

PeopleSoft System Administration

PeopleSoft Server Maintenance and Deployment

Troubleshooting PeopleSoft Servers

Training Course Agenda

Architecture

- Database Server
- Application Server
- Batch Server
- Web Server
 - WebLogic deployment strategies
- Load Balancer
- Pre-Load and LoadCache
- Architecture Diagrams
 - Separate web/app domains for integration broker.
 - Disaster Recovery
- PeopleSoft homes, custom objects and integration directory structure strategies
- Upgrade and maintenance strategies
- Web profiles

Patching

- Patch strategies
- Tuxedo
- WebLogic
- OS
- Database

Logs and Detail Levels of Logging

- Web Server, Application Server, Process Scheduler, Database, ElasticSearch, Integration Broker
- Log Management Tools (Splunk)

Tracing

- Signon, Interactive, PeopleCode
- Process Scheduler:
 - Application Engine
 - COBOL
 - SQR
 - BI Publisher
 - nVision
- AE Log Analyzer

Passwords and Key Management

- Passwords
 - Default Passwords
 - Password Strength
 - NIST's New Password Rule Book
 - Password Management
- Key Management
 - Tools (Keystore Explorer)
 - Key Management Life Cycle
 - Segregated Roles
 - Key Management System

Deployment Recommendations and Maintenance

- PeopleTools Utilities
- Refresh Scripts
- Deployment checklists
- Port Strategy
- Environment Strategy
- Logs
- Storage
- Oracle Database
- Process Scheduler
- Web and Application Server
- Integration Broker
- ElasticSearch
- Network shares

Troubleshooting

- Oracle Support
 - “Master Note” Resolutions
 - Red Papers
 - Troubleshooting Assistants
- Oracle Database
- Process Scheduler, Web and Application Server
- Integration Broker
- ElasticSearch
- nVision
- SQR
- COBOL
- BI Publisher

Performance and Sizing

- AWR Report
- Indexes
- Process Scheduler, Application Server, Web Server
- PeopleSoft Ping

Tips and Tricks

- Automation
- Scripts

Migrations

- Methodology and change control

Security

- Oracle Database Security Assessment Tool (DBSAT)
- Encryption
 - SSL/TLS
 - Storage - Data encryption at rest
 - Access – Data in use
 - Network – Data in motion
- Access
 - Direct Database Access
 - Auditing
 - Default Passwords
- Load Balancer
- Web Application Firewall
- Application Auditing
- Key Management