ADM900

SAP System Security Fundamentals

COURSE OUTLINE

Course Version: 19 Course Duration:

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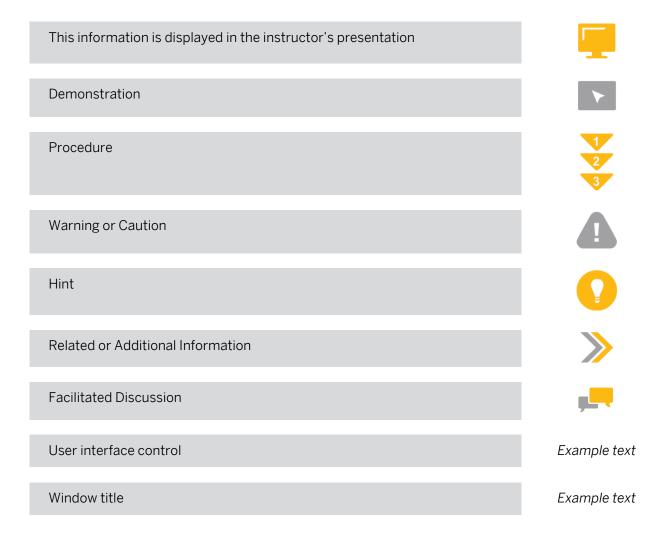
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Typographic Conventions

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





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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- System Administrator
- System Architect



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UNIT1 SAP Access Governance and Control

Lesson 1: Overview of Security Fundamentals

Lesson Objectives

After completing this lesson, you will be able to:

• Evaluate computer security

Lesson 2: Introduction to SAP Access Governance

Lesson Objectives

After completing this lesson, you will be able to:

Understand SAP Access Governance solutions and tools



UNIT 2 SAP NetWeaver Application Security Overview

Lesson 1: SAP Solutions and the User Experience

Lesson Objectives

After completing this lesson, you will be able to:

• Understand SAP solutions and the user experience

Lesson 2: Basic User Administration for AS ABAP

Lesson Objectives

After completing this lesson, you will be able to:

Implement user administration

Lesson 3: Basic Role Administration for AS ABAP

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the authorization concept

Lesson 4: SAP Fiori Catalog and Group Administration

Lesson Objectives

After completing this lesson, you will be able to:

• Understand Basic SAP Fiori Architecture with S/4 HANA

Lesson 5: AS Java Administration Overview

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the UME
- Describe UME users and groups

Lesson 6: Custom Development and Security



Lesson Objectives

After completing this lesson, you will be able to:

• Understand Custom Development and Security

Lesson 7: Appendix: Implementing Basic User Administration AS Java

Lesson Objectives

After completing this lesson, you will be able to:

- Configure the User Management Engine (UME)
- Maintain UME users and groups

Lesson 8: Appendix: Explaining Java Authorization

Lesson Objectives

After completing this lesson, you will be able to:

• Explain Java authorization concept

UNIT 3 SAP Access Governance and Compliance

Lesson 1: Introduction to SAP Access Governance

Lesson Objectives

After completing this lesson, you will be able to:

• Understand SAP Access Governance

Lesson 2: SAP Access Control

Lesson Objectives

After completing this lesson, you will be able to:

Understand SAP Access Control

Lesson 3: SAP Identity Management

Lesson Objectives

After completing this lesson, you will be able to:

• Understand SAP Identity Management

Lesson 4: SAP Cloud Platform Identity Authentication and Provisioning Service

Lesson Objectives

After completing this lesson, you will be able to:

Understand SAP Cloud Platform Identity Authentication and Provisioning Service

Lesson 5: SAP Cloud Identity Access Governance

Lesson Objectives

After completing this lesson, you will be able to:

Understand SAP Cloud Identity Access Governance

Lesson 6: Appendix: Central User Administration (CUA)



Lesson Objectives

After completing this lesson, you will be able to:

- Explain Central User Administration (CUA)
- Set up Central User Administration (CUA)
- Explain directory services

UNIT 4

Infrastructure and Authentication Security Overview

Lesson 1: Explaining Network Topology

Lesson Objectives

After completing this lesson, you will be able to:

• Explain networking concepts

Lesson 2: Secure Access and Authentication

Lesson Objectives

After completing this lesson, you will be able to:

• Explain Secure Network Communication (SNC)

Lesson 3: Secure Socket Layer (SSL)

Lesson Objectives

After completing this lesson, you will be able to:

• Explain Secure Socket Layer (SSL)

Lesson 4: SAP Single Sign-On (SSO)

Lesson Objectives

After completing this lesson, you will be able to:

• Use Single Sign-On (SSO) in SAP Systems

UNIT 5 Security Monitoring with SAP Solution Manager

Lesson 1: Monitoring Security with SAP Solution Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Monitor security with SAP Solution Manager
- Analyze security with SAP Solution Manager



UNIT 6 SAP Data Privacy Governance and Cybersecurity

Lesson 1: SAP Data Privacy Governance and Cybersecurity

Lesson Objectives

After completing this lesson, you will be able to:

Understand SAP Data Privacy Governance and Cybersecurity

