C4H341 - SAP Commerce Cloud Developer Part 2 Training

Duration: **3 Day**

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Overview

Course based on software release:

- SAP Commerce Cloud 2211

Notes:

- The course contains a set of exercises corresponding to each introduced course content. All the exercises can only be performed in a pre-configured SAP Virtual Machine (aka. SAP VM). Details about how to connect to the SAP VMs will be introduced on the first day of the course.
- Disclaimers:
  - This course content is valid for both the cloud and on-prem versions of SAP Commerce Cloud.
  - If you are not an official SAP partner or customer (NDA signed), you cannot access the Help Documentation as shown in this course. Follow these links for registration information: Help.
  - This does not affect the duration of the course. Accessing the Help Documentation is not a mandatory part of this course and therefore do not affect the educational value of the training.

Prerequisites

Essential

- Intermediate knowledge in Java, Java J2EE concepts and patterns, and Spring Framework
- C4H340 SAP Commerce Cloud Part 1

Recommended

- None

Who Should Attend

- Developer
- Developer Consultant
- Solution Architect
- Technology Consultant

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What You Will Learn

- This course will prepare you to:
  - understand the fundamental technical aspects of SAP Commerce solution on premise and cloud version
  - understand how to develop and code through SAP Commerce Cloud platform
  - provide configuration into SAP Commerce Cloud platform in the backend

Outline

- Overview
- Backoffice
  - Overview
  - Application Orchestrator
  - Custom Backoffice Extensions
  - Backoffice Configuration
  - (Exercise) Backoffice
- Validation
  - Data Validation Framework
  - Validation Service
  - Validation in Backoffice
  - Feedback Integration
  - (Exercise) Validation
- Personalization
  - Personalization Overview
  - Essential Data Models
  - Customer Experience Calculation
  - User and Segments
  - Personalization of Content
  - Exercise How-to
  - (Exercise) Personalization
- Search & Navigation
  - Search & Navigation Overview
  - Indexing Process
  - Searching
  - Adaptive Search - Overview
  - Adaptive Search - Configuration
  - Enhanced Search Experience with Personalization
  - (Exercise) Search & Navigation
- Promotions & Coupons
  - Promotions & Rule Engine
- Promotions – A Business User's View
  - Promotions – A Technical User's View
  - Coupons
  - Special Out-of-the-box Features
  - (Exercise) Promotions & Coupons
- SAP Commerce Web Services (Omni Commerce Connect)
  - OCC Web Services
  - (Exercise) Services
- CronJobs

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    - CronJobs Overview
    - How to implement a CronJob
    - How to start a CronJob
    - (Exercise) CronJobs
- Event System
    - Event System Overview
    - Implementing Event Class
    - Implementing Event Listeners
    - Asynchronous Events
    - Transaction-Aware Events
- Process Engine
    - Architecture and Features
    - Business Analysis
    - Node Types
    - Process Actions
    - Working with a Process
- Orders
    - Overview of Order Management Extensions
    - Order Fulfilment Process
    - Warehouse Integration Process
    - Further Order Management Features
    - (Exercise) Orders