



Technical Course

PeopleTools 8.56-8.57 Deployment Packages (DPKs)

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

Technology Overview

- Reviewing PeopleSoft Architecture
- Describing PeopleSoft Deployment Framework
- Describing Downloading DPKs
- Describing Installation Process
- Describing Elasticsearch
- Describing Cloud Manager
- Describing Sources of Information about PeopleSoft Deployment Packages

Using DPKs to Install PeopleSoft Applications

- Downloading DPKs
- Discovering and Downloading PeopleSoft Application DPKs
- Describing the PeopleSoft Application DPKs
- Reviewing the Implementation of DPKs in the Training Environment

Installing PeopleSoft Application Using DPK

- Installing a FRESH Application
- Downloading the PeopleTools DPK Files
- Installing the PeopleSoft Homes

Customizing a PeopleSoft Environment

- Understanding the DPK Setup
- Describing the Puppet Hiera YAML Files
- Describing the psft_unix_system.yaml File (Linux Only)
- Creating psft_customizations.yaml file
- Customizing Component Installation Locations
- Customizing PeopleSoft Domain Definitions

Agenda

Downloading and Deploying PeopleSoft Image

- Describing PeopleSoft Update Manager (PUM) Environment
- Downloading PeopleSoft Image DPK
- Deploying DPK on Windows
- Installing PeopleTools Client
- Removing PeopleSoft Environment

Deploying the PeopleSoft PeopleTools Deployment Packages

- Downloading the PeopleTools DPK Files
- Describing the Downloaded Files
- Describing PeopleTools DPK Setup
- Installing the PeopleSoft Homes
- Running the DPK Setup Script for Mid-Tier Deployment
- Deploying the PeopleTools Client DPK

Applying PeopleTools Patch using DPK

- Describing PeopleTools Patch
- Installing PeopleTools Patch
- Deploying the New Release in Mid-tier Mode
- Creating the Customization File
- Verifying the Patch Application

Installing Elasticsearch and Configuring PeopleSoft Search Framework

- Explaining the Features of PeopleSoft Search
- Describing the PeopleSoft Search Framework
- Describing Elasticsearch
- Installing Elasticsearch (using DPK)

Managing an Elasticsearch Cluster

- Describing Cluster Setup
- Adding a New Node to the Cluster
- Starting and Stopping the Cluster

Deploying Search Definitions and Building Search Indexes

- Creating a Search Instance (using ACM template)
- Locating Delivered Search Definitions
- Deploying Search Definitions and Search Categories
- Building Search Indexes: Attachment processing (Direct Transfer), partitioning data based on date range, using separate index for SDs with large data, and monitoring/troubleshooting index process.
- Deploying and Indexing Data (using ACM template)
- Working with Incremental Index Updates

Agenda

Configuring End User Search Options

- Working with Search Framework Search Results
- Enabling Global Search
- Enabling Keyword Search

Monitoring the Elasticsearch Cluster in Health Center

- Understanding Elasticsearch Dashboard
- Viewing the Cluster Dashboard
- Viewing the Cluster Dashboard

Additional Features

- Interacting with Elasticsearch
- Understanding DirectTransfer

Introduction to Cloud Manager