

BR235

SAP Convergent Charging

COURSE OUTLINE

Course Version: 22

Course Duration:

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Technology Consultant
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Solution Architect

Lesson 1: Introduction in Subscription and Consumption Business

Lesson Objectives

After completing this lesson, you will be able to:

- Understand subscription and consumption use cases
- Explain Subscriptions and Consumption Change Economy
- Provide Industry Examples

Lesson 2: Overview of SAP Billing and Revenue Innovation Management

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an Introduction to SAP Billing Revenue Innovation Management

Lesson 3: Overview of SAP Convergent Charging

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Cloud Selection Service
- Understand SAP Convergent Charging Capabilities
- Provide an Overview Convergent Charging Processes
- Detail the Functional data model of SAP Convergent Charging

Lesson 1: SAP Convergent Charging Core Tool

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Core Tool Navigation
- Understand the Core Tool Features (Open, create and save a catalog object)

Lesson 2: SAP Convergent Charging Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Cockpit Navigation

Lesson 1: Subscriber Account and External Account

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Price and Charge Processes
- Explain Customer Master Data Objects

Lesson 2: Provider Contract (incl. Access)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Master Data Distribution in SAP BRIM
- Provide an Example of Rating Runtime in SAP Convergent Charging

Lesson 1: Rating and Charging Logic Concepts

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Charging and Rating Concepts – Design and Runtime Overview
- Provide a Business Case
- Explain Charging and Rating Concepts – Design Objects

Lesson 2: Charging Logic Concepts

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Charging Plan Concepts

Lesson 3: Rating Logic Concept Basics

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Chargeable Items, Consumption Items, Consumption Item Mapping

Lesson 4: Rating Logic Concept Charges

Lesson Objectives

After completing this lesson, you will be able to:

- Define a Charge
- Explain Tabs of a Charge
- Design a Price Plan
- Understand Usage and Recurring Rates

Lesson 5: Rating Logic Concepts Logic Components - Overview and Tables

Lesson Objectives

After completing this lesson, you will be able to:

- Define Mapping Table Class and Mapping Table
- Explain Range Table Class and Range Table
- Understand Subscriber Mapping Table
- Understand Subscriber Range Table
- Explain the Agreement Table
- Use Tables in Training Landscape

Lesson 6: Rating Logic Concepts Logic Components - Pricing Macros

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Pricing Macros

Lesson 7: Rating Logic Concepts SOM Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Integration SOM Price Tables

Lesson 8: Rating Logic Concepts Charge Plan

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Charge Plan
- Configure Tabs of a Charge Plan
- Describe Billable Item Mapping and Charged Item Class
- Understand Object Versioning in Convergent Charging

Lesson 9: Rate Plan design with Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

- Design SAP CC objects with the Cockpit

Lesson 1: Understand Allowance Overview

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Allowance Overview Within Convergent Charging
- Define allowance

Lesson 2: Understanding the Allowance Lifecycle

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the allowance lifecycle
- Understand the allowance lifecycle process steps

Lesson 3: Processing Allowances

Lesson Objectives

After completing this lesson, you will be able to:

- Model allowances
- Create allowances
- Activate allowances
- Expire allowances

Lesson 4: Understanding Allowance Functional Design and SOM Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Convergent Charging objects for allowances
- Understand allowance design in training example
- Understand SOM allowance groups

Lesson 5: Understand Shared Allowances

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Shared Allowances
- Compare scenarios

Lesson 1: Integrating SAP Convergent Charging and Understanding Its Architecture

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Convergent Charging technical architecture
- Identify Convergent Charging core server components
- Understand communication between components

Lesson 2: Integrating SOM (Agreement Tables)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SOM products
- Design cross catalog mapping with assignment of charge plans to SOM product
- Understand subscription order, subscription contract, and provider contract (distribution)
- Use Convergent Charging tables
- Create new Convergent Charging tables

Lesson 3: Understanding the Import Export Connector (IEC)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Import Export Connector (IEC)
- Explain the steps of an IEC

Lesson 4: Convergent Mediation

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the terms used in the Convergent Mediation

- Understand the creation of workflows and configurations
- Understand how Convergent Mediation interacts with Convergent Charging and Convergent invoicing

Lesson 5: Convergent Invoicing (CITs and BITs, (Re)-Rating, Billing, Invoicing)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the process steps Rating, Billing and Invoicing
- Understand consumption item management
- Understand Billable Item Management
- Know business needs for consumption items (Deferred Rating, Aggregation, CI triggered Rerating)
- Understand how different price models implicate rating process

Lesson 6: Account Splitting

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the necessity of accounting splitting in high volume business
- Understand how subscription order management supports account splitting
- Learn when agreement tables are used in SAP CC

Lesson 1: Web Services and Java APIs

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP CC integration with webservices and java APIs

Lesson 2: Regression test using Insomnia Core

Lesson Objectives

After completing this lesson, you will be able to:

- Call CC Web Services with Insomnia Core
- Use Insomnia Core for regression testing of price models

Lesson 1: Installing SAP Convergent Charging

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the SAP Convergent Charging Installation Guide
- Describe SAP Convergent Charging Administration Guide
- Understand Error analysis for a CC developer
- Access Catalog Transport Information

Lesson 1: Cross Industry Examples

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Business Case E-Mobility
- Describe the Business Case for Telecommunication Services
- Understand Business Case for Video on Demand
- Explain Business Case Parcel Services