

ADM940 + ADM945: Comprehensive Authorization Concepts for SAP S/4HANA and SAP Fiori

Course Description

This combined course offers a thorough exploration of authorization management for SAP S/4HANA and SAP Fiori environments. It equips participants with the skills to design, implement, and analyze robust authorization frameworks tailored to organizational needs. The course integrates concepts from both SAP Fiori-specific and broader SAP S/4HANA scenarios, ensuring participants are proficient in creating roles, managing permissions, and analyzing security for applications and data services across on-premise and cloud environments.

Audience Profile

This course is intended for:

- System Administrators responsible for managing authorizations in SAP S/4HANA and SAP Fiori environments.
 - System Architects designing secure SAP landscapes.
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Prerequisites

Participants should have:

- Basic knowledge of SAP S/4HANA and SAP Fiori.
 - Familiarity with ABAP Core Data Services (CDS).
 - Experience in system administration, role maintenance, or security configuration is recommended.
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Course Objectives

By the end of this course, participants will be able to:

- Understand and implement SAP Fiori concepts, application types, and architecture in SAP S/4HANA.
- Analyze and apply SAP S/4HANA and SAP Fiori authorization models.
- Create and manage business catalogs, roles, groups, spaces, and pages for SAP Fiori applications.
- Configure and analyze authorizations for ABAP Core Data Services (CDS).

- Perform advanced role maintenance and troubleshoot missing permissions or authorization issues.
 - Implement project-specific authorization strategies in SAP S/4HANA.
 - Explore options for transporting authorization components across systems.
 - Integrate SAP Fiori Launchpad with various deployment scenarios, including SAP S/4HANA Cloud.
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Combined Table of Contents (TOC)

Part 1: SAP S/4HANA Authorizations (ADM940)

Unit 1: Introduction to SAP S/4HANA Authorizations

1. Explaining SAP Authorization Concepts
2. Defining Authorization Objects
3. Managing Authorization Groups

Unit 2: Implementing and Managing Authorizations

1. Setting Up User Roles and Profiles
2. Managing Authorization Assignments
3. Exploring Advanced Authorization Tools

Unit 3: Analyzing and Troubleshooting Authorizations

1. Using SUIM for Authorization Analysis
2. Identifying and Resolving Missing Authorizations
3. Troubleshooting Common Authorization Issues

Unit 4: Authorizations in SAP S/4HANA Projects

1. Planning Authorizations for Implementation Projects
2. Managing Authorizations in Testing and Production

Unit 5: Integration and Transport of Authorizations

1. Exploring Transport Mechanisms for Authorization Components
 2. Ensuring Secure Integration in Hybrid Scenarios
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Part 2: SAP Fiori Authorizations (ADM945)

Unit 6: SAP Fiori Concept

1. Understanding the SAP Fiori Concept
2. Exploring SAP Fiori Application Types
3. Analyzing SAP Fiori Architecture with SAP S/4HANA

Unit 7: SAP Fiori Authorization

1. Understanding SAP Fiori Authorization Model

Unit 8: SAP Fiori Authorization Management

1. Creating SAP Fiori Business Catalogs
2. Developing Business Roles for SAP Fiori Content
3. Configuring SAP Fiori Groups
4. Setting Up SAP Fiori Spaces and Pages
5. Creating Roles for SAP Fiori Front-End Server Standalone Scenarios

Unit 9: Advanced SAP Fiori Applications and Authorizations

1. Adjusting Launchpad Content
2. Exploring Additional Features for Role Maintenance
3. Understanding SAPUI5 Runtime Adaptation
4. Activating SAP Fiori Applications Rapidly
5. Analyzing SAP Fiori Applications in Roles

Unit 10: Authorizations in ABAP Core Data Services (CDS)

1. Exploring Authorization Concepts for ABAP CDS
2. Analyzing CDS View Results with Authorization Trace

Unit 11: Integration Scenarios for SAP Fiori and SAP S/4HANA

1. SAP Fiori Launchpad Deployment Options
2. Understanding Central SAP Fiori Launchpad
3. Configuring Authorizations for SAP S/4HANA Cloud