S48600

Exploring Business Processes in SAP S/4HANA Cloud Private Edition, Transportation Management

COURSE OUTLINE

Course Version: 26
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	*Example text*
Window title	*Example text*

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Course Overview

TARGET AUDIENCE
This course is intended for the following audiences:

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UNIT 1 Introducing Transportation Management

Lesson 1: Explaining the Transportation Management Features and Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Explain standard processes in transportation management

Lesson 2: Accessing Transportation Management Using SAP Fiori Apps

Lesson Objectives

After completing this lesson, you will be able to:

- Set up workspace preferences and create queries and views to analyze transportation needs and transportation orders

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UNIT 2 Defining Transportation Management Master Data

Lesson 1: Explaining General Master Data for Transportation Management

Lesson Objectives

After completing this lesson, you will be able to:

- Conceptualize general master data

Lesson 2: Explaining Organizational Structures for Transportation Management

Lesson Objectives

After completing this lesson, you will be able to:

- Conceptualize the organizational structures relevant for transportation management

Lesson 3: Using Materials Master Data for Transportation Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the role of material master data in the context of transportation management

Lesson 4: Using Business Partner for Transportation Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the role of business partners in the context of transportation management

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UNIT 3 Developing Transportation Networks

Lesson 1: Understanding Transportation Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the use of transportation networks in SAP TM

Lesson 2: Creating Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Create locations

Lesson 3: Creating Transportation Zones

Lesson Objectives

After completing this lesson, you will be able to:

- Create transportation zones

Lesson 4: Creating Transportation Lanes

Lesson Objectives

After completing this lesson, you will be able to:

- Create transportation lanes

Lesson 5: Creating Default Routes and Schedules

Lesson Objectives

After completing this lesson, you will be able to:

- Create default routes and schedules

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UNIT 4

Managing Transportation Capacities, Conditions and Incompatibilities

Lesson 1: Defining Transportation Capacities

Lesson Objectives

After completing this lesson, you will be able to:

- Create transportation capacities

Lesson 2: Using Conditions and Incompatibilities

Lesson Objectives

After completing this lesson, you will be able to:

- Use conditions and incompatibilities to model business requirements

Lesson 3: Scenario Builder

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Scenario Builder

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UNIT 5 Creating Transportation Requirements

Lesson 1: Defining Transportation Relevance

Lesson Objectives

After completing this lesson, you will be able to:

- Explain transportation relevance and how sales and purchasing trigger transportation processes

Lesson 2: Defining Freight Units

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze freight units, their attributes and their use

Lesson 3: Managing Packaging Information

Lesson Objectives

After completing this lesson, you will be able to:

- Recoginize the role of package building and normalized quantities

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UNIT 6 Planning Transportation

Lesson 1: Defining Transportation Documents

Lesson Objectives

After completing this lesson, you will be able to:

- Recognize the purpose of various documents related to the planning and execution of transportation processes

Lesson 2: Defining Planning Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the different planning processes and options
- Explain the different selection options for planning processes
- Define the tasks involved in transportation planning and identify the relevant SAP Fiori apps used to carry out these tasks

Lesson 3: Planning Interactively

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the relevant transportation activities and their scheduling logic
- Access the transportation cockpit
- Perform interactive planning to create freight orders

Lesson 4: Planning Automatically Using the Optimizer and Proposal

Lesson Objectives

After completing this lesson, you will be able to:

- Generate a transportation proposal
- Understand the logic of VSR optimization
- Execute the VSR optimizer

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Lesson 5: Planning Loads

Lesson Objectives

After completing this lesson, you will be able to:

- Generate a load plan

Lesson 6: Creating Freight Bookings

Lesson Objectives

After completing this lesson, you will be able to:

- Create freight bookings and recognize how they differ from freight orders

Lesson 7: Selecting Carriers and Tendering

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the carrier selection process
- Assign carriers to freight orders and freight bookings
- Tender freight orders
- Explain freight collaboration through SAP Business Network for Logistics

Lesson 8: Creating Service Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Create service orders relevant to the transportation of goods and materials

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UNIT 7 Monitoring Transportation Execution

Lesson 1: Creating Deliveries

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

- Create deliveries and integrate them into the transportation process
- Explain the options for delivery integration

Lesson 2: Integrating into Warehouse Processes

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

- Explain how the transportation process integrates with warehouse processes
- Understand the options to integrate into warehousing processes
- Understand the advanced shipping and receiving process

Lesson 3: Loading and Unloading Freight Orders

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

- Load and unload freight orders and post goods issue

Lesson 4: Generating Document Outputs for Print and Digital Delivery

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

- Generate outputs for your freight order and preview the documents

Lesson 5: Monitoring the Execution of the Freight Documents

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

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- Monitor the execution of freight documents

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UNIT 8 Processing Transportation Cost and Charges

Lesson 1: Managing Charge Calculation Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Understand how freight agreements, charge calculation sheets, rate tables, and scales are maintained

Lesson 2: Calculating Charges in Freight Documents

Lesson Objectives

After completing this lesson, you will be able to:

- Calculate transportation charges

Lesson 3: Settling Freight Charges

Lesson Objectives

After completing this lesson, you will be able to:

- Generate freight settlement documents
- Post freight charges to MM
- Verify freight invoices

Lesson 4: Distributing Freight Costs

Lesson Objectives

After completing this lesson, you will be able to:

- Distribute freight costs to relevant sales order items and other transportation relevant process items
- Include freight costs into the SD billing document

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