UNIX and Linux Essentials

Duration: 3 Days

What you will learn

This UNIX and Linux Essentials course is designed for users and administrators who are new to the Oracle Solaris 11 and Oracle Linux operating systems. It will help you develop the basic UNIX skills needed to interact comfortably and confidently with the operating system.

Learn To:

Manage files and directories from the command line to performing remote connections and file transfers.
Perform more advanced tasks in the Oracle Solaris and Oracle Linux operating systems.
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.

Benefits to You

Ensure fast, reliable, secure and easy to manage performance. Optimize database workloads, lower IT costs and deliver a higher quality of service by enabling consolidation onto database clouds.

Gain Hands-On Experience

This course will give you intensive, hands-on experience. The end goal is to prepare users and administrators to perform more advanced tasks in the Oracle Solaris and Oracle Linux operating systems.

Audience
Administrator
Database Administrators
Developer
End Users
Support Engineer
System Administrator

Related Training

Suggested Prerequisites
Knowledge of basic networking concepts

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 operating system

Work with files and directories

Use the vi editor to create and modify files

Course Topics

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

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

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