IBP900
SAP Cloud Platform Integration for SAP Integrated Business Planning

COURSE OUTLINE
Course Version: 06
Course Duration: 3 Day(s)
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American English is the standard used in this handbook. The following typographic conventions are also used.

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TARGET AUDIENCE
This course is intended for the following audiences:
Lesson 1: Explaining SAP Cloud Platform Integration (CPI) Concepts and Terminology

Lesson Objectives
After completing this lesson, you will be able to:

- Understand SAP Cloud Platform Integration (CPI) concepts and terminology

Lesson 2: Explaining SAP Cloud Platform Integration for Data Services (CPI-DS)

Lesson Objectives
After completing this lesson, you will be able to:

- Understand SAP Cloud Platform Integration for Data Services (CPI-DS)

Lesson 3: Describing the Architecture of IBP with CPI-DS

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the architecture of IBP with CPI-DS
Lesson 1: Describing IBP Planning Objects

Lesson Objectives
After completing this lesson, you will be able to:

- Identify IBP planning objects

Lesson 2: Ensuring Data Integrity

Lesson Objectives
After completing this lesson, you will be able to:

- Ensure data integrity
Lesson 1: Explaining CPI Objects
Lesson Objectives
After completing this lesson, you will be able to:
• Describe CPI objects

Lesson 2: Using Templates
Lesson Objectives
After completing this lesson, you will be able to:
• Use templates for data transfers

Lesson 3: Using Mapping Functions
Lesson Objectives
After completing this lesson, you will be able to:
• Use mapping functions

Lesson 4: Filtering Data and Eliminating Duplicates
Lesson Objectives
After completing this lesson, you will be able to:
• Filter data and eliminate duplicates
Lesson 1: Describing ABAP Transformations

Lesson Objectives
After completing this lesson, you will be able to:

- Know what ABAP transformations are and when to use them

Lesson 2: Explaining Mapping Functions

Lesson Objectives
After completing this lesson, you will be able to:

- Explain mapping functions

Lesson 3: Providing More Detail on the lookup Function

Lesson Objectives
After completing this lesson, you will be able to:

- Understand the lookup function and when to use it

Lesson 4: Explaining Joins

Lesson Objectives
After completing this lesson, you will be able to:

- Describe how joins work

Lesson 5: Explaining the Differences when Loading Transaction Data and Master Data

Lesson Objectives
After completing this lesson, you will be able to:

- Recognize the differences when loading transaction data as opposed to master data

Lesson 6: Using Timeseries Staging Tables
Lesson Objectives
After completing this lesson, you will be able to:

- Describe the use of timeseries staging tables

Lesson 7: Explaining Aggregation and ABAP Aggregation Transforms
Lesson Objectives
After completing this lesson, you will be able to:

- Describe aggregation and ABAP aggregation transforms
Lesson 1: Making CPI Operable
Lesson Objectives
After completing this lesson, you will be able to:
- Know the steps for making CPI operable

Lesson 2: Downloading and Installing the Connectivity Agent
Lesson Objectives
After completing this lesson, you will be able to:
- Download and install the connectivity agent

Lesson 3: Configuring the Connectivity Agent
Lesson Objectives
After completing this lesson, you will be able to:
- Configure the connectivity agent

Lesson 4: Creating Datastores
Lesson Objectives
After completing this lesson, you will be able to:
- Create datastores

Lesson 5: Importing Object Metadata
Lesson Objectives
After completing this lesson, you will be able to:
- Import object metadata

Lesson 6: Configuring Datastores and the System Landscape
Lesson Objectives
After completing this lesson, you will be able to:

- Configure datastores and systems in the landscape

## Lesson 7: Explaining Examples of Datastore Types

### Lesson Objectives

After completing this lesson, you will be able to:

- Identify specific datastore types
Lesson 1: Checking for Invalid Field Values

Lesson Objectives
After completing this lesson, you will be able to:

• Check for invalid field values

Lesson 2: Using a Flat File Group Datastore

Lesson Objectives
After completing this lesson, you will be able to:

• Use a flat file group datastore

Lesson 3: Using IBP Loading Options

Lesson Objectives
After completing this lesson, you will be able to:

• Use various IBP loading options
Lesson 1: Extracting Data from IBP

Lesson Objectives
After completing this lesson, you will be able to:

- Understand the options for extracting data from IBP

Lesson 2: Describing Best Practices for Data Extraction from IBP

Lesson Objectives
After completing this lesson, you will be able to:

- Understand the best practices for extracting data from IBP

Lesson 3: Using Data Type Conversions

Lesson Objectives
After completing this lesson, you will be able to:

- Use data type conversions

Lesson 4: Extracting IBP Data to ECC or S4 Using a Web Service - WSDL Generation

Lesson Objectives
After completing this lesson, you will be able to:

- Extract data from IBP using a web service
Lesson 1: Using Built-in Automation Options
Lesson Objectives
After completing this lesson, you will be able to:
• Describe the built-in automation options available for data loads

Lesson 2: Using Automation in CPI
Lesson Objectives
After completing this lesson, you will be able to:
• Use automation in CPI

Lesson 3: Using Automation in IBP
Lesson Objectives
After completing this lesson, you will be able to:
• Use automation in IBP

Lesson 4: Comparing CPI Scheduling and IBP Scheduling
Lesson Objectives
After completing this lesson, you will be able to:
• Compare scheduling options in CPI and IBP

Lesson 5: Moving Configuration Through the Landscape
Lesson Objectives
After completing this lesson, you will be able to:
• Move configuration through the landscape

Lesson 6: Promoting a Task or Process
Lesson Objectives
After completing this lesson, you will be able to:

- Promote a task or a process
Lesson 1: Identifying Resources for CPI Developers

Lesson Objectives
After completing this lesson, you will be able to:

- Identify the resources available to CPI developers

Lesson 2: Using the IBP Add-on

Lesson Objectives
After completing this lesson, you will be able to:

- Use the IBP Add-on

Lesson 3: Working with Supply Chain Quotas

Lesson Objectives
After completing this lesson, you will be able to:

- Work with supply chain quotas

Lesson 4: Working with Lead Times

Lesson Objectives
After completing this lesson, you will be able to:

- Work with lead times