

CLD900

SAP Integration Suite

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>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Development Consultant
- Technology Consultant
- Industry / Business Analyst Consultant
- Super / Key / Power User
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Developer
- Solution Architect
- System Architect

Lesson 1: Explaining Distributed Architecture and Their Challenges

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the distributed architecture
- Describe the whole scenario

Lesson 2: Undergoing a First Approach With an API

Lesson Objectives

After completing this lesson, you will be able to:

- Describe concepts and basic elements of an API, first approach
- Create an account on the SAP Gateway demo system (ES5)

Lesson 3: Describing Operating Modes of API Architectures

Lesson Objectives

After completing this lesson, you will be able to:

- Describe operating modes of API architectures

Lesson 4: Introducing REST

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce REST

Lesson 5: Introducing OData

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce OData

Lesson 6: Explaining SAP Graph

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept behind SAP Graph and explore the potential for developing an API for SAP Graph

Lesson 1: Describing the integration Strategy of SAP

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the significance of integration within the realm of SAP BTP

Lesson 2: Describing the SAP Integration Solution Advisory Methodology (ISA-M)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP Integration Solution Advisory Methodology (ISA-M)

Lesson 3: Positioning of the Integration Suite From a More Technical Perspective

Lesson Objectives

After completing this lesson, you will be able to:

- Explore API management

Lesson 1: Introducing SAP API Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the key features of SAP API Management

Lesson 2: Describing the Technology in an Overview

Lesson Objectives

After completing this lesson, you will be able to:

- Gain a comprehensive understanding of how to effectively utilize the components of API Management within the SAP Integration Suite

Lesson 3: Creating an API Provider

Lesson Objectives

After completing this lesson, you will be able to:

- Learn how to create an API provider using the SAP Integration Suite

Lesson 4: Creating an API

Lesson Objectives

After completing this lesson, you will be able to:

- Create an API based on the API provider

Lesson 5: Using Policies

Lesson Objectives

After completing this lesson, you will be able to:

- Use policies

Lesson 6: Editing APIs

Lesson Objectives

After completing this lesson, you will be able to:

- Edit APIs

Lesson 7: Creating a Product

Lesson Objectives

After completing this lesson, you will be able to:

- Create a product

Lesson 8: Using Logging and Monitoring

Lesson Objectives

After completing this lesson, you will be able to:

- Use the different ways to log health data and messages, displayed in a monitor.

Lesson 1: Introducing Cloud Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the complete Integration Flow process which we will implement in the next exercises

Lesson 2: Explaining the Development Cycle

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the development cycle

Lesson 3: Using Message Monitoring and Logging

Lesson Objectives

After completing this lesson, you will be able to:

- Use message monitoring and logging

Lesson 4: Explaining the Camel Data Model and Simple Expression Language

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Camel data model and simple expression language

Lesson 1: Modeling Integration Flows in an Overview

Lesson Objectives

After completing this lesson, you will be able to:

- Model Integration Flows in an overview

Lesson 2: Learning the Basics

Lesson Objectives

After completing this lesson, you will be able to:

- Create and configure a content modifier

Lesson 3: Using Adapters

Lesson Objectives

After completing this lesson, you will be able to:

- Use adapters

Lesson 4: Using Mappings

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the utilization of mappings in the Integration Suite

Lesson 5: Using Adapter Outbound Security

Lesson Objectives

After completing this lesson, you will be able to:

- Utilize outbound security for adapters

Lesson 6: Performing Exception Handling

Lesson Objectives

After completing this lesson, you will be able to:

- Perform exception handling

Lesson 7: Using Scripting

Lesson Objectives

After completing this lesson, you will be able to:

- Use scripting

Lesson 8: Using Adapter Inbound Security

Lesson Objectives

After completing this lesson, you will be able to:

- Use and set up an inbound security adapter

Lesson 9: Using Integration Patterns

Lesson Objectives

After completing this lesson, you will be able to:

- Use integration patterns