

Oracle SBC Configuration and Administration (OCI) Ed 3 Course

Course Duration: 40 Hrs.

Course code: OCI-SBC-ED3

Course Overview

The **Oracle SBC Configuration and Administration (OCI) Ed 3 Course** provides participants with the knowledge and skills needed to install, configure, and administer Oracle Session Border Controllers (SBCs). The course covers essential concepts such as VoIP call flows, signaling, media handling, and SBC features to secure and optimize real-time communications. Through lectures, demonstrations, and hands-on labs, learners gain practical expertise to manage SBC deployments effectively.

What you'll learn?

- Understand the architecture and role of Oracle SBC in VoIP networks.
- Configure signaling and media flows for SIP communications.
- Implement security features such as topology hiding, DoS protection, and encryption.
- Manage call admission control, routing, and load balancing.
- Perform system monitoring, maintenance, and troubleshooting.
- Apply advanced configuration for SIP trunking and interworking scenarios.

Target Audience

- Network Engineers and Administrators
- VoIP and SIP Specialists
- System Integrators and Solution Architects

- IT professionals responsible for real-time communication platforms
- Technical Support Engineers working on Oracle SBC solutions

Pre-Requisites

- Basic knowledge of IP networking and VoIP protocols (SIP, RTP).
- Familiarity with Linux/Unix environments.
- Understanding of real-time communications concepts is recommended.

Course Content

Module 1: Introduction to Oracle SBC and Architecture

Module 2: Installation and Initial Configuration

Module 3: SIP Signaling and Media Flows

Module 4: Security Features (Topology Hiding, DoS, Encryption)

Module 5: Routing, Policy, and Call Admission Control

Module 6: SIP Trunking and Interworking Scenarios

Module 7: System Monitoring and Troubleshooting

Module 8: Maintenance and Best Practices