



**ORACLE**

# Oracle Linux 8: System Administration I

## **Titulo:** Oracle Linux 8: System Administration I

**Clave** D1102121GC10

**Duración:** 05 días

This course will be delivered with a live lab

This course is first in a series of three Oracle Linux 8 System Administration courses that covers the system administration tasks. The lab environment is validated against the latest Oracle Linux 8 release.

The course covers the following topics:

- Install and complete initial setup of Oracle Linux
- Configure the Unbreakable Enterprise Kernel for Oracle Linux
- Oracle Ksplice for updates without rebooting
- Configure users, storage, and network interfaces on Oracle Linux
- Preparation of the Oracle Linux server for the installation of Oracle Database
- Monitor and troubleshoot Oracle Linux

## **Objectives:**

Learn how to:

- Configure Passwordless authentication
- Configure Date, Time, and Chrony
- Automate Tasks with cron and systemd
- Use Loadable Kernel Modules
- Use sysctl, rpm and dnf
- Create a Local Yum Repository
- Install the Ksplice Offline Client
- Administer User and Group Accounts
- Restrict the Use of the su Command
- Allow the Use of the sudo Command
- Partition Storage Device, create ext4 File Systems, and Increase Swap Space
- Configure Network Interface
- Use nmcli, nmtui, and ip
- Configure firewalld and nftables
- Install and Run Oracle Database Preinstall
- Prepare Disks for ASM Use
- Use sosreport to Collect System Information
- Use Standard Linux Performance Monitoring Tools
- Use OSWatcher and OSWatcher Analyzer
- Use rsyslog Templates, logwatch, and systemd-journald