



SAP - SAP Commerce Cloud Backoffice Framework Developer Training (formerly HY465)

Code: C4H365-v092
Length: 3 days
URL: [View Online](#)

Skills Gained

- This course will prepare you to:
 - Work and develop with SAP Commerce Cloud Backoffice Framework.

Who Can Benefit

- Developer
- Developer Consultant
- Solution Architect
- Technology Consultant

Prerequisites

- Essential:
 - Basic knowledge of the SAP Commerce Platform's type system and the Administration Console (hAC):
 - C4H340 SAP Commerce Cloud Developer Training – Part 1
 - Enablement videos (only for the official SAP partners and customers)
- Recommended:
 - HY460E SAP Commerce Backoffice Framework Fundamentals Online
 - Excellent knowledge in Java J2EE concepts and patterns
 - Very good knowledge in Spring framework, Eclipse

Course Details

Course Content

- Introduction
- Backoffice Fundamentals
 - Backoffice Framework Architecture

- Backoffice Configuration
- Widgets
- Cockpits
- Application Orchestrator
- Development Environment
 - Environment Set Up
 - Rapid Prototyping
 - Hot Deployment
 - Working with UI Configuration
 - TrainingLabsTool
- Orchestrate a Cockpit
 - Orchestration Overview
 - Step 1: Create a New Cockpit
 - Step 2: Add Widget Instances
 - Step 3: Connect the Widget Instances
 - Orchestration Essentials
- Widget Fundamentals
 - Creating a Widget
 - Creating the View
 - Creating the Controller
 - Accessing the Settings
 - Changing the Model
- Widget Communication
 - Socket IO
 - Adding Input Sockets
 - Adding Output Sockets
 - Connecting Sockets
 - Adding View Events
 - Trapping Global Events
- Widget Context Configuration
 - Backoffice Context
 - Configuration Types
 - Context Reuse and Merging
 - Orchestrate the Context
 - Configuration Validation
 - Actions and Editors
- Actions and Editors
 - Editors
 - Available Editors Gallery
 - Using Editors in Widgets
 - Creating an Editor

- Actions
- Using Actions in Widgets
- Available Actions Gallery
- Creating an Action
- Editor and Action Configuration
- Backoffice Testing Framework
 - Unit Testing Widgets
 - Annotations
 - Behavior Testing
 - Testing Actions and Editors
- Enhancing Your Cockpit
 - Solr Search in Backoffice
 - Saved Queries
 - Authority Groups
 - Config Inheritance with Advanced Search
 - Dynamic Forms
 - ZK Charts
 - SSO in Backoffice
 - HMC Migrator
- Data Integration
 - Overview
 - SPIs
 - Property Accessors
 - Notification API
- Look & Feel and Localization
 - Overview
 - Localization
 - Styling Components
 - White Labeling
 - Responsive Design
 - Sass Integration
 - AngularJS Support

Notes

- Technical requirements:
- If you want to use your own machine, please consider following system requirements:
 - CPU: Minimum Dual Core (recommended Quad Core)
 - RAM: Minimum 8 GB (recommended 16 GB)
 - Hard Disk: 7200 rpm IDE (recommended SSD)
 - Hard Disk Space: 10 GB (recommended 20 GB)
 - Most recent Java 8 Development kit-64 bits

-Google Chrome Web Browser

- General requirements for all on-site trainings:

- Required for all SAP Customer Experience on-site trainings, regardless of the course content!

- Projector with VGA connection required. DVI / HDMI connections are optional.

- Internet connection is required for trainer and attendees

- A list of names of attendees

- Information on participants' technical background and experience with SAP Commerce

- Usually requested as part of the training setup process.

- Name badges for attendees are required.

- Please recommend hotels near the training location to us.

- A visa for the trainer may be required, depending on country. If visa is required, please assist in obtaining.

Course based on software release

- SAP Commerce v1811

- Most recent Java 8 Development kit-64 bits
