HA240
Authorization, Security and Scenarios

COURSE OUTLINE

Course Version: 12
Course Duration: 2 Day(s)
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Typographic Conventions

American English is the standard used in this handbook.
The following typographic conventions are also used.

<table>
<thead>
<tr>
<th>Convention</th>
<th>Example</th>
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<td>This information is displayed in the instructor’s presentation</td>
<td>![Monitor icon]</td>
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<td>Warning or Caution</td>
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<td>Hint</td>
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<td>Related or Additional Information</td>
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<tr>
<td>Facilitated Discussion</td>
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<tr>
<td>User interface control</td>
<td>![Example text]</td>
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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:

- Define SAP HANA
- Outline the security functions in SAP HANA
- Describe the security administration tools
Lesson 1: Introducing SAP HANA Repository

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

- Introduce the SAP HANA Repository
Lesson 1: Explaining Authorization in SAP HANA

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

- Explain basic authorization

Lesson 2: Describing Roles

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

- Define, create, and manage roles

Lesson 3: Assigning Privileges and Roles to Users

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

- Assign privileges to roles
- Create and manage users
- Grant roles to users

Lesson 4: Understanding Object Ownership

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

- Understand object ownership effects

Lesson 5: Understanding Privileges

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

- Understand the different type of privileges and their usage
Lesson 6: 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: Understanding Authentication and Single Sign-On

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

● Understand the authentication options available

Lesson 2: Understanding Multitenant Database Containers

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

● Understand MDC option and its security implications

Lesson 3: Describing Encryption

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

● Describe encryption options and use cases

Lesson 4: Outlining SAP GRC Integration for Governance Risk and Compliance

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

● Outline the integration options with SAP GRC Access Control

Lesson 5: Understanding SAP Netweaver Identity Management Integration

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

● Understand possible integrations with SAP Netweaver IDM
Lesson 6: Describing SAP HANA Extended Application Services Security and Application Privileges

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

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

Lesson 7: 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 security
Lesson 1: Setting up and Analyzing an Authorization Trace

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

- Set up and analyze authorization trace

Lesson 2: Using Audit Logging

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

- Use the audit logging functionality
Lesson 1: Outlining Security Scenarios
Lesson Objectives
After completing this lesson, you will be able to:
• Explain security

Lesson 2: 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 3: Understanding Authentication Options and User Management Implications for the Integration of SAP Business Object BI 4.X and SAP HANA
Lesson Objectives
After completing this lesson, you will be able to:
• Understand authentication options and user management implications for the integration of SAP Business Object BI 4.X and SAP HANA

Lesson 4: Describing SAP HANA with ERP or S/4HANA and the Analytics Authorization Assistant
Lesson Objectives
After completing this lesson, you will be able to:
• Describe different scenarios for SAP HANA with ERP or S/4HANA
• Describe the Analytics Authorization Assistant (AAA)
Lesson 1: Understanding the Security Architecture of SAP HANA Cloud Platform

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

• Understand the security architecture of SAP HANA Cloud Platform

Lesson 2: Explaining the Security Aspects of SAP HANA Enterprise Cloud

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

• Explain the security aspects of SAP HANA Enterprise Cloud