

# SAP Security with GRC Course Curriculum

## Day-1: SAP Overview, Introduction to SAP Security

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- Overview of SAP
- Overview of **BASIS**
- Introduction to SAP Security
  - Why we need security
  - What needs to be protected
  - From Whom we need to protect
  - Implementation Methodology
- User Administration
  - Single User Administration
  - Mass User Administration
  - LSMW Script Running

## Day-2: Introduction to CUA, User Groups Concept

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- Introduction of CUA (Central User Administration)
  - CUA Configuration for different landscapes
  - Performing User Administration Activities in CUA

- Distributing User/IDoc(s) and troubleshooting issues
- User Groups Concept
- Role Administration and Authorization Concept
  - Overview of Authorizations Concept
  - Change Management Process
  - Creating Custom Authorization Objects
  - SAP Role Types
  - Working with Profile Generator
  - Creating and Modifying Different Roles
  - Authorization Group Concept
  - Missing Authorization
  - Tracing the User for Missing Authorization
  - Working with R3 tables, Parameters and Reports
  - SAP Security Audit

### **Day-3: Authorization Concept, BW/BI roles and Modification**

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- Architecture and Strategies for **SAP BI** Authorization Concept
- Security Requirement in SAP BI
- Standard Roles and Templates for the Authorization Concept
- Creating BW/BI roles and Modification
- Difference between BW and R3 Security

- Difference between BW and BI Security
- Different Authorization Objects Involved in BW/BI
- Analysis Authorization Concepts and Reporting
- Troubleshooting BW/BI Issues

## **Day-4: HR Security, Personnel Administration**

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- HR Security
- Introduction to HR Security
- Personnel Administration and Organizational Management
- HR General and Structural Authorizations
- HR Authorization Objects and Info Types

## **Day-5: GRC**

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- Troubleshooting HR Issue
- GRC (Governance, Risk and Compliances)
- Introduction to GRC
- Sarbanes Oxley Rules (SOX)
- Overview of GRC Components
  - Overview of Authorizations Concept
  - Change Management Process
  - Creating Custom Authorization Objects

- SAP Role Types
  - Working with Profile Generator
  - Creating and Modifying Different Roles
  - Authorization Group Concept
  - Missing Authorization
  - Tracing the User for Missing Authorization
  - Working with R3 tables, Parameters and Reports
  - SAP Security Audit
- Working with Functions, Risk and Mitigation Controls