Oracle Linux System Administration I Ed 1

Prerequisites

UNIX and Linux Essentials Ed 2

Audience

- System Administrator
- Support Engineer
- Technical Consultant
- Database Administrator
- Linux Administrator
- Cloud Administrator
- System Integrator
- Data Center Manager
- Technical Consultant
- System Architect
- Application Developer
- Support Engineer
- System Analyst
- Developer
- Technical Administrator
- Web Administrator

Objectives

- Install Oracle Linux 7
- Load and configure the Unbreakable Enterprise Kernel
- Install software packages from Unbreakable Linux Network and other repositories
- Use Ksplice to update the kernel on a running system
- Load kernel modules and configure kernel module parameters
- Perform user and group administration
- Create Ext file systems
- Manage swap space
- Configure networking
- Utilize OpenSSH tools (ssh, scp, sftp, ssh-keygen)
- Perform security administration (firewalld, iptables, chroot, TCP wrappers)
- Prepare Oracle Linux system for Oracle Database
- Utilize Linux monitoring tools
- Configure system logging
- Troubleshoot problems and perform corrective action

Topics

- Introduction to Oracle Linux
- Oracle Cloud Computing
- Installing Oracle Linux 7
- Oracle Linux 7 Boot Process
- System Configuration
- Package Management
- Automating Tasks
- Kernel Module Configuration
- Oracle Ksplice
- User and Group Administration
- Partitions, File Systems, and Swap
- Network Configuration
- IPv6
- OpenSSH
- Security Administration
- Oracle on Oracle
- System Monitoring and Management
- System Logging
- Troubleshooting