

SAP- SECURITY - Course Contents

SAP R/3 SECURITY

- User administration & Types of Users.
- Authorizations
- Authorization Objects
- Authorization profiles
- Programming authorizations
- Authorizations groups
- Missing authorization
- Authorizations Trace.
- Roles
- Composite Role
- Single Role
- Derived Role
- Parent Role & Child Role.
- Transportation of Roles & Role Mitigation.
- The complete User status (SUIM).
- Mass Locking & Unlocking of Users
- Restricting access to SAP* & DDIC.
- Central user administration (CUA)

SAP BI SECURITY

- BI Architecture and Administration
- Business Explorer
- Security Components in BI
- Comparison of OLTP and OLAP Security Needs
- Authorizations in BI
- Administration
- Reporting
- Securing Data Access for Administration Users
- Securing Data Access for Reporting Users
- Analysis Authorization
- Securing Data Access for Reporting Users
- How to Use BI-Specific Authorization Values
- Defining Security Using Hierarchies
- Monitoring Analysis Authorizations (Trace Functions)
- Important Aspects of BI Authorizations

- Tracing Authorizations
- Saving BEx objects to BI Roles
- Securing Workbooks

SAP HR SECURITY

- Structural Authorizations Overview
- Graphical Overview of Structural Authorization Components and Setup
- Considerations for Structural Authorization Implementation
- Overall Design Considerations
- Steps to Implement Structural Authorizations
 - Turn on PD PA Switch
 - Turn on Structural Authorizations Main Switches
 - Create Organizational Plan
 - Create Personnel Master Record
 - Create User ID's
 - Create Infotype 105
 - Create Structural Authorization Profiles
 - Create Infotype 1017
 - Assign Structural Authorization Profiles to User ID's
 - Setup Regular Security

SAP EP SECURITY

- User Management
- Role Administration
- iViews
- Pages
- Worksets
- Layouts
- Single Sign On
- Self Registration
- ESS & MSS

SAP GRC Introduction & Overview

- GRC applications, requirements and benefits
- Risk Analysis and Remediation (RAR)

- Super User Privilege Management (SPM)
- Complaint User Provisioning (CUP)
- Enterprise Role Management (ERM)

Implementation Project Planning & RoadMap

- GRC H/W Sizing (T-Shirt & Expert)
- GRC Landscape
- Installation Procedure & Considerations for HR & Non – HR Systems
- RFC, Java Connectors(JCo) and Background Jobs

Risk Analysis and Remediation (RAR)

- Pre-and post- installation check lists
- Segregation of Duties (SOD) Risk Management Process
- Understanding RAR data requirements
- Conduction Risks and Rules Workshop
- RAR Rule Building Exercise
- Understanding False Positives & solving them through Org Rules.
- Risk Remediation and Mitigation Strategy
- Configuring RAR
- Troubleshooting RAR

Super Users Privilege Management (SPM)

- Understanding SPM functionality
- Pre- and Post- installation check lists
- Understanding SPM data requirements
- Understanding Fire Fighter Strategy
- Understanding SAP Role, Fire Fighter ID and End user ID mapping
- Fire Fighter Reports, Background Jobs & Tables
- Configuring SPM
- Troubleshooting RAR.

Complaint User Provisioning (CUP)

- User Provisioning Process & Workflows
- Master Data and process Logic
- Workflow Engine: Initiators, Stages & Paths
- Advanced Workflows (Detour, Fork & Rerouting)
- Auto Provisioning & Manual Provisioning

- Multiple Exercises on Workflow Configurations.
- Pre- and Post- installation check lists

Enterprise Role Management (ERM)

- Implementation Methodology in ERM
- Configuring different types of Methodologies as per client requirement
- Role Generation using ERM
- Risk Analysis & Simulation before generation Roles
- Proposals in PFCG and GRC
- Pre- and Post- installation check lists
- Integration with CUP and RAR
- Integration with SAP & Non – SAP Products