

ADM328

SAP S/4HANA Conversion and SAP System Upgrade

COURSE OUTLINE

Course Version: 26

Course Duration:

SAP Copyrights, Trademarks and Disclaimers

© 2025 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

Contents

ix Course Overview

1 Unit 1: Listing the Major Steps of an SAP S/4HANA Conversion

1 Lesson: Identifying the Major Steps of an SAP S/4HANA Conversion

3 Unit 2: Describing the Concept of an SAP S/4HANA Conversion

3 Lesson: Analyzing the Architecture of an SAP System

3 Lesson: Understanding the Concept of an Upgrade and an SAP S/4HANA Conversion

3 Lesson: Considering Complexity Drivers and Maintenance Aspects

5 Unit 3: Introducing the SAP S/4HANA Conversion

5 Lesson: Exploring the SAP S/4HANA Conversion

7 Unit 4: Using the Maintenance Planner for an SAP S/4HANA Conversion

7 Lesson: Describing SAP Solution Manager and Maintenance Planner

7 Lesson: Planning a Software Change

9 Unit 5: Performing Manual Preparation Activities for an SAP S/4HANA Conversion

9 Lesson: Performing the Simplification Item Checks

9 Lesson: Performing the Custom Code Analysis

9 Lesson: Performing Cross-Application Preparations

9 Lesson: Preparing the Move to SAP S/4HANA Cloud Private Edition

11 Unit 6: Performing Manual Preparation Activities for Software Update Manager

11 Lesson: Performing Steps from SAP Notes

11 Lesson: Performing Steps from the Software Update Manager Guides

13 Unit 7: Describing the Concept of the Software Update Manager

13 Lesson: Understanding the Concept of the Software Update Manager

13 Lesson: Using the Software Update Manager

13 Lesson: Using Tools Supporting the Software Update Manager

15 Unit 8: Performing the Software Update Manager – Prepare Part

15 Lesson: Configuring the Software Update Manager

17	Unit 9:	Performing the Software Update Manager – Processing Part
17		Lesson: Processing the Software Update Manager
17		Lesson: Starting the Remaining Data Conversion (Silent Data Migration) (SDM)
19	Unit 10:	Performing Manual Follow-Up Activities for the Software Update Manager
19		Lesson: Performing Steps from SAP Notes
19		Lesson: Performing Steps from the Software Update Manager Guides
21	Unit 11:	Performing Manual Follow-On Activities for an SAP S/4HANA Conversion
21		Lesson: Performing Manual Follow-On Activities for an SAP S/4HANA Conversion
23	Unit 12:	Performing the Modification Adjustments
23		Lesson: Understanding the Concept of Modification Adjustment
23		Lesson: Performing the SPDD Modification Adjustment
23		Lesson: Performing the SPAU Modification Adjustment
25	Unit 13:	Describing Troubleshooting
25		Lesson: Starting with Troubleshooting
27	Unit 14:	Understanding the Database Migration Option (DMO)
27		Lesson: Exploring the Database Migration Option (DMO)
29	Unit 15:	Optimizing the Downtime
29		Lesson: Describing Downtime
29		Lesson: Analyzing the Downtime of the Software Update Manager Procedure
29		Lesson: Describing Near-Zero Downtime Maintenance (nZDM) Capabilities of the Software Update Manager
29		Lesson: Describing Downtime-Optimized Conversion
31	Unit 16:	Converting an SAP System Landscape
31		Lesson: Converting a Three-System Landscape
31		Lesson: Describing Selective Data Transition
31		Lesson: Describing the Roadmap Viewer

33	Unit 17:	Activating Business Functions
33		Lesson: Understanding the Concept of Business Functions
33		Lesson: Transporting Business Functions
33		Lesson: Understanding Business Function Restrictions
35	Unit 18:	Understanding a Unicode Conversion
35		Lesson: Understanding the Concept of Unicode
35		Lesson: Describing a Unicode Conversion
37	Unit 19:	Exercises and Solutions
37		Lesson: Summarizing Exercises and Solutions

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Technology Consultant
- System Administrator

UNIT 1

Listing the Major Steps of an SAP S/4HANA Conversion

Lesson 1: Identifying the Major Steps of an SAP S/4HANA Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- List the major steps of an SAP S/4HANA Conversion.

Lesson 1: Analyzing the Architecture of an SAP System

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the architecture of an SAP system.

Lesson 2: Understanding the Concept of an Upgrade and an SAP S/4HANA Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of an upgrade and an SAP S/4HANA conversion.

Lesson 3: Considering Complexity Drivers and Maintenance Aspects

Lesson Objectives

After completing this lesson, you will be able to:

- Determine considerations of an upgrade and an SAP S/4HANA conversion.

UNIT 3

Introducing the SAP S/4HANA Conversion

Lesson 1: Exploring the SAP S/4HANA Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- Give an overview of the SAP S/4HANA conversion process.

UNIT 4

Using the Maintenance Planner for an SAP S/4HANA Conversion

Lesson 1: Describing SAP Solution Manager and Maintenance Planner

Lesson Objectives

After completing this lesson, you will be able to:

- Start the Maintenance Planner for an upgrade and an SAP S/4HANA conversion.

Lesson 2: Planning a Software Change

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Maintenance Planner for an upgrade and an SAP S/4HANA conversion.

UNIT 5

Performing Manual Preparation Activities for an SAP S/4HANA Conversion

Lesson 1: Performing the Simplification Item Checks

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the Simplification Item Check for an SAP S/4HANA conversion.

Lesson 2: Performing the Custom Code Analysis

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the custom code analysis.

Lesson 3: Performing Cross-Application Preparations

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the technical cross-application preparations.

Lesson 4: Preparing the Move to SAP S/4HANA Cloud Private Edition

Lesson Objectives

After completing this lesson, you will be able to:

- Review the communications delivered to customers after purchasing SAP S/4HANA Cloud.
- Provision systems in SAP for Me.
- Know the additional storage requirements.

UNIT 6

Performing Manual Preparation Activities for Software Update Manager

Lesson 1: Performing Steps from SAP Notes

Lesson Objectives

After completing this lesson, you will be able to:

- Detect the steps from SAP Notes.

Lesson 2: Performing Steps from the Software Update Manager Guides

Lesson Objectives

After completing this lesson, you will be able to:

- Detect the steps from the Software Update Manager guides.

Lesson 1: Understanding the Concept of the Software Update Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of the Software Update Manager.

Lesson 2: Using the Software Update Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Use the UI of the Software Update Manager.

Lesson 3: Using Tools Supporting the Software Update Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Use tools supporting the Software Update Manager.

UNIT 8

Performing the Software Update Manager – Prepare Part

Lesson 1: Configuring the Software Update Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Configure the Software Update Manager.

Lesson 1: Processing the Software Update Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Software Update Manager procedure.

Lesson 2: Starting the Remaining Data Conversion (Silent Data Migration) (SDM)

Lesson Objectives

After completing this lesson, you will be able to:

- Start the remaining data conversion (Silent Data Migration) (SDM).

UNIT 10

Performing Manual Follow-Up Activities for the Software Update Manager

Lesson 1: Performing Steps from SAP Notes

Lesson Objectives

After completing this lesson, you will be able to:

- Identify steps from SAP Notes.

Lesson 2: Performing Steps from the Software Update Manager Guides

Lesson Objectives

After completing this lesson, you will be able to:

- Identify steps from the Software Update Manager guides.

UNIT 11

Performing Manual Follow-On Activities for an SAP S/4HANA Conversion

Lesson 1: Performing Manual Follow-On Activities for an SAP S/4HANA Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the SAP S/4HANA conversion follow-on activities.

Lesson 1: Understanding the Concept of Modification Adjustment

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of modification adjustment.

Lesson 2: Performing the SPDD Modification Adjustment

Lesson Objectives

After completing this lesson, you will be able to:

- Perform SPDD.

Lesson 3: Performing the SPAU Modification Adjustment

Lesson Objectives

After completing this lesson, you will be able to:

- Perform SPAU.

Lesson 1: Starting with Troubleshooting

Lesson Objectives

After completing this lesson, you will be able to:

- Perform troubleshooting of the Software Update Manager procedure.

Lesson 1: Exploring the Database Migration Option (DMO)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Database Migration Option (DMO).

Lesson 1: Describing Downtime

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of downtime.

Lesson 2: Analyzing the Downtime of the Software Update Manager Procedure

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the influencing factors of the downtime of the Software Update Manager procedure.

Lesson 3: Describing Near-Zero Downtime Maintenance (nZDM) Capabilities of the Software Update Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Near-Zero Downtime Maintenance (nZDM) Capabilities of the Software Update Manager.

Lesson 4: Describing Downtime-Optimized Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the downtime-optimized conversion.

Lesson 1: Converting a Three-System Landscape

Lesson Objectives

After completing this lesson, you will be able to:

- Convert a three-system landscape.

Lesson 2: Describing Selective Data Transition

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Selective Data Transition.

Lesson 3: Describing the Roadmap Viewer

Lesson Objectives

After completing this lesson, you will be able to:

- Describing the Roadmap Viewer.

Lesson 1: Understanding the Concept of Business Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of business functions.

Lesson 2: Transporting Business Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Transport business functions.

Lesson 3: Understanding Business Function Restrictions

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the activation of business functions in the context of SAP S/4HANA.

Lesson 1: Understanding the Concept of Unicode

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of Unicode.

Lesson 2: Describing a Unicode Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to perform a Unicode conversion.

Lesson 1: Summarizing Exercises and Solutions

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a technical SAP S/4HANA conversion or a technical SAP system upgrade.