



*Training Course:
Advanced Billing and Revenue Management*

*10 - 21 May 2027
Barcelona (Spain)*

Training Course: Advanced Billing and Revenue Management

Training Course code: IT234904 From: 10 - 21 May 2027 Venue: Barcelona (Spain) - Training Course Fees: 10300 € Euro

Introduction

In this learning path, you will gain an understanding of the features and functions of Oracle's Modern Monetization solution, centralized on the Billing and Revenue Management BRM product. We start with an overview of BRM and the other main components and then present a more detailed overview of each of the component products which make up the overall monetization solution. You will also learn how BRM can be deployed into a Cloud Native Kubernetes-based environment.

This training course consists of three Modules:

- Billing and Revenue Management: Functional Overview
- Billing and Revenue Management: Technical Overview
- Oracle Communications Convergent Charging Controller Implementation

Target Audience

This course is intended for:

- Analyst
- Developer
- End User
- Implementer
- Manager
- System Integrator

Training Objectives

At the end of this training program, participants will learn:

- Understand the overall Billing and Revenue Management System Functional
- Understand the overall Billing and Revenue Management Technical Overview
- Managing Oracle Communications Convergent Charging Controller Implementation
- Describe the architecture of products BRM Server, ECE, PDC and OCOMC
- Understand partitioning and purging of BRM Server data
- Understand directory structure and configuration files pertaining to BRM Server, ECE, PDC & OCOMC
- Understand data flows in BRM Server, ECE, PDC and OCOMC
- Monitor and Troubleshoot problems in BRM Server, ECE, PDC and OCOMC

Training Outlines

Day 1: BRM Functional Overview & Core Concepts

- Introduction to Billing and Revenue Management BRM

- BRM Features and Functions Part 1, 2, 3
- Elastic Charging Engine ECE Functional Overview
- ECE Functionality and Architecture

Day 2: PDC, OCOMC & OC3C Overview

- Pricing Design Center PDC Overview & Architecture
- PDC Objects, Changesets & Selectors
- Offline Mediation Controller OCOMC Overview & Architecture
- OC3C Functional Overview & Architecture

Day 3: BRM Cloud & Advanced Components

- OC3C Service Innovation & Voucher Management
- OC3C Additional Features
- BRM Cloud Native Architecture & Features
- OCOMC Cloud Native Deployment

Day 4: BRM Technical Architecture

- Functional vs Technical Architecture
- BRM Server Overview
- GUIs, APIs, ECE, OC3C, OCOMC Integration
- BRM Server Architecture Application, Business, Object Tiers

Day 5: Configuration & Data Model

- BRM Configuration Files pin.conf, Infranet, DM
- Startup & Cloud Native Aspects
- BRM Data Model Storable Classes, Fields, DB Mapping
- BRM Tools Overview

Day 6: ECE Deep Dive & Data Flow

- ECE Components Coherence, ECS, Kafka, Gateways
- Pricing & Customer Updater
- Subscriber Loading & Data Flow
- Integration Points & Startup

Day 7: Rating & Pricing

- Rating Engines & Entry Points
- Request Lifecycle Initial, Terminate, Top-ups
- Pricing Model Overview
- Charge Offers, Discount Offers, Bundles & Packages

Day 8: OC3C Implementation & Network Integration

- OC3C Network Integration Voice, IVR, SMS
- Service Logic Execution Environment SLEE
- Advanced Control Services ACS

- Practice 1: Setup

Day 9: BRM Integration & Service Creation

- BRM Integration Overview & Initial Configuration
- OC3C ↔ ECE Communication
- Charging Configuration Balance Mapping, AVPs
- Creating Services Service Capability, ACS, Control Plans
- Practices 2 ↔ 7

Day 10: Voucher Management, Notifications & Troubleshooting

- Voucher Management Types, Batches, Redemption, Top-Up
- Notification Gateway Configuration & Testing
- Testing & Troubleshooting End-to-End
- Final Practices 8 ↔ 13
- Course Wrap-up & Summary

Registration form on the Training Course: Advanced Billing and Revenue Management

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