

Oracle Linux System Administration – Version 9

Objectives

- Install Oracle Linux 9
- Load and configure the Unbreakable Enterprise Kernel
- Install software packages from Unbreakable Linux Network and other repositories
- Introduction to Ksplice (Only Theory)
- 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
- Introduction to OLAM (Only Theory)
- Introduction to Virtualization (Only Theory)

Topics

- Introduction to Oracle Linux
- Oracle Cloud Computing
- Installing Oracle Linux 9
- Oracle Linux 9 Boot Process
- System Configuration
- Package Management
- Automating Tasks
- Kernel Module Configuration
- Oracle Ksplice – (Only Theory)
- 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
- Introduction to OLAM (Only Theory)
- Introduction to Virtualization (Only Theory)