

**PeopleTools 8.56-8.59**  
**PeopleSoft System Administration**  
**PeopleSoft Server Maintenance and Deployment**  
**Troubleshooting PeopleSoft Servers**  
**Oracle on Linux**

Training Course Agenda

## Patching

- Patch strategies
- Tuxedo
- WebLogic
- OS
- Database

## 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

## 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

## 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

## Architecture

- PeopleSoft homes, custom objects and integration directory structure strategies
- Separate web/app domains for integration broker.
- WebLogic deployment strategies
- Upgrade and maintenance strategies
- Web profiles

## Deployment Recommendations and Maintenance

- PeopleTools Utilities
- Refresh Scripts
- Deployment checklists
- Port Strategy
- Environment Strategy
- Logs
- Storage

## Deployment Recommendations and Maintenance, continued

- 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