

ADM325

Software Logistics for SAP S/4HANA and SAP Business Suite

COURSE OUTLINE

Course Version: 23

Course Duration:

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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	<i>Example text</i>
Window title	<i>Example text</i>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Technology Consultant
- System Administrator

Lesson 1: SAP System Landscape

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the difference between an application and an SAP system
- Explain the need for a multi-system landscape

Lesson 2: Client Concept

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the data structure of an AS ABAP based SAP system
- List different client roles and explain their use
- Illustrate an example of a multi-system landscape

Lesson 3: Describing System Change Options and Client Change Options

Lesson Objectives

After completing this lesson, you will be able to:

- Use system change options and client change options for your transport landscape
- Outline the idea of Customizing using current settings

Lesson 1: Setting Up the Transport Management System (TMS)

Lesson Objectives

After completing this lesson, you will be able to:

- List the main steps to set up a system landscape
- Explain the use of the transport directory
- Define the terms transport domain, system landscape, and transport group
- Create a transport domain and add additional systems to it
- Outline how to configure tp from within the Transport Management System
- Configure transport routes
- Configure the quality assurance approval procedure
- Check the setup of the Transport Management System (TMS)

Lesson 2: Configuring Extended Transport Control

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the use of transport target groups and client-specific transport routes
- Describe a suitable system landscape for parallel project development and maintenance
- Outline the transport process between different transport groups and transport domains

Lesson 1: Customizing and Customizing Projects

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the meaning of Customizing
- Illustrate the use of Implementation Guides for Customizing
- Outline the Role of SAP Solution Manager in implementation projects

Lesson 2: Transport Requests for Customizing

Lesson Objectives

After completing this lesson, you will be able to:

- Create transport requests for Customizing
- Explain the use of CTS projects
- Describe the content of a transport request for Customizing changes

Lesson 3: Customizing Procedure

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Customizing procedure from the creation to the release of a transport request
- Explain the difference between a workbench request and a customizing request
- List Best Practices for Customizing

Lesson 4: Transport Requests for Development

Lesson Objectives

After completing this lesson, you will be able to:

- List Best Practices for Development
- List differences between Customizing and development
- Outline the idea of SAP Software Change Registration

- Outline the idea of naming concepts and the repository object directory
- Explain the concept of packages

Lesson 5: Customer Development

Lesson Objectives

After completing this lesson, you will be able to:

- Explain object locking and version management
- Describe the process of releasing a transport request that contains repository objects
- List selected Transport Organizer tools and explain their use
- List authorizations for software logistics

Lesson 6: Modifying SAP Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the difference between an original and a copy and the consequences for transport tasks
- Explain the process flow for modifications

Lesson 1: The Transport Process

Lesson Objectives

After completing this lesson, you will be able to:

- Illustrate the transport process with QA approval procedure

Lesson 2: Imports Using TMS

Lesson Objectives

After completing this lesson, you will be able to:

- Compare the different queue-based options to import transport requests
- Explain how to time imports and to define maintenance periods
- Describe the different transport strategies
- Outline the use of Transport of Copies and Relocations

Lesson 3: QA Approval Procedure and Transport Proposals

Lesson Objectives

After completing this lesson, you will be able to:

- Use the QA approval procedure
- Explain the idea of the transport workflow

Lesson 4: Import Process

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the different steps during the import of transport requests
- Explain the use of tp commands

Lesson 5: Monitoring Tools

Lesson Objectives

After completing this lesson, you will be able to:

- List selected monitoring tools and explain their use
- Explain the content of the transport directory
- Troubleshoot typical import errors

Lesson 6: Cleaning up the Transport Directory

Lesson Objectives

After completing this lesson, you will be able to:

- Name tp commands to clean up the transport directory

Lesson 1: System Landscape Options

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze different system landscape options and explain their pros and cons

Lesson 1: Client Copy and Client Transport Tools

Lesson Objectives

After completing this lesson, you will be able to:

- List client copy and client transport tools
- Outline the idea of copies based on transport requests
- Create a new client with the help of a local client copy
- Illustrate the use of remote client copies, client transports and client deletions
- Describe the monitoring of client copies

Lesson 2: Client Compare and Client Maintenance Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a Client Comparison
- Outline the idea of client adjustments with respect to Customizing
- Describe how to compare two repositories

Lesson 1: SAP Note Assistant

Lesson Objectives

After completing this lesson, you will be able to:

- List the advantages of automatically implementing SAP Notes
- List options to find relevant SAP Notes and explain how to distribute them in your system landscape
- Implement SAP Notes with SAP Note Assistant
- Describe the difference between SAP Notes with correction instructions and SAP Notes with transport-based correction instructions
- Outlook: Find SAP Notes automatically

Lesson 2: SAP Support Packages

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the prerequisites for requesting an SAP Support Package Stack
- Import an SAP Support Package that requires a modification adjustment
- Explain the difference between SAP Support Package Stacks and Feature Package Stacks

Lesson 3: SAP System Upgrade and SAP S/4HANA Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- List capabilities of SUM
- Describe important steps for planning and performing an SAP System Upgrade or an SAP S/4HANA Conversion
- Outline the idea of business functions

Lesson 1: Enhanced CTS - The Basic Idea

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the basic idea of the enhanced CTS

Lesson 2: Configuration of the Change and Transport System for the enhanced CTS

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the configuration steps for the enhanced CTS

Lesson 3: Transport of non-ABAP Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Perform transports of non-ABAP objects with the help of the ABAP Change and Transport System
- List use cases for the enhanced CTS
- Outline the transport options of SAP HANA content

Lesson 4: Outlook: Integration of ABAP Development Into CI / CD (DevOps) Processes with the Help of gCTS

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the basic idea of DevOps and gCTS