

## **Cloud and Systems Administration Course**

### **Course Contents:**

#### **Module 1: Cloud Fundamentals**

- Overview of Cloud computing
- Types of Cloud Computing
- Cloud service providers overview
- Accessing the Cloud
- Cloud Data Management
- Cloud Computing Standards

#### **Module 2: Amazon AWS Essentials**

- Introduction to AWS
- AWS Management Console
- AWS EC2 Cloud
- AWS Foundational services
- AWS Database services
- Creating Servers in AWS
- Accessing AWS Servers via internet

#### **Module 3: Linux Systems Administration**

- Linux Introduction
- Important Files, Directories and Utilities
- System Services.
- User Administration.
- File System Security and Management.
- Advanced file system management.
- Server configurations

#### **Module 4: Windows Systems Administration**

- Introduction to Windows operating systems.
- Windows Administration overview
- Local User administration.
- Introduction to various server roles.
- Domain User administration.
- Assigning folder permissions.
- Windows Groups overview