CLD900

Exploring SAP Integration Suite

COURSE OUTLINE

Course Version: 21
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
- 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

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UNIT 1 Describing the Integration Strategy of SAP

Lesson 1: Presenting the SAP Integration Strategy

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the distributed architecture.
- Summarize the exercise scenario.

Lesson 2: Introducing the Clean Core Approach

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Clean Core Approach.

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UNIT 2 Introducing SAP Integration Suite

Lesson 1: Discussing Distributed Architectures and their Challenges

Lesson Objectives

After completing this lesson, you will be able to:

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

Lesson 2: Understanding the SAP Integration Suite

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP Integration Suite.

Lesson 3: Outlining the Constraints in using the SAP Integration Suite

Lesson Objectives

After completing this lesson, you will be able to:

- Explore API management.
- Identify the constraints in using the SAP Integration Suite.

Lesson 4: Exploring the Capabilities of SAP Integration Suite

Lesson Objectives

After completing this lesson, you will be able to:

- Capabilities of SAP Integration Suite.

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UNIT 3 Understanding API Management

Lesson 1: Understanding API Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the key features of SAP API Management.

Lesson 2: Understanding the Components of API Management

Lesson Objectives

After completing this lesson, you will be able to:

- Exploring the API Management Components.

Lesson 3: Understanding API Lifecycle

Lesson Objectives

After completing this lesson, you will be able to:

- Developing APIs.

Lesson 4: Building API Provider

Lesson Objectives

After completing this lesson, you will be able to:

- Create an API provider using the SAP Integration Suite.

Lesson 5: Building API Proxies

Lesson Objectives

After completing this lesson, you will be able to:

- Create an API based on the API provider.

Lesson 6: Using Policies

Lesson Objectives

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After completing this lesson, you will be able to:

- Use policies.

Lesson 7: Editing APIs

Lesson Objectives

After completing this lesson, you will be able to:

- Edit APIs.

Lesson 8: Analyzing API Proxies Calls

Lesson Objectives

After completing this lesson, you will be able to:

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

Lesson 9: Deploying a Product to Developer Hub

Lesson Objectives

After completing this lesson, you will be able to:

- Create a product.

Lesson 10: Working with Developer Hub

Lesson Objectives

After completing this lesson, you will be able to:

- Using Developer Hub.

Lesson 11: Working with SAP Graph

Lesson Objectives

After completing this lesson, you will be able to:

- Develop SAP Graph.

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UNIT 4 Implementing Cloud Integration

Lesson 1: Introducing the Basic Concepts

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

- Describe the integration flow process.

Lesson 2: Employing Connectivity Options

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

- Use connectivity options.

Lesson 3: Understanding the Operating Model in SAP Integration Projects

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

- Use message monitoring and logging.

Lesson 4: Understanding System Scope in the Cloud Foundry Environment

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

- Explain system scope in the Cloud Foundry Environment.

Lesson 5: Defining Design Guidelines

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

- Explain the design guidelines.

Lesson 6: Developing Integration Content

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

- Explain the development cycle.

Lesson 7: Monitoring and Logging Message

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

- Use Message Monitoring and Logging.

Lesson 8: Utilizing 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 9: Understanding the Integration Flow

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

- Define the Integration Flow.
- Use the Integration package and Integration Flows.
- Use Postman Collection.
- Clarification of Individual USERID for the Exercises.
- Use Generic Receiver.
- Use a converter.
- Use mapping.

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UNIT 5 Exploring Event Mesh

Lesson 1: Introducing Event-Driven Architectures

Lesson Objectives

After completing this lesson, you will be able to:

- Identify key benefits of Event-Driven Architectures.

Lesson 2: Understanding Direct and Guaranteed Messaging

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the key components and patterns of Event-Driven Architecture.
- Differentiate between direct messaging and guaranteed message delivery.

Lesson 3: Introducing SAP Integration Suite, Advanced Event Mesh

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the architecture and key features of SAP Integration Suite, Advanced Event Mesh.
- Identify deployment options and use cases for SAP Integration Suite, Advanced Event Mesh.

Lesson 4: Discussing Event Mesh Standalone

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the fundamental concepts and key features of SAP Event Mesh.
- Explore practical use cases of SAP Event Mesh.

Lesson 5: Understanding Event Mesh EMIS

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the functionality and patterns of SAP Event Mesh.

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