

Oracle Communication Session Border Controller Implementation



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Online Course

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Course Modules

1. Session Initiation Protocol (SIP) Essentials

- Describe SIP & architecture elements: SIP proxies & back-to-back
- Diagnose and troubleshoot a basic SIP call flow processed

2. Introduction to Session Border Controller (SBC)

- Describe the basic functions of a Session Border Controller
- Describe the boot process and the SBC services

3. Initial Configuration

- Explain the boot parameters and their effects
- Describe the configuration concepts and configuration tree
- Execute user and super-user level commands in the ACLI
- Analyze, create, modify, and delete configuration elements
- Perform routine operations including boot-related operations



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4.Provisioning Interfaces

- Describe Network interface's default behavior and how it is altered
- Provision physical interfaces
- Provision network interfaces (VLAN and non-VLAN)
- Enable/disable management operations through a media interface

5.Session Border Controller Concepts

- Explain realms and realm bridging
- Configure global SIP parameters and Media Manager
- Configure realms, SIP interfaces, and steering pools
- Configure routing policies, session agents, & header manipulation

6.Peering Environment Configuration

- Describe the Policy-Based Realm Bridging (PBRB) configuration tasks
- Configure a working Peering environment
- Configure Peering access rules



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7.Access-Backbone Environment Configuration

- Registrtn caching, Hostd NAT Traversal (HNT), & Adaptive HNT
- Configure the PBRB model in an Access-Backbone environment

8.Configuring SBC High Availability

- The opratn of the high-availability mchansm & SBC node states
- Configure a high-availability SBC pair
- Manage a high-availability SBC pair system failover



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