1

Course Introduction

Linux and Unix Essentials

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Lesson Objectives

After completing this lesson, you should be able to:

- Describe the course objectives

- Describe the course schedule

- Provide introductions

- Describe the classroom practice environment

Course Objectives

After completing this course, you should be able to:

- Provide the basic UNIX skills and knowledge to successfully perform simple tasks in an Oracle Solaris 11 or an Oracle Linux 7 environment
  - Work with files and directories
  - Use the vi (vim) editor to create and modify files
  - Use commands within the `bash` shell
  - View and modify file and directory permissions
  - Manage processes
  - Use advanced shell features in shell scripts
  - Archive files and perform remote file transfer
  - Oracle Cloud Computing
- Provide some meaningful practices around the areas covered in this course

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Course Schedule

Session	Module
Day 1	Lesson 1: Course Introduction Lesson 2: Introduction to the UNIX & Linux Environments Lesson 3: Working with Files and Directories
Day 2	Lesson 4: Using the vim editor Lesson 5: Using Features Within the `bash` Shell Lesson 6: Using Basic File Permissions
Day 3	Lesson 7: Performing Basic Process Control Lesson 8: Using Advanced Shell Features in Shell Scripts Lesson 9: Archiving, Compressing and Performing Remote File Transfers Lesson 10: Oracle Cloud Computing

Next Course to Take After the UNIX and Linux Essentials Course

- Interested in Programming courses available from Oracle?
  - Shell Programming
  - Perl Programming
  - Java Programming
- Interested in Operating System's courses available from Oracle?
  - Oracle Linux
    - Oracle Linux 5 & 6 System Administration
    - Oracle Linux 7 System Administration
  - Oracle Solaris 11 System Administration

Introductions

- Name

- Company affiliation

- Title, function, and job responsibility

- Experience related to the topics presented in this course

- Reasons for enrolling in this course

- Expectations from this course

Summary

In this lesson, you should have learned how to:

- Describe the course objectives
- Describe the course schedule
- Provide introductions
- Describe the classroom practice environment

Practice 1: Overview

This practice covers the following topics:

- 1-1: An introduction to your practice environment