

Data Migration Using The SAP S/4HANA Migration Cockpit

**COURSE OUTLINE** 

Course Version: 21 Course Duration:

# SAP Copyrights, Trademarks and Disclaimers

© 2020 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 <a href="http://global12.sap.com/corporate-en/legal/copyright/index.epx">http://global12.sap.com/corporate-en/legal/copyright/index.epx</a> for additional trademark information and notices.

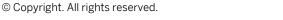
Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

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.





iii

# **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  | 1<br>2<br>3  |
| Warning or Caution   |              |
| Hint   |              |
| Related or Additional Information                              | >            |
| Facilitated Discussion   | <b></b>      |
| User interface control   | Example text |
| Window title   | Example text |

# Contents

#### vii Course Overview

| 1           | Unit 1: | Introduction To Data Migration  |
|-------------|---------|---|
| 1           |         | Lesson: Migrating to SAP S/4HANA  |
| 3           | Unit 2: | Migrating Data Using Files  |
| 3<br>3      |         | Lesson: Creating a Migration Project<br>Lesson: Processing Errors   |
| 5           | Unit 3: | Adapting Migration Objects Using the Migration Object Modeler   |
| 5<br>5      |         | Lesson: Changing The Fields Of A Migration Object<br>Lesson: Debugging Migration Runs   |
| 7           | Unit 4: | Migrating Data Using Staging Tables   |
| 7<br>7<br>7 |         | Lesson: Preparing To Use Staging Tables<br>Lesson: Creating a Migration Project With Staging Tables<br>Lesson: Using the Migration Object Modeler in a Staging Table<br>Project |
| 9           | Unit 5: | Migrating Data Using Direct Transfer  |
| 9<br>9<br>9 |         | Lesson: Creating A Direct Transfer Project<br>Lesson: Technical Requirements for Direct Transfer<br>Lesson: Performing The Direct Transfer                                      |
| 11          | Unit 6: | Copying Projects Between Systems  |
| 11          |         | Lesson: Copying Projects Between Systems  |
| 13          | Unit 7: | Creating Your Own Migration Object  |
| 13<br>13    |         | Lesson: Create Your Own Function Module<br>Lesson: Creating the Migration Object  |



# **Course Overview**

#### TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Development Consultant
- Technology Consultant



vii

# **UNIT1** Introduction To Data Migration

# Lesson 1: Migrating to SAP S/4HANA

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Understand the migration scenarios



# UNIT 2 Migrating Data Using Files

# **Lesson 1: Creating a Migration Project**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Use the Migration Cockpit
- Prepare the migration
- Migrate the data

### Lesson 2: Processing Errors

#### Lesson Objectives

After completing this lesson, you will be able to:

• Process errors in the file transfer



# UNIT 3 Adapting Migration Objects Using the Migration Object

# Lesson 1: Changing The Fields Of A Migration Object

**Modeler** 

#### Lesson Objectives

After completing this lesson, you will be able to:

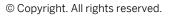
- Change fields in an existing migration object
- Add translation objects to a migration project
- Add a coded rule

### Lesson 2: Debugging Migration Runs

#### Lesson Objectives

After completing this lesson, you will be able to:

• Debug a migration run





# UNIT 4 Migrating Data Using Staging Tables

### Lesson 1: Preparing To Use Staging Tables

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Prepare to use staging tables

### Lesson 2: Creating a Migration Project With Staging Tables

#### **Lesson Objectives**

After completing this lesson, you will be able to:

Create a project that uses staging tables

# Lesson 3: Using the Migration Object Modeler in a Staging Table Project

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Use the migration object modeler to manipulate customer numbers



# UNIT 5 Migrating Data Using Direct Transfer

# Lesson 1: Creating A Direct Transfer Project

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Create a direct transfer project

### Lesson 2: Technical Requirements for Direct Transfer

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Technical requirements for direct transfer

### Lesson 3: Performing The Direct Transfer

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Perform the direct transfer
- Analyze errors in the simulation



# UNIT 6 Copying Projects Between Systems

# **Lesson 1: Copying Projects Between Systems**

### **Lesson Objectives**

After completing this lesson, you will be able to:

Copy migration projects between systems



# UNIT 7 Creating Your Own Migration Object

# Lesson 1: Create Your Own Function Module

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Create a Function module

### Lesson 2: Creating the Migration Object

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Create the migration object

