

# PeopleTools 8.57-8.59 Deployment Packages (DPK)

## Agenda

# Deployment Packages (DPKs)

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The PeopleSoft Deployment Packages training will teach you how to install and maintain PeopleSoft applications using PeopleSoft Deployment Packages (DPKs). The course covers using DPKs for fresh installations, PeopleSoft Update Manager Image (PUM) installation, PeopleTools Patches, PeopleTools Upgrade and Elasticsearch. You will learn how to create customization files that allow you to set up environments that are unique with respect to topology as well as configuration settings.

Skills gained: Install PeopleSoft Applications using DPKs, Deploy PeopleTools Deployment Packages, Customize a PeopleSoft environment, Apply PeopleTools patches using DPKs, Install Elasticsearch and Configure Elasticsearch.

### Prerequisites:

- PeopleSoft Components Knowledge
- PeopleSoft Application Installation Experience
- Selective Adoption Knowledge

## DPK Technology Overview

- PeopleSoft Architecture
- PeopleSoft Deployment Framework
- Installation Process
- Information Sources for PeopleSoft Deployment Packages

## DPK for PeopleSoft Installations

- Discovering and Downloading PeopleSoft Application DPKS
- Deployment Productivity Kit Installations
  - Overview
  - PeopleTools
  - PeopleTools Patch
  - Application
  - Web Server Options and Deployment
  - Application/Web/Batch Domains
  - PUM
    - Virtual Box
    - Native OS
    - Cleanup
  - Elasticsearch
  - Cloud Manager

## DPK with Customizations and Automation

- DPK Setup
- Puppet Hiera YAML Files
- Creating the psft\_customizations.yaml file
- Customizing Component Installation Locations
- Customizing PeopleSoft Domain Definitions

## Troubleshooting

## User Community DPK Patches on GitHub

## WebLogic and Tuxedo Patches

- Traditional Method
- SPBAT (Stack Patch Bundle Automation Tool) for WebLogic

## Database Partitioning

- Partitioning Benefits
- The Dangers of not partitioning
- Tables
- Indexes
- Partitioning Methods
- Composite Partitioning
- Table Partitioning Planning
- Use Case, Partitioning for nVision LEDGER tables)
- PeopleSoft Partitioning Utility

## Database Compression

- Comparison of Compression methods with expected storage reductions
- Hybrid Columnar Compression
- Basic Compression
- Oracle Advanced Compression
- Unstructured Data Compression
- RMAN Compression
- Index Compression
- Successful PeopleSoft Compression use cases.

## PeopleSoft Data Archiving (Focus on FSCM)

- Order and Dependencies
  - General Ledger
  - Payables
  - Voucher
  - Purchase Orders
  - Purchase Orders Receipts
- Delivered and Custom Templates
- Archive Process