

Amazon Web Services: Basic

Modality: On Demand

Duration: 6 Hours

About this course:

This course will introduce students to Amazon Web Services, as well as teach them about services and support, creation, security, best practices, net and content delivery, storage and object lifecycles, and EC2.

The average salary for AWS Administrator is **\$108,046** per year.

Course Objective:

- Amazon Services and Support
- Creation, Security, and Best Practices
- Net and Content Delivery
- Storage and Object Lifecycles
- EC2

Audience:

- The Amazon Web Services: Basic course is intended for:
- IT professionals responsible for presenting and proposing the technical solutions for AWS to customers
- IT professionals responsible for designing the AWS solutions
- IT professionals responsible for designing the AWS solutions
- Beginners, wanting to learn about AWS basics
- System administrators and other IT staff members of an organization interested in using AWS services

Prerequisite:

- There are no formal pre-requisites to undertake this course. However, the students must have basic understanding of the concept, benefits, uses and functionalities of public, private and hybrid clouds.
- This accompanied with basic computer literacy, networking and knowledge of WAN connectivity helps the students to understand the concepts taught in this course completely.

Course Outline:

Chapter 01 - Amazon Services and Support

- Topic A: Overview - Part 1

- Overview - Part 2
- Overview - Part 3
- Topic B: Core Services - Part 1
 - Core Services - Part 2
 - Core Services - Part 3
- Topic C: Services Continued - Part 1
 - Services Continued - Part 2
 - Services Continued - Part 3
- Topic D: Support - Part 1
 - Support - Part 2
 - Support - Part 3

Chapter 02 - Creation, Security, and Best Practices

- Topic A: Creating an AWS Account - Part 1
 - Creating an AWS Account - Part 2
 - Creating an AWS Account - Part 3
- Topic B: Security Services - Part 1
 - Security Services - Part 2
 - Security Services - Part 3
- Topic C: IAM - Part 1
 - IAM - Part 2
 - IAM - Part 3
- Topic D: Roles, Policies, and Best Practices - Part 1
 - Roles, Policies, and Best Practices - Part 2
 - Roles, Policies, and Best Practices - Part 3

Chapter 03 - Net and Content Delivery

- Topic A: Net and Content Delivery - Part 1
 - Net and Content Delivery - Part 2
 - Net and Content Delivery - Part 3
- Topic B: RTS - Part 1
 - RTS - Part 2
 - RTS - Part 3
- Topic C: VPC - Part 1
 - VPC - Part 2
 - VPC - Part 3
- Topic D: VPC Security - Part 1
 - VPC Security - Part 2
 - VPC Security - Part 3

Chapter 04 - Storage and Object Lifecycles

- Topic A: Storage Overview - Part 1
 - Storage Overview - Part 2
 - Storage Overview - Part 3
- Topic B: Object Lifecycle, Versioning, and Permissions - Part 1

- Object Lifecycle, Versioning, and Permissions - Part 2
- Object Lifecycle, Versioning, and Permissions - Part 3

Chapter 05 - EC2

- Topic A: EC2 Overview - Part 1
 - EC2 Overview - Part 2
 - EC2 Overview - Part 3
- Topic B: Instance Types and AMI - Part 1
 - Instance Types and AMI - Part 2
 - Instance Types and AMI - Part 3
- Topic C: EBS and Snapshots - Part 1
 - EBS and Snapshots - Part 2
 - EBS and Snapshots - Part 3
- Topic D: Launch an EC2 - Part 1
 - Launch an EC2 - Part 2
 - Launch an EC2 - Part 3