

Note: Before you see the Course Content, lets Read out few Basics understandings about the subject.

SAP Cloud Platform Integration Training—Duration 32 – 35 Hrs.

This course is designed to educate you on SAP Cloud Platform Integration services so that you can efficiently integrate applications using SAP CPI. This course covers topics from Basics of Integration to development of Realtime complex IFlows.

Our SAP training course curriculum is designed in such a way that it enables you clear SAP Application Associate Certificate exam.

Advantages of SAP Cloud Platform Integration:

In today's world, most of the applications are moving to Cloud as part of their transformation journey. SAP CPI is cloud based solution which is considered as the future of SAP Integration services. It enables you to seamlessly integrate Cloud to Cloud, Cloud to On Premise, SAP with SAP, Sap with Non SAP applications with minimum efforts.

1. SAP CPI is the Future of SAP Integration Platform
2. It is a On Cloud Easy to use Platform to develop integrations between Applications across business domain.
3. Continuously upgrading Platform with new Features and services.
4. Pre Packed content available for Standard Systems that can be used as per the requirements.
5. Enhances professional growth and gives you better job opportunities

Course Content.

Week 1

Introduction to SAP Business Technology Platform:

- What is SAP Cloud
- SAP Cloud Products
- SAP Cloud Strategy
- Use Cases of Integration
- Understanding Message Processing
- Introduction to SAP CPI
- Architecture of SAP CPI

Introduction to SAP Cloud Platform Integration:

- Architecture Overview
- Trial Account Registration
- SAP Cloud Cockpit
- SAP Cockpit Functionalities
- Exploring Types of Interfaces (Sync, Async, Cloud to Cloud, Cloud to On Prem, etc)

Week 2

WebUI:

- CPI Web UI Tool.
- Design, Discover, Monitor Functionalities
- What is Package
- IFlow and its basic elements.
- Create your own Package and IFlow.

IFlow:

- Overview of Integration - Basic Components (XML, XSD, JSON, XPath)
- Beginner Pallet Functions
- First IFlow – Hands On
- Postman Basics

Week 3

Pallet Functions:

- Participants:
- Integration Process
- Local Integration and Exception Sub Process
- Events
- Message Mapping
- Running Real Time Simulations.

Pallet Functions:

- Message Transformers, CSV, XML and JSON Converters
- Local and External Calls
- Message Validator
- Using Data Stores
- Multicast and Join
- Simulating Working of Pallet Functions

Week 4

Pallet Functions:

- Content Based Message Routing
- Camel Message Model
- Security Concepts
- Encryption and Decryption
- Digital Signature
- Certificate based Authorization
- Business Use case scenarios using Pallet Functions. i.e Full Custom Interface Development

Groovy Scripting

Week 5

Adapters

- FTP Adapter
- SFTP Adapter
- HTTP Adapter
- SOAP Adapter
- Mail Adapter
- ProcessDirect
- JMS Adapter

Week 6

Adapters:

- OData
- Integration with Twitter
- IDOC Adapter
- ProcessDirect

Integration with Open Connectors

Introduction to B2B

Week 7

Monitor Tab:

- Monitoring of Messages
- Different Status of messages
- Trace Function
- Manage Integration Content
- Manage Security Artifacts
- Data Stores
- Introduction to Cloud Connector
- Using Value Mappings
- Number Range Objects
- Connection Tests

Week 8

Best Practices

- Error Handling
- Testing – Trace and Debugging

Discover Tab:

- Using Discover Tab
- Consuming the Standard Content
- Configure and Deploy Standard Content

- Edit/Customize standard Content
- Content Transport between Tenants.