

IDS30

Exploring Logistics and Maintenance in SAP S/4HANA Defense & Security

COURSE OUTLINE

Course Version: 2601

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:

- Application Consultant
- Support Consultant
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Solution Architect

UNIT 1

Explaining Defense and Security Logistics - Introduction and Overview

Lesson 1: Describing the Motivation for Defense and Security Logistics

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the motivation for Defense and Security logistics.

Lesson 2: Explaining Stocks Versus Provisions

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the difference between Stocks and Provisions.

Lesson 3: Explaining Organizational Structure Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the organizational structure integration.

Lesson 4: Explaining the Material Numbering Solution

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Defense and Security Material Numbering Solution.

Lesson 5: Accessing Course Simulations

Lesson Objectives

After completing this lesson, you will be able to:

- Access All Simulations in this Course

Lesson 1: Describing Stocks Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Flexible Material Planning Object (FMPO) structure.

Lesson 2: Assigning Stocks Authorizations

Lesson Objectives

After completing this lesson, you will be able to:

- Assign FMPO authorizations to Force Elements and Positions.
- Explain the FMPO assignment attributes and assign Product Authorizations to Force Elements and Positions.

Lesson 3: Explaining the Authorized-Actual (AAC) Report

Lesson Objectives

After completing this lesson, you will be able to:

- Explain and define the AAC report selection parameters.
- Run the AAC report and read and explain the AAC report results.

Lesson 4: Explaining Stocks Requirements and Fulfillment

Lesson Objectives

After completing this lesson, you will be able to:

- Request Stock Material based on results from Authorized / Actual Comparison.

Lesson 5: Explaining the Condition Code/Return Delivery

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of Condition Code.

- Trigger an automatic return delivery.

Lesson 6: Describing Loans

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of loans.
- Explain the differences between loans and returns.

Lesson 7: Explaining Equipment Packages (EPA)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of Equipment Packages.
- Describe the structural prerequisites to support Equipment Packages.
- Describe the master data requirements for Equipment Packages.
- Describe the end-to-end process for Equipment Packages.

Lesson 1: Explaining Logistical Integration in Org. structure

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Integration of Logistics for Provisions and Organizational Structures.

Lesson 2: Describing Master Data for Provisions

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Material Master Data Aspects for Provisions.

Lesson 3: Explaining Prioritization of Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Options to prioritize Material Requirements.

Lesson 4: Explaining Provisions Packages and Initial Supply Run

Lesson Objectives

After completing this lesson, you will be able to:

- Plan authorized provisions of a Force Element using a Provision Package FMPO.
- Describe the execution of the initial supply for a force element.

Lesson 5: Explaining Manual Requests, Advice, and Status Code

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how to manually request materials using SAP Fiori apps.

Lesson 6: Explaining MRP Live Requests

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how MRP Live can be used by Defense Organizations to plan material provisions.

Lesson 7: Explaining Automated Supply of High Priority Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how requirement priorities can be used to automate the creation of Stock Transport Purchase Orders and Outbound Deliveries.

Lesson 8: Explaining Return Delivery

Lesson Objectives

After completing this lesson, you will be able to:

- Initiate and Process a Material Return.

UNIT 4

Explaining Defense and Security: Personal and Functional Equipment

Lesson 1: Describing Personal and Functional Equipment - Overview and Concepts

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how SAP Defense and Security uses Personal and Functional Equipment to manage materials issued to persons.

Lesson 2: Describing Planning of Personal and Functional Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the definition of authorized materials for persons.

Lesson 3: Describing the Issuing of Personal and Functional Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process to issue functional and personal equipment.

Lesson 4: Describing Reporting and Service Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Monitor the equipment status of persons and force elements.

Lesson 5: Describing the Returning of Personal and Functional Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process to return functional and personal equipment.

- Describe the process of transferring personal and functional equipment from one person to another.

Lesson 6: Describing Customizing and Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Describe necessary customizing settings to issue materials to persons.
- Describe master data required to issue materials to persons.

Lesson 1: Describing Technical Objects in Defense Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the differences of technical objects including master equipment and critical/site equipment.
- Describe the configuration control.

Lesson 2: Explaining Work Center Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Work Center Integration in SAP Defense and Security.
- Describe the difference between a Responsible Work Center and an Executing Work Center.

Lesson 3: Describing Model Maintenance Dependencies in a Defense Organization

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the maintenance attributes of a Force Element.

Lesson 4: Outlining the Standard Corrective Maintenance Process

Lesson Objectives

After completing this lesson, you will be able to:

- Outline a corrective maintenance process in SAP D&S.

Lesson 5: Describing the Forwarding Process of Maintenance Notifications

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the forwarding process in SAP D&S.

Lesson 6: Describing the Usage of Extended View for Maintenance Notification

Lesson Objectives

After completing this lesson, you will be able to:

- Understand which information is provided by the extended view for maintenance notifications.

Lesson 7: Explaining Maintenance Book

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Maintenance Book.

Lesson 8: Utilizing Status Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Technical Status.
- Explain the Aggregation of the Technical Status.
- Describe the Operational Status.
- Describe the Status Board App.

Lesson 9: Monitoring a Relocation of Technical Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the relocation process of technical objects.

Lesson 10: Identifying and Modeling Platforms to Describe Business Capabilities

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the definition and concept of Platform Code.
- Explain some key business needs for using the Platform Code functionalities.
- Explain the differences to other existing Defense and Security object hierarchies.

Lesson 11: Using the D&S Application Variants for Standard Maintenance Applications

Lesson Objectives

After completing this lesson, you will be able to:

- Explain what native Fiori apps are currently available for SAP Defense and Security.

Lesson 1: Outlining the Support of Flight Operations Prerequisites

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the prerequisites to use the functionalities of support of flight operations.

Lesson 2: Describing Support of Flight Operations Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Explain a typical line maintenance scenario.

Lesson 3: Managing Status in Flight Operation

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the different kind of statuses of Defense and Security line maintenance.

Lesson 4: Creating and Monitoring Flights

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how Defense and Security supports Flight Operations Management.

Lesson 5: Explaining Aircraft Assignment

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how Defense and Security provides decision support for selecting aircraft to be assigned to a flight.

Lesson 6: Describing after Flight Debriefing and Malfunction Documentation

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the debriefing procedure after flight.

Lesson 7: Describing Customizing

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the general steps of customizing for support of flight operations.