

HA240

SAP HANA 2.0 SPS03 - Authorizations, Scenarios & Security Requirements

COURSE OUTLINE

Course Version: 15
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:

- Systems Architect
- Application Consultant
- Development Consultant
- Technology Consultant
- Support Consultant
- Data Consultant
- Database Administrator
- Technology Consultant

Lesson 1: Introducing SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA

Lesson 2: Understanding SAP HANA Implementation Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP HANA implementation scenarios

Lesson 3: Outlining Security Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the security functions in SAP HANA

Lesson 4: Describing Security Administration Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the security administration tools

Lesson 1: Describing Communication Channels

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA communication channels

Lesson 2: Securing Data Communications

Lesson Objectives

After completing this lesson, you will be able to:

- Recognize the options to secure data communications in SAP HANA

Lesson 1: Describing Certificate Management in SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe in-database certificate management workflow
- Manage client certificates and certificate collections in SAP HANA

Lesson 1: Describing Data-at-Rest Encryption

Lesson Objectives

After completing this lesson, you will be able to:

- Describe data-at-rest encryption options in SAP HANA
- Manage data-at-rest encryption

Lesson 1: Understanding Object Ownership

Lesson Objectives

After completing this lesson, you will be able to:

- Understand object ownership effects

Lesson 1: Comparing User Types

Lesson Objectives

After completing this lesson, you will be able to:

- Compare the different user types in SAP HANA

Lesson 2: Describing User Administration Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Understand which tools are available for user management tasks

Lesson 3: Understanding User Groups

Lesson Objectives

After completing this lesson, you will be able to:

- Understand user groups in SAP HANA

Lesson 1: Understanding Authentication and Single Sign-On Mechanisms

Lesson Objectives

After completing this lesson, you will be able to:

- Recognize the different authentication mechanisms available in SAP HANA

Lesson 1: Introducing Application Development Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Explain application development tools for SAP HANA XS advanced

Lesson 2: Describing the Multi-Target Application

Lesson Objectives

After completing this lesson, you will be able to:

- Explain what a multi-target application is

Lesson 3: Using the CDS Entity

Lesson Objectives

After completing this lesson, you will be able to:

- Create a CDS entity that is a table in the database

Lesson 1: Introducing SAP HANA Repository (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP HANA Repository

Lesson 1: Describing Authorization in SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the basic authorization entities in SAP HANA

Lesson 2: Describing Privileges

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the different type of privileges and their usage

Lesson 3: Managing Roles

Lesson Objectives

After completing this lesson, you will be able to:

- Define, create, and manage roles

Lesson 4: Describing Analytic Privileges in XS Classic (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Analytic Privileges

Lesson 5: Understanding Cross-Database Authorizations in Tenant Databases

Lesson Objectives

After completing this lesson, you will be able to:

- Understand cross-database authorization between tenant databases

Lesson 6: Describing Data Masking

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how dynamic data masking works in SAP HANA

Lesson 7: Describing Anonymization

Lesson Objectives

After completing this lesson, you will be able to:

- Explain what anonymization is

Lesson 8: Describing LDAP Group Authorization

Lesson Objectives

After completing this lesson, you will be able to:

- Describe LDAP Group authorization functionality in SAP HANA

Lesson 9: Setting up and Analyzing an Authorization Trace

Lesson Objectives

After completing this lesson, you will be able to:

- Set up and analyze authorization traces

Lesson 1: Viewing Information about Users and Authorizations

Lesson Objectives

After completing this lesson, you will be able to:

- View information about users and authorizations

Lesson 1: Using Audit Logging

Lesson Objectives

After completing this lesson, you will be able to:

- Use audit logging

Lesson 1: Describing SAP HANA Extended Application Services Security and Application Privileges (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA extended application services security aspects and use application privileges

Lesson 1: Describing SAP HANA Extended Application Services, Advanced Model Security

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA extended application services, advanced model (XSA)

Lesson 1: Understanding SAP BW Models in SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the basics of SAP BW model generation in SAP HANA

Lesson 1: Understanding Authentication Options and User Management Implications for the Integration of SAP BusinessObjects BI 4.X and SAP HANA (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand authentication options and user management implications for the integration of SAP BusinessObjects BI 4.X and SAP HANA

SAP HANA with ERP or S/4HANA and the Analytics Authorization Assistant (optional)

Lesson 1: Describing SAP HANA with ERP or SAP S/4HANA and the Analytics Authorization Assistant (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe different scenarios for SAP HANA with ERP or SAP S/4HANA
- Describe the Analytics Authorization Assistant (AAA)

Lesson 1: Outlining SAP GRC Integration for Governance, Risk and Compliance (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the integration options with SAP Access Control

Lesson 1: Understanding SAP Identity Management Integration (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand possible integrations with SAP Identity Management