

# PeopleSoft Security

PeopleTools 8.56-8.58

# PeopleSoft Security Agenda

Developed for PeopleTools Developers, Analysts and System Administrators, PeopleSoft PeopleTools 8.56-8.58 Security training quickly introduces students to the PeopleSoft application security. Through scenarios, real-world experiences from implementers, and hands-on activities, students learn how to define, administer, and maintain security for PeopleSoft applications.

## Prerequisites:

- PeopleSoft v9.2 Foundations
- PeopleTools knowledge

## Security Overview and Online Profiles

- Security Overview
  - Overview of Security Components
  - The ConnectID vs. Online Security
  - ConnectID required to connect Two-Tier
- User Profiles
  - Creating User Profiles
  - Copying User Profiles
- Permission Lists
  - Permission Lists Overview: Base Security Building Block
  - PS Security Design: Additive Authorizations
- Roles
  - Creating Roles (Standard)
  - Copying/Deleting Roles
  - Choosing the Correct Role Granularity
- Advanced Application Security
  - Dynamic Roles (Query, select OPRID)
  - Migrating Security Definitions, why it's generally not recommended (just do it manually)

## Security Overview and Online Profiles (cont'd)

- Synchronizing Security (IB Messages) (USER\_PROFILE service operation)
- Time-Outs and Sign-On Times
  - Defining Sign-in/Sign-out times ☒  
Defining Time-Outs (Web Server, Prim Perm List)
  - Using Security Queries
- Batch/Process Security
  - Process Security (Process -> Process Groups -> Permission Lists)

## PeopleTools and Query Security

- Controlling Access to PeopleTools
  - Tools Permissions
  - Changing access to modify/view code objects
  - Controlling Developer Migrations and DB Compare
  - Example: Creating developer write, read-only access

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## PeopleTools and Query Security (cont'd)

- Query Security
  - Understanding Query Security Objects
  - Records -> Query Trees (Access Group)
  - Permission Lists -> Access Profile
  - Controlling Access to Query
  - Securing Query Options (Union, Public, etc.)
  - About PeopleSoft Administrator and Query access
- Deleting User Profile
  - Defining Tables to Skip
  - Deleting User Profile
- Distributed User Setup
  - Defining Roles another user can assign
- Data Mover and Security
  - Changing and Encrypting Passwords
  - Changing Access ID (sysadm) Password

## Definition Security, LDAP, and Troubleshooting

- Definition Security
- Single Sign-On
  - Overview of Single Sign-On (Across PS Envs)
  - Configuring and testing single sign-on

## Definition Security, LDAP, and Troubleshooting (cont'd)

- Overall Security Audits (Compliance Verification)
  - Auditing Security Tables
  - Creating security audit requirements
  - Finding most powerful users in the system (Security Administrator, PeopleSoft Administrator)
  - Who has PeopleSoft Administrator
  - What generic IDs (VP1 / PS) have access
- LDAP
  - Overview of LDAP connectivity
  - Establishing connection to the server
  - Creating dynamic role associations with LDAP
- Troubleshooting Security
  - SQL and PeopleCode Tracing and Security