
Oracle Linux 7 System Administration

The Oracle Linux 7: System Administration training helps you develop a range of skills, including installation, using the Unbreakable Enterprise Kernel, configuring Linux services, preparing the system for the Oracle Database, monitoring and troubleshooting. Work with expert Oracle University instructors to develop expertise using this solution to benefit your business. In this course, you will be introduced to the Oracle IaaS Cloud Solution.

Objectives

- Enable kernel features.
- Set up users and groups.
- Configure system logging, the boot process, the network and storage.
- Install additional software packages.
- Keep the kernel up to date by using Ksplice.
- Understand how implementing Ksplice gives you zero down time kernel updates.
- Configure services such as NTP, NFS, FTP, OpenSSH, firewalls and iptables.
- Gain an understanding of the Oracle IaaS Cloud Solution.

Topics

- Introduction
- Introduction to Oracle Linux
- Installing Oracle Linux 7
- Oracle Linux 7 Boot Process
- System Configuration
- Package Management
- Ksplice
- Automating Tasks
- Kernel Module Configuration
- User and Group Administration
- Partitions, File Systems, and Swap
- XFS File System
- Btrfs File System
- Storage Administration
- Network Configuration
- File Sharing
- OpenSSH
- Security Administration
- Oracle on Oracle
- System Monitoring
- System Logging

- Troubleshooting