

Vocational Training- Cloud Computing(AWS)

Course Syllabus

1.Introduction

- What is Cloud Computing?
- What Cloud Computing?
- Public Private & Hybrid Cloud?
- Deployment Model
- Virtualization

2.AWS Overview

- What is AWS And Why AWS?
- Creating Free tier account
- AWS Management Console & Dashboard
- Regions & AZ

3. Computing

- What is EC2
- Resources used in computing
- AMI
- Creating First EC2 Machine
- Keypairs
- Lightsail

4.Storage & Backup

- Elastic Block Storage
- Object Based Storage
- Upload Files on object based storage

5. IAM

- Overview
- Creating new IAM Users
- Creating User Group
- What is Permission and policy

6. Load Balancing & Auto Scaling

- What is Load Balancer?
- Types of Load balancer
- How to use Load Balancer
- What is Auto Scaling
- How To Use Auto Scaling

7. VPC

- What is VPC
- Components of VPC
- IP and MAC Address
- Elastic IP

8. RDS

- What is RDS, DBMS
- Database Engine
- Creating RDS Instance

AWS Budget

Creating 2 Projects

