS Whitepapers and FAQ's Overview

For Course Details Please Visit:

<http://www.traininginchennai.co.in/aws-training-in-chennai/>