



Technical Course

PeopleSoft PeopleTools 8.54 Security (Technical)

Developed for PeopleTools Developers, Analysts and System Administrators, PeopleSoft PeopleTools v8.54 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

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