

UNIX and Linux Essentials Ed 2

Audience

- Administrator
- Database Administrator
- Developer
- End User
- Systems Administrator

Objectives

- Manage processes
- Use advanced shell features in shell scripts
- Archive files and perform remote file transfer
- Use commands within the default shell
- View and modify file and directory permissions
- Describe the UNIX and Linux operating system
- Work with files and directories
- Use the vim editor to create and modify files

Topics

Introduction to UNIX and Linux Environments

- Overview of the UNIX and Linux Operating Systems
- 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 vim Editor

- Introducing the vim editor
- Modifying Files with the vim editor

Using Features within the Bash 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 Ownership and Permissions
- Modifying Default Permissions

Performing Basic Process Control

- System Processes Overview
- Managing Processes

Using Advanced Shell Features in Shell Scripts

- Using Advanced Shell Features
- Creating and Editing Shell Scripts

Archiving, Compressing and Performing Remote file Transfer

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

Oracle Cloud Computing

- Introducing Oracle Cloud Infrastructure as a Service
- Oracle Cloud Infrastructure Concepts
- Describing Oracle IaaS Deployment Solutions and Services
- Launching Oracle Cloud Infrastructure Services