



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

Schedule (as of 4)

| Date | Location | |
|---------------------------|----------|------------------------|
| Nov 5, 2019 – Nov 7, 2019 | Virtual | Enroll |
| Mar 4, 2020 – Mar 6, 2020 | Chicago | Enroll |