

SAP Security Topics.

(Duration of course 60 days.)

1. Overview of SAP

- Introduction to SAP
- What is an ERP
- SAP as an ERP
- Various Products in ERP
- Various SAP Products in ERP

2. Introduction to SAP Security

- Introduction to SAP Security
- Overview of Network, Database, OS & Application-Level Security
- Importance of SAP Security
- Security standards & framework

3. R/3 Architecture:

- Presentation Layer, Application Layer
- Database layer
- SAP R/3 architecture in detail.

4. User Management in SAP

- What is a T-Code in SAP
- User Creation, Deletion, and Password Reset – SU01
- Types of Users in SAP
- Mass User Maintenance
- User Master Data
- Default Users in SAP
- Creation of User Groups – SUGR

5. Role Management in SAP

- Authorization Structure
- What is a Profile
- What is a Role

- Reconciliation of Role & Profile
- Creation, Changes/Update, and Deletion of Roles
- Role Comparison
- Standard Job - PFCG_TIME_DEPENDANCY
- Expert Mode in PFCG
- Types of Roles – Single & Composite
- Master & Derived Role Concept
- Enabler Role Concept
- Role Clean-up Standard Jobs

6. Security Parameter Configuration & Maintenance

- Checking Parameters through RZ11, RZ10
- Updating parameter
- Explaining Various Parameter & Policies

7. Reporting Tools in ECC

- SUIM Reporting
- Reporting from Change Docs
- Reporting from Security Tables

8. Troubleshooting Authorization

- Analyzing SU53 Snapshot
- Executing Trace – ST01
- Analyzing and fixing through SUIM

9. Security Tables

- Accessing Tables through SE11
- User Tables – USR*
- Role Tables – AGR*

10. SAP Upgrade Activities

- Upgrades Activities Listing
- Updating Role
- Deprecated Transactions
- SU24 and SU25 Activities

11. SAP Audit

- Configuring and running Audit in ECC

12. USBOX and USOBT and USOBX_T and USBOT_C