

SAP BTP Integration Suite CPI Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

SAP BTP Integration Suite CPI (Cloud Platform Integration) Training by Multisoft Systems is a comprehensive, hands-on program designed for IT professionals looking to master enterprise integration within SAP's Business Technology Platform. This training focuses on teaching participants how to seamlessly connect cloud and on-premise applications using SAP Integration Suite tools such as iFlows, pre-packaged integration content, and APIs.

Module 1: Introduction to SAP Cloud Integration

- ✓ Understanding the SAP CPI Strategy
- ✓ Understanding Integration Services Available on BTP
- ✓ Understanding the Integration Suite Capability
- ✓ Subscribing and Setting up Integration Suite in Sub Account
- ✓ Manage users and Assign roles
- ✓ Predefined content provided by SAP
- ✓ Develop and edit integration content
- ✓ Deploy integration content on different integration platforms
- ✓ Creating a Service key in Cloud Cockpit for Process Integration Runtime

Module 2: Creating iflows and Iflow Authentication

- ✓ What is iflow in Integration Suite?
- ✓ Creating you first Iflow
- ✓ Deploy iflow
- ✓ Monitor Iflow
- ✓ Authenticating Deployed iflows using Basic Authentication
- ✓ Authenticating Deployed iflows using X-CSRF Token
- ✓ Create a sender and a receiver iflow and establish communication with them using http Adapter

Module 3: Connectivity Options in Integration Suite

- ✓ AMQP (For consuming messages from external systems)
- ✓ AMQP (For Event Mesh)
- ✓ JMS
- ✓ AS2/AS4, DataStore, FTP/SFTP, HTTPS
- ✓ IDoc/XI/RFC
- ✓ JDBC
- ✓ OData

- ✓ Open Connectors

Module 4: Message Processing

- ✓ Mapping
- ✓ ID Mapping
- ✓ All Pallet Options during iFlow creation

Module 5: API-Based Integration Development

- ✓ OData API
- ✓ REST API
- ✓ SOAP API

Module 6: Monitoring and Operations

- ✓ Monitor Message Processing
- ✓ Manage Security Artifacts
- ✓ Manage the lifecycle of keys
- ✓ Manage access policies
- ✓ Manage JDBC data sources
- ✓ Manage Stores
- ✓ Manage locks
- ✓ Archive Data

Module 7: Data Storage

- ✓ Store data in the Cloud Integration system
- ✓ Store data using Java Messaging Service (JMS) queues

Module 8: Model Extension

- ✓ Cleaning Up Message Data
- ✓ Configuring Outbound Communication

- ✓ Building a Second iFlow for Internal Notification
- ✓ Handling of Errors
- ✓ Deploying and Testing iFlows

Module 9: Groovy

- ✓ Groovy Scripting Basics
- ✓ Frequently used scenarios in Cloud Integration

Module 10: Event Mesh Development

- ✓ Connect to a queue or a queue subscription in the Event Mesh service.
- ✓ Send/Receive messages to/from a queue or queue subscription.
- ✓ Develop messaging applications using Java and Node.js and deploy them to the service.
- ✓ Look up events from an event source such as S/4HANA.
- ✓ Use REST APIs for messaging.
- ✓ Use REST APIs for sending and receiving events.

Module 11: Event Mesh Administration

- ✓ Create and delete queues/ queue subscriptions.
- ✓ Generate application configuration that eases the use of protocol agnostic libraries.
- ✓ check your application configuration for missing properties.
- ✓ Create, edit, and delete event channel groups.
- ✓ Use REST APIs to manage queues and queue subscriptions.
- ✓ Create message clients with unique credentials.
- ✓ Provide access rules for each message client.
- ✓ Create a message client with an event catalog

Module 12: API Management

- ✓ Building APIs

- ✓ Publishing APIs
- ✓ Analyzing APIs
- ✓ Consuming APIs
- ✓ Discover API Packages
- ✓ Security
- ✓ API Designer
- ✓ Transport APIs and Its Related Artifacts
- ✓ API business hub enterprise
- ✓ Secure options to consume APIs