

Access Control Implementation and Configuration

Course Summary

Objectives

At the end of this course, students will be able to:

- Describe tasks performed by a typical SAP Access Control User.
- Explain how SAP GRC helps you to address business challenges.
- Identify authorization risks in typical business processes.
- Describe the Segregation of Duties Risk Management Process.
- Describe and configure functionality and features for SAP Access Control.
- Use the SAP Access Control application to analyze and manage risk, design and manage roles, and provision and manage users.
- Describe the SAP Access Control architecture and landscape, SAP Access Control Repository, and Object Level Security.
- Describe the Periodic Access Review process.
- Plan for and manage emergency access.
- Configure workflows, including multi-stage multi-path (MSMP) workflows and BRF+.
- Describe how the different applications of the SAP GRC Solution integrate with each other.
- Discuss key tasks in the SAP Access Control Implementation process.

Topics

- Introduction to SAP Access Control
- Architecture, Security and Authorizations
- Shared Configuration Settings
- Authorization Risks and the Segregation of Duties (SoD) Management Process
- SAP Access Control Repository
- Risk Analysis
- Multi-Stage, Multi-Path (MSMP) Workflow
- User Provisioning
- Role Design and Management
- Emergency Access Management
- Periodic Access Review Process
- Maintaining Custom Fields

Audience

Those who can benefit from this Access Control Implementation and Configuration course include:

- Application Consultant
- Business Analyst
- Business Process Architect
- Business Process Owner / Team Lead / Power User

Prerequisites

Essential:

- Knowledge of integrated processes in an SAP System (ECC and/or S/4HANA)
- Knowledge of authorization concepts in an SAP System (Object Level Security and Fiori)
- Practical knowledge of common business processes

Recommended:

- Principles of SAP Governance, Risk, and Compliance

Duration

Five days

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Course Outline

I. Introduction to SAP Access Control

- A. Discussing Business Challenges and Solutions
- B. Using SAP Access Control

II. Architecture, Security and Authorizations

- A. Describing the System Architecture
- B. Describing Security and Authorizations

III. Shared Configuration Settings

- A. Configuring Shared GRC Settings
- B. Configuring Shared SAP Access Control Settings

IV. Authorization Risks and the Segregation of Duties (SoD) Management Process

- A. Identifying Authorization Risks
- B. Managing Risk by Segregating Duties

V. SAP Access Control Repository

- A. Synchronizing Objects into the Repository
- B. Scheduling and Viewing Background Jobs

VI. Risk Analysis

- A. Maintaining Shared Master Data
- B. Configuring and Maintaining the Rule Set
- C. Configuring and Using Audit Trail Tracking
- D. Using the Risk Analysis Framework
- E. Remediating Risks
- F. Mitigating Risks
- G. Mitigating Multiple Risks at One Time

VII. Multi-Stage, Multi-Path (MSMP) Workflow

- A. Describing Multi-Stage, Multi-Path (MSMP) Workflow
- B. Maintaining MSMP Workflow
- C. Building MSMP Workflow

VIII. User Provisioning

- A. Configuring User Provisioning Settings
- B. Configuring Access Request Forms
- C. Requesting Access
- D. Preparing Roles and Owner Data for MSMP Workflow
- E. Creating Simplified Access Requests
- F. Reviewing Search Request Results

IX. Role Design and Management

- A. Configuring Role Management
- B. Configuring Role Methodology
- C. Configuring Role Search Attributes
- D. Planning for Technical Role Definition
- E. Planning for Business Role Definition
- F. Consolidating Roles Through Role Mining
- G. Performing Role Mass Maintenance Operations

X. Emergency Access Management

- A. Describing Emergency Access Management
- B. Planning for Emergency Access
- C. Monitoring Emergency Access

XI. Periodic Access Review Process

- A. Planning Periodic Review
- B. Monitoring Periodic Review

XII. Maintaining Custom Fields

- Maintaining Custom Fields in Request Header and Role Definition