Agenda

PeopleTools
Core System Administration

2-Day Course

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PeopleTools Core System Administration

This 2-day comprehensive hands-on training course provides PeopleSoft administrators and technical teams with the essential knowledge and practical skills needed to effectively manage, troubleshoot, and optimize PeopleSoft environments. Participants will explore core PeopleTools architecture, server domain administration, database and middleware connectivity, application and batch server configuration, web server management, and administrative automation using PSADMIN.

By the end of the course, attendees will understand how PeopleSoft components work together, how to diagnose performance bottlenecks, apply sizing best practices, utilize PeopleSoft Ping for tier diagnostics, and automate administrative tasks for greater operational efficiency and system stability.

DAY ONE

PeopleSoft Architecture Foundations

- End-to-end PeopleSoft architecture overview
- Client, web, application, batch, and database tier relationships
- On-premises and cloud deployment models
- Server communication flow
- Middleware overview (Oracle Tuxedo / WebLogic)

PeopleSoft Authentication & Login

- Connect ID, Access ID, Symbolic ID, and User ID
- Login authentication flow
- PSDBOWNER, PSSTATUS, PSOPRDEFN, PSACCESSPRFL tables
- Password controls and account management
- Bootstrapping and credential updates

Domain Administration

- Application Server domains
- Process Scheduler domains
- Web domains
- Domain configuration files
- Creating, managing, and troubleshooting domains

Database Server Administration

- Metadata vs application data
- Definition tables vs transaction tables
- Database connectivity
- Parallel processing concepts
- Oracle support and availability concepts

Application Server Administration

- PSAPPSRV, PSQCKSRV, PSQRYSRV, PSSAMSRV
- JOLT, listeners, handlers, and queues
- Caching and request processing
- Tuxedo fundamentals
- Domain configuration tuning
- Integration Broker service processes

PSADMIN Utility

- Config home management
- Domain creation / administration
- Configuration templates
- Advanced .cfg tuning
- Loading configuration changes
- Windows service setup
- Configuration replication

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Batch Server Administration

- Process Scheduler architecture
- PSAESRV, PSPRCSRV, PSDSTSRV
- Batch domain deployment
- Scheduler sizing and configuration
- COBOL and runtime considerations

Web Server Administration

- PIA architecture
- Single-server vs multi-server domains
- WebLogic fundamentals
- Session management
- Load balancing and scalability concepts

DAY TWO

Performance & Sizing

- Service sizing strategies
- Process recycle configuration
- Query server sizing
- Workstation listener sizing
- Performance tracing
- SQL troubleshooting fundamentals

Diagnostics & Automation

- PeopleSoft Ping
- Tier-by-tier response analysis
- Browser / web / app / DB timing
- PSADMIN command-line scripting
- Administrative automation best practices
- Repeatable operational procedures

Deep Dive Hands-on Lab for Scripting

Recommended Courses

- Integration Broker Configure & Administer
- Security (Technical)
- PeopleSoft Maintenance & Strategies

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