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## Oracle Linux System Administration III

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The Oracle Linux System Administration III course covers implementation of advanced Linux file systems, configuring virtualization services and resource management controls, use of Docker containers and Kubernetes container orchestration services, advanced security services, and advanced diagnostics services.

### Objectives

- Configure Oracle Cluster File System version 2 (OCFS2)
- Configure iSCSI targets and initiators
- Configure control groups (Cgroups)
- Configure Kernel-based Virtual Machine (KVM)
- Work with Docker containers and perform container orchestration by using Kubernetes
- Secure your system by using SELinux, OpenSCAP, OpenSSL, and Linux Auditing
- Install and view Linux kernel source code and describe other Linux internal topics
- Enable core dump and perform core dump analysis
- Configure dynamic tracing (DTrace)
- Configure the Gluster File System

### Topics

- OCFS2 and Oracle Clusterware
- iSCSI and Multipathing
- Managing Resources with Control Groups (cgroups)
- Virtualization with Linux
- Oracle Container Runtime for Docker
- Oracle Linux Container Services for Use with Kubernetes
- Security Enhanced Linux (SELinux)
- OpenSCAP
- OpenSSL
- Introduction to Linux Internals
- Linux Auditing System
- Core Dump Analysis
- Dynamic Tracking with DTrace
- Using Gluster Storage