Agenda

# PeopleTools System Administration: Maintenance and Troubleshooting

4-Day Course

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# PeopleTools System Administration

This 4-day comprehensive hands-on training course provides **PeopleSoft administrators** with the essential knowledge and skills to effectively manage, troubleshoot, and optimize their PeopleSoft environments. Participants will learn best **practices** for **system architecture, security, automation, performance tuning**, and **update management** using PeopleTools.

By the end of the course, attendees will be equipped with **real-world techniques** to enhance system stability, improve security, and streamline administrative tasks.

### Who Should Attend?

- PeopleSoft System Administrators
- IT Support Teams Managing PeopleSoft Environments
- Technical Consultants & Database Administrators (DBAs)
- Anyone responsible for PeopleSoft Maintenance & Troubleshooting

### What You'll Gain

- → Hands-on experience with real-world troubleshooting scenarios
- → Best practices for security, performance, and automation
- → Expert guidance on managing PeopleSoft patches & updates
- → Confidence to administer & optimize your PeopleSoft system effectively

## DAY 1

### PeopleSoft System Architecture & Administration

- Understanding the Core Components of a PeopleSoft Environment
  - PeopleSoft System Architecture Overview
  - Web, Application, and Database Servers
  - Integration Broker & Batch Processing
  - Platform Certification & Support Policies
  - Deployment Models (PUM, PeopleSoft Images, DPKs)

### Hands-on Lab:

- ✓ Navigating PeopleSoft Components
- ✓ System Configuration Validation

## DAY 2

### Security, Logging, & Access Management

- Protecting Your PeopleSoft System
  - Authentication & Single Sign-On (SSO) strategies
  - Role-Based Security & Access Controls
  - Row-Level Security & Data Encryption
  - Auditing & Compliance: Tracking User Activity
  - System Logs & Tracing for Troubleshooting

### Hands-on Lab:

- ✓ Configuring Secure Access & Permissions
- ✓ Analyzing Logs & Tracing Transactions

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## DAY 3

### Automation, Performance, & System Updates

- Streamlining Administration & Enhancing System Performance
  - Automating System Administration with **PSADMIN & Scripting**
  - Performance Optimization & Server Sizing Best Practices
  - PeopleTools Patch Management & Infrastructure Updates
  - Troubleshooting Common PeopleSoft Performance Issues

### Hands-on Lab (Focused on Real-World Scenarios):

- ✓ Automating Tasks with PSADMIN
- ✓ Implementing & Testing System Scripts
- ✓ Applying PeopleSoft Updates & Fixes

## DAY 4

### PeopleSoft Update Manager (PUM) & Advanced Troubleshooting

- Keeping Your PeopleSoft Environment Stable & Up to Date
  - Managing Updates with PeopleSoft Update Manager (PUM)
  - Applying Change Packages & Validating Updates
  - Troubleshooting nVision, Process Scheduler, & Application Engine
  - Performance Monitoring & Query Optimization
  - Backup, Recovery & Environment Refresh Best Practices

### Hands-on Lab:

- ✓ Applying a Change Package in PUM
- ✓ Debugging & Resolving System Issues

Recommended Courses

- PeopleTools I & II Accelerated
- Security (Technical)
- Deployment Packages (DPK)
- Peoplesoft maintenance Tools & Strategies