

# Introduction to Linux environment

**Course Duration:- 3 Days**

## **Day-1**

### **Introduction to UNIX**

- Overview of the UNIX Operating System
- Executing Commands from the Command Line

### **Working with Files and Directories**

- Determining Where You Are in the Directory Structure
- Viewing File Content
- Copying Files and Directories
- Creating and Removing Files and Directories
- Searching Files and Directories

### **Using the vi Editor**

- Introducing the vi Editor
- Modifying Files with the vi Editor

## **Day-2**

### **Using Commands within the Default Shell**

- Using Shell Expansion
- Using Variables in the Bash Shell
- Displaying the Command History
- Redirecting Commands
- Working with User Initialization Files

### **Using Basic File Permissions**

- Viewing File and Directory Permissions
- Changing the Permissions
- Modifying Default Permissions

### **Performing Basic Process Control**

- System Processes Overview
- Managing Processes

## **Day-3**

### **Using Advanced Shell Features in Shell Scripts**

- Using Advanced Shell Features
- Creating Shell Scripts

### **Archiving Files and Performing Remote Transfer**

- Archiving and Retrieving Files
- Compressing, Viewing, and Uncompressing Files
- Performing Remote Connections and File Transfers