

# Oracle Linux Virtualization Manager 4.4: Administration LVC Course

**Course Duration: 32 Hrs.**

**Course code: OLVM4.4A**

## Course Overview

The Oracle Linux Virtualization Manager 4.4: Administration LVC Course provides learners with the knowledge and skills to manage, configure, and administer Oracle Linux Virtualization Manager (OLVM) environments. This course covers virtualization architecture, deployment, VM lifecycle management, networking, and storage configuration to ensure efficient virtualization solutions in enterprise environments.

## What you'll learn?

- Understand the architecture of Oracle Linux Virtualization Manager (OLVM).
- Install and configure OLVM hosts and managers.
- Create and manage virtual machines, templates, and pools.
- Configure storage domains and networking for virtualization.
- Perform VM migrations and ensure high availability.
- Manage users, roles, and permissions.
- Monitor, troubleshoot, and optimize OLVM environments.

## Target Audience

- System Administrators managing Oracle Linux environments.
- Virtualization Engineers and IT Infrastructure Specialists.
- Data Center Administrators implementing Oracle virtualization.
- Professionals preparing for Oracle Linux and virtualization certifications.

## Pre-Requisites

- Basic knowledge of Oracle Linux system administration.
- Familiarity with virtualization concepts and technologies.
- Understanding of networking and storage fundamentals.

## Course Content

**Module 1:** Introduction to Oracle Linux Virtualization Manager (OLVM)

**Module 2:** OLVM Architecture and Components

**Module 3:** Installing and Configuring OLVM Manager and Hosts

**Module 4:** Virtual Machine Lifecycle Management

**Module 5:** Networking in OLVM Environments

**Module 6:** Storage Domains and Configuration

**Module 7:** High Availability and VM Migration

**Module 8:** Templates, Pools, and Resource Management

**Module 9:** User Roles, Permissions, and Security

**Module 10:** Monitoring, Troubleshooting, and Optimization