IBP800

SAP IBP, advanced supply – order-based planning

COURSE OUTLINE

Course Version: 2608
Course Duration:

SAP Copyrights, Trademarks and Disclaimers

© 2026 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see https://www.sap.com/corporate/en/legal/copyright.html for additional trademark information and notices.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials may have been machine translated and may contain grammatical errors or inaccuracies.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	*Example text*
Window title	*Example text*

© Copyright. All rights reserved.

Contents

vii	Course Overview	
1	**Unit 1:**	**Overview and Positioning of SAP IBP for response and supply**
1		Lesson: Evaluating of SAP IBP, advanced supply - order-based planning
1		Lesson: Analyzing SAP IBP, advanced supply business planning processes in order-based planning
1		Lesson: Exploring Business Coverage and Integration Overview of SAP IBP, advanced supply - order-based planning
3	**Unit 2:**	**Harmonized Planning Area**
3		Lesson: Introduction to the Harmonized Planning Data Model
3		Lesson: Naming Schemes in the Harmonized Data Model
3		Lesson: Setting up Flexible Data Model for OBP
3		Lesson: Order-Based Planning Calendars
3		Lesson: Supply Chain Model Used for Exercises
5	**Unit 3:**	**Order-Based Settings and Application Mapping**
5		Lesson: Synchronization of Master Data
5		Lesson: Introduction to Application Mapping
5		Lesson: Order-Based Settings
5		Lesson: SAP IBP Order-Based Planning Basics and Profiles
5		Lesson: Versions and Scenarios
7	**Unit 4:**	**Supply Planning**
7		Lesson: Supply Planning Run
7		Lesson: Details of the Planning Run Profile
7		Lesson: Key Capabilities
7		Lesson: Use Case 1: Allocation Creation
7		Lesson: Use Case 2: Order Confirmation based on Availability and Allocation Planning
7		Lesson: Response Planning and Available-to-Promise (ATP)
9	**Unit 5:**	**Deployment Planning Using Heuristics**
9		Lesson: Describing Deployment Planning and Reasoning behind Execution
11	**Unit 6:**	**Overview of other OBP Processes**
11		Lesson: Synchronized Planning – Production Planning Integration

© Copyright. All rights reserved.

13	**Unit 7:**	**Optimizer**
13		Lesson: Overview of Order-Based Supply Optimizer
13		Lesson: Order-Based Optimizer Costs
13		Lesson: Optimizer Run Details
13		Lesson: Describing an Optimized Deployment Plan
13		Lesson: Defining Fair Share in Order-Based Optimization
13		Lesson: Describing Optimization Best Practices
15	**Unit 8:**	**Real Time Integration**
15		Lesson: Real-Time Integration
15		Lesson: Real-Time Integration Reconciliation and Deletion
15		Lesson: Real-Time Integration Extensibility of the Master Data
15		Lesson: Learning from Other Implementations
17	**Unit 9:**	**Appendix**
17		Lesson: Case Study (Optional)
17		Lesson: Customers using Smart Data Integration
17		Lesson: Outlining How to Achieve Fair Share for Demands
17		Lesson: Outlining How to Achieve Fair Share for Inventory
17		Lesson: Fair Share Tiers and Fulfilment Rate Per Tier

© Copyright. All rights reserved.

Course Overview

TARGET AUDIENCE
This course is intended for the following audiences:

- Project Stakeholder
- Application Consultant
- User

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 1

Overview and Positioning of SAP IBP for response and supply

Lesson 1: Evaluating of SAP IBP, advanced supply - order-based planning

Lesson Objectives

After completing this lesson, you will be able to:

- Examine the key components and functionalities of SAP IBP, advanced supply – order-based planning, and explain how they contribute to optimizing order-based planning processes.

Lesson 2: Analyzing SAP IBP, advanced supply business planning processes in order-based planning

Lesson Objectives

After completing this lesson, you will be able to:

- Assess how SAP IBP, advanced supply – order-based planning business processes enhance overall order-based planning efficiency and effectiveness.

Lesson 3: Exploring Business Coverage and Integration Overview of SAP IBP, advanced supply - order-based planning

Lesson Objectives

After completing this lesson, you will be able to:

- Appraise the scope and integration capabilities of SAP IBP, advanced supply – order-based planning business processes within the organization's overall supply chain strategy.

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 2 Harmonized Planning Area

Lesson 1: Introduction to the Harmonized Planning Data Model

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Harmonized Data Model and the basics of I_SAPIBP2 Planning Area.

Lesson 2: Naming Schemes in the Harmonized Data Model

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Naming Convention of the Harmonized Data Model in Planning Area I_SAPIBP2

Lesson 3: Setting up Flexible Data Model for OBP

Lesson Objectives

After completing this lesson, you will be able to:

- Understand how to work with Flexible Master Data.

Lesson 4: Order-Based Planning Calendars

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Calendars in Order-based planning.

Lesson 5: Supply Chain Model Used for Exercises

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Supply Chain Model Used for Exercises in this course.

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 3 Order-Based Settings and Application Mapping

Lesson 1: Synchronization of Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Synchronization of Master Data.

Lesson 2: Introduction to Application Mapping

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Concept of Application Mapping and Business Meaning.

Lesson 3: Order-Based Settings

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Order-Based Settings.

Lesson 4: SAP IBP Order-Based Planning Basics and Profiles

Lesson Objectives

After completing this lesson, you will be able to:

- Describe various profiles in SAP IBP for order-based planning.

Lesson 5: Versions and Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the difference between versions and scenarios.

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 4 Supply Planning

Lesson 1: Supply Planning Run

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the details of Supply Planning Run.

Lesson 2: Details of the Planning Run Profile

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the constraints that can be considered during order-based planning runs in SAP IBP.

Lesson 3: Key Capabilities

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the key features of the Supply Planning with Allocation Creation run.

Lesson 4: Use Case 1: Allocation Creation

Lesson Objectives

After completing this lesson, you will be able to:

- Describe features of the Supply Planning with Allocation Run.

Lesson 5: Use Case 2: Order Confirmation based on Availability and Allocation Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Understand where Response Planning fits in the entire process.

Lesson 6: Response Planning and Available-to-Promise (ATP)

© Copyright. All rights reserved.

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the interaction between order-based-planning in SAP IBP and Available-to-Promise (ATP).

© Copyright. All rights reserved.

UNIT 5 Deployment Planning Using Heuristics

Lesson 1: Describing Deployment Planning and Reasoning behind Execution

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Deployment Run.

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 6

Overview of other OBP Processes

Lesson 1: Synchronized Planning – Production Planning Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an Overview of Integration to Production Planning.

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 7 Optimizer

Lesson 1: Overview of Order-Based Supply Optimizer

Lesson Objectives

After completing this lesson, you will be able to:

- Get an overview of Order-Based Optimizer.

Lesson 2: Order-Based Optimizer Costs

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Costs used in Order-Based Optimizer.

Lesson 3: Optimizer Run Details

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Optimizer Run Details.

Lesson 4: Describing an Optimized Deployment Plan

Lesson Objectives

After completing this lesson, you will be able to:

- Describe features of an optimized deployment plan.

Lesson 5: Defining Fair Share in Order-Based Optimization

Lesson Objectives

After completing this lesson, you will be able to:

- Describe features and capabilities of Fair Share in Order-Based Optimization.

Lesson 6: Describing Optimization Best Practices

Lesson Objectives

© Copyright. All rights reserved.

After completing this lesson, you will be able to:

- Describe Optimization Best Practices.

© Copyright. All rights reserved.

UNIT 8 Real Time Integration

Lesson 1: Real-Time Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the option for real-time integration between SAP ERP, SAP S/4HANA on-premise, and SAP IBP for master and transactional data.

Lesson 2: Real-Time Integration Reconciliation and Deletion

Lesson Objectives

After completing this lesson, you will be able to:

- Explain comparison and reconciliation.

Lesson 3: Real-Time Integration Extensibility of the Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Learn how to Extend Master Data.

Lesson 4: Learning from Other Implementations

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Learnings from Other Implementations.

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 9 Appendix

Lesson 1: Case Study (Optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how SAP IBP is used to address Supply Chain Issues faced by a customer over the entire planning horizon.

Lesson 2: Customers using Smart Data Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Additional Considerations for Real-Time Integration.

Lesson 3: Outlining How to Achieve Fair Share for Demands

Lesson Objectives

After completing this lesson, you will be able to:

- Outline how Fair Share of Demand can be achieved.

Lesson 4: Outlining How to Achieve Fair Share for Inventory

Lesson Objectives

After completing this lesson, you will be able to:

- Outline how fair share for inventory can be achieved.

Lesson 5: Fair Share Tiers and Fulfilment Rate Per Tier

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Fair Share Tiers and Fulfilment Rate Per Tier.

© Copyright. All rights reserved.