

SM100

SAP Solution Manager Configuration for Operations

COURSE OUTLINE

Course Version: 20

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>

Contents

ix **Course Overview**

1 Unit 1: SAP Solution Manager Environment

- 1 Lesson: Introducing the Course
- 1 Lesson: Explaining Application Lifecycle Management (ALM) and Usage Rights
- 1 Lesson: Explaining the Integrated Tools
- 1 Lesson: Authorization Management

3 Unit 2: SAP Solution Manager System Landscape

- 3 Lesson: Planning the SAP Solution Manager Architecture and Landscape
- 3 Lesson: Agent Infrastructure for the SAP Solution Manager System Landscape

5 Unit 3: SAP Solution Manager Sizing, Installation, and Upgrade

- 5 Lesson: Sizing an SAP Solution Manager System
- 5 Lesson: Installing an SAP Solution Manager System
- 5 Lesson: Preparing to Upgrade an SAP Solution Manager System

7 Unit 4: Management of System Data in the SAP Solution Manager System Landscape (SLD, LMDB and Support Portal)

- 7 Lesson: Describing the Functions and Consumers of the System Landscape Directory (SLD)
- 7 Lesson: Synchronizing Data to the Landscape Management Database (LMDB)

9 Unit 5: SAP Solution Manager Configuration: Guided Procedures and Mandatory Configuration

- 9 Lesson: Performing Prerequisite Checks for Configuring SAP Solution Manager
- 9 Lesson: Explaining the Guided Procedures for Configuring SAP Solution Manager
- 9 Lesson: Performing the System Preparation
- 9 Lesson: Performing the Infrastructure Preparation
- 9 Lesson: Performing the Basic Configuration
- 10 Lesson: Appendix: Explaining Embedded Search Architecture and Configuration

11	Unit 6:	Managed Systems Configuration
11		Lesson: Preparing the Managed Systems Configuration
11		Lesson: Performing the Managed Systems Configuration for SAP S/4HANA and Java Systems
11		Lesson: Explaining the Managed Systems Configuration - Additional Functions
11		Lesson: Cross Scenario Configuration - Usage Logging (UPL)
11		Lesson: Describing the Available User Interfaces
13	Unit 7:	Business Partner Types in SAP Solution Manager
13		Lesson: Creating Business Partners in SAP Solution Manager
15	Unit 8:	Process Management (SOLADM and SOLDOC)
15		Lesson: Describing Solution Administration
15		Lesson: Describing Solution Documentation
17	Unit 9:	SAP EarlyWatch Alerts (EWA)
17		Lesson: Describing SAP EarlyWatch Alert (EWA) Concept and Configuration
17		Lesson: Creating an SAP EarlyWatch Alert (EWA) Report Manually
17		Lesson: Accessing SAP EarlyWatch Alert Reports
17		Lesson: Describing the EarlyWatch Alert Management Guided Procedure (GP)
17		Lesson: Appendix: Describing an Example of an EarlyWatch Alert Java
19	Unit 10:	SAP Engagement and Service Delivery
19		Lesson: Explaining Service Delivery and Engagement in SAP Solution Manager
19		Lesson: Creating Issues in SAP Solution Manager
19		Lesson: Using Service Delivery Options in SAP Solution Manager
19		Lesson: Appendix: Describing the Engagement and Service Delivery Guided Procedure (GP)
21	Unit 11:	Change Management
21		Lesson: Using Maintenance Planner
21		Lesson: Managing Licenses and Maintenance Certificates
21		Lesson: Using System Recommendations

23 Unit 12: Job Management

23	Lesson: Explaining the Challenges of Job Management
23	Lesson: Controlling End User Jobs using the Job Request Function
23	Lesson: Using Job Documentation
23	Lesson: Monitoring Background Jobs with SAP Solution Manager
23	Lesson: Optimizing the Background Job Schedule with SAP Solution Manager Tools
23	Lesson: Setting Up Job Scheduling Management in SAP Solution Manager
24	Lesson: Using External Schedulers in SAP Solution Manager

25 Unit 13: Root Cause Analysis (RCA)

25	Lesson: Explaining End-to-End Root Cause Analysis – Overview
25	Lesson: Using CA APM Introscope
25	Lesson: Using End-to-End Workload Analysis (WA)
25	Lesson: Using End-to-End Exception Analysis (EA)
25	Lesson: Using End-to-End Change Analysis (CA)
25	Lesson: Using End-to-End Trace Analysis (TA)
26	Lesson: Appendix: Exception Management
26	Lesson: Appendix: Configuration Validation

27 Unit 14: Monitoring and Alerting Infrastructure (MAI)

27	Lesson: Introducing the Monitoring and Alerting Infrastructure (MAI)
27	Lesson: Introducing the Monitoring Template Concept, Configuration
27	Lesson: Using the System and Application Monitoring functions

29 Unit 15: Dashboards and SAP Mobile Application

29	Lesson: Dashboard Builder
29	Lesson: Focused Insights
29	Lesson: SAP Mobile Applications

31 Unit 16: Service Level Reporting (SLR)

31	Lesson: Configuring Service Level Reporting (SLR)
31	Lesson: Accessing Service Level Reports

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- System Administrator
- System Architect

Lesson 1: Introducing the Course

Lesson Objectives

After completing this lesson, you will be able to:

- Get an overview of SAP Enterprise Support Academy

Lesson 2: Explaining Application Lifecycle Management (ALM) and Usage Rights

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Application Lifecycle Management (ALM) and usage rights

Lesson 3: Explaining the Integrated Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Explain SAP Solution Manager architecture and integrated tools

Lesson 4: Authorization Management

Lesson Objectives

After completing this lesson, you will be able to:

- Managing authorizations for SAP Solution Manager

Lesson 1: Planning the SAP Solution Manager Architecture and Landscape

Lesson Objectives

After completing this lesson, you will be able to:

- Design the landscape with SAP Solution Manager and the managed systems

Lesson 2: Agent Infrastructure for the SAP Solution Manager System Landscape

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the agent infrastructure for the SAP Solution Manager system landscape

Lesson 1: Sizing an SAP Solution Manager System

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the sizing considerations for SAP Solution Manager

Lesson 2: Installing an SAP Solution Manager System

Lesson Objectives

After completing this lesson, you will be able to:

- Install an SAP Solution Manager system

Lesson 3: Preparing to Upgrade an SAP Solution Manager System

Lesson Objectives

After completing this lesson, you will be able to:

- Upgrade an SAP Solution Manager system

Management of System Data in the SAP Solution Manager System Landscape (SLD, LMDB and Support Portal)

Lesson 1: Describing the Functions and Consumers of the System Landscape Directory (SLD)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the functions and consumers of the System Landscape Directory (SLD)

Lesson 2: Synchronizing Data to the Landscape Management Database (LMDB)

Lesson Objectives

After completing this lesson, you will be able to:

- Determine the optimal configuration for the Landscape Management Database

Lesson 1: Performing Prerequisite Checks for Configuring SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Perform prerequisite checks for SAP Solution Manager guided configuration

Lesson 2: Explaining the Guided Procedures for Configuring SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the elements of the SAP Solution Manager guided procedure interface

Lesson 3: Performing the System Preparation

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare the SAP Solution Manager system for configuration

Lesson 4: Performing the Infrastructure Preparation

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the Infrastructure Preparation

Lesson 5: Performing the Basic Configuration

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the basic configuration

Lesson 6: Appendix: Explaining Embedded Search Architecture and Configuration

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the embedded search function and explain the embedded search configuration
- Explain the Embedded Search configuration

Lesson 1: Preparing the Managed Systems Configuration

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare the Managed Systems Configuration

Lesson 2: Performing the Managed Systems Configuration for SAP S/4HANA and Java Systems

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the Managed Systems Configuration

Lesson 3: Explaining the Managed Systems Configuration - Additional Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the additional functions of the managed system configuration

Lesson 4: Cross Scenario Configuration - Usage Logging (UPL)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe and configure usage logging
- Configure Usage and Procedure Logging (UPL) using the SAP Solution Manager SOLMAN_SETUP transaction

Lesson 5: Describing the Available User Interfaces

Lesson Objectives

After completing this lesson, you will be able to:

- Get an overview of the available user interfaces for SAP Solution Manager

Lesson 1: Creating Business Partners in SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Create business partners for issue management and other scenarios

Lesson 1: Describing Solution Administration

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Solution Administration function

Lesson 2: Describing Solution Documentation

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Solution Documentation function

Lesson 1: Describing SAP EarlyWatch Alert (EWA) Concept and Configuration

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP EarlyWatch Alert (EWA) concept and configuration

Lesson 2: Creating an SAP EarlyWatch Alert (EWA) Report Manually

Lesson Objectives

After completing this lesson, you will be able to:

- Create an SAP EarlyWatch Alert (EWA) report manually

Lesson 3: Accessing SAP EarlyWatch Alert Reports

Lesson Objectives

After completing this lesson, you will be able to:

- Access SAP EarlyWatch Alert reports

Lesson 4: Describing the EarlyWatch Alert Management Guided Procedure (GP)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the EarlyWatch Alert Management guided procedure (GP)

Lesson 5: Appendix: Describing an Example of an EarlyWatch Alert Java

Lesson Objectives

After completing this lesson, you will be able to:

- Describe an example of an SAP EarlyWatch Alert Java

Lesson 1: Explaining Service Delivery and Engagement in SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP Solution Manager engagement and service delivery process

Lesson 2: Creating Issues in SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Work with issues

Lesson 3: Using Service Delivery Options in SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Access SAP-delivered services and self-services in SAP Solution Manager

Lesson 4: Appendix: Describing the Engagement and Service Delivery Guided Procedure (GP)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Engagement and Service Delivery guided procedure (GP)

Lesson 1: Using Maintenance Planner

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Maintenance Planner

Lesson 2: Managing Licenses and Maintenance Certificates

Lesson Objectives

After completing this lesson, you will be able to:

- Check the distribution and status of SAP licenses and maintenance certificates

Lesson 3: Using System Recommendations

Lesson Objectives

After completing this lesson, you will be able to:

- Use System Recommendations

Lesson 1: Explaining the Challenges of Job Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the challenges of job management

Lesson 2: Controlling End User Jobs using the Job Request Function

Lesson Objectives

After completing this lesson, you will be able to:

- Control end user jobs using the Job Request function

Lesson 3: Using Job Documentation

Lesson Objectives

After completing this lesson, you will be able to:

- Use Job Documentation for documentation and scheduling

Lesson 4: Monitoring Background Jobs with SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Monitor background jobs

Lesson 5: Optimizing the Background Job Schedule with SAP Solution Manager Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze background jobs in SAP Solution Manager

Lesson 6: Setting Up Job Scheduling Management in SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Set up job scheduling management

Lesson 7: Using External Schedulers in SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how external schedulers support job scheduling management

Lesson 1: Explaining End-to-End Root Cause Analysis – Overview

Lesson Objectives

After completing this lesson, you will be able to:

- Explain end-to-end root cause analysis

Lesson 2: Using CA APM Introscope

Lesson Objectives

After completing this lesson, you will be able to:

- Use CA APM Introscope

Lesson 3: Using End-to-End Workload Analysis (WA)

Lesson Objectives

After completing this lesson, you will be able to:

- Use end-to-end workload analysis (WA)

Lesson 4: Using End-to-End Exception Analysis (EA)

Lesson Objectives

After completing this lesson, you will be able to:

- Use end-to-end exception analysis (EA)

Lesson 5: Using End-to-End Change Analysis (CA)

Lesson Objectives

After completing this lesson, you will be able to:

- Use end-to-end change analysis (CA)

Lesson 6: Using End-to-End Trace Analysis (TA)

Lesson Objectives

After completing this lesson, you will be able to:

- Use end-to-end trace analysis (TA)

Lesson 7: Appendix: Exception Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Exception Management function

Lesson 8: Appendix: Configuration Validation

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Configuration Validation function

Lesson 1: Introducing the Monitoring and Alerting Infrastructure (MAI)

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce Monitoring and Alerting Infrastructure (MAI)

Lesson 2: Introducing the Monitoring Template Concept, Configuration

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce the monitoring template concept, configuration

Lesson 3: Using the System and Application Monitoring functions

Lesson Objectives

After completing this lesson, you will be able to:

- Use the System and Application Monitoring functions

Lesson 1: Dashboard Builder

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Dashboard Builder

Lesson 2: Focused Insights

Lesson Objectives

After completing this lesson, you will be able to:

- Use Focused Insights

Lesson 3: SAP Mobile Applications

Lesson Objectives

After completing this lesson, you will be able to:

- Get an overview about SAP Mobile Application for SAP Solution Manager

Lesson 1: Configuring Service Level Reporting (SLR)

Lesson Objectives

After completing this lesson, you will be able to:

- Configure Service Level Reporting (SLR)

Lesson 2: Accessing Service Level Reports

Lesson Objectives

After completing this lesson, you will be able to:

- Access service level reports and report examples