



## UNIX and Linux Essentials

**Duration: 3 Days**    **Course Code: D76989GC10**

### Overview:

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.

### Target Audience:

Administrator Database Administrators Developer End Users Support Engineer System Administrator

### Objectives:

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

### Prerequisites:

#### Suggested Prerequisites

- Knowledge of basic networking concepts

### Content:

#### 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

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## Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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