

R12.x Install/Patch/Maintain Oracle E-Business Suite

Duration: 5 Days

What you will learn

This class provides training applicable to Oracle E-Business Suite Releases 12.0 and 12.1. It does not provide training applicable to Oracle E-Business Suite Release 12.2 (the architecture of Release 12.2 is different compared to Releases 12.0 and 12.1).

This course explains how to go about installing and maintaining an Oracle E-Business Suite Release 12.0 / 12.1 system.

Learn To:

- Install Oracle E-Business Suite.
- Identify key files and their purposes.
- Navigate the file system and database.
- Run maintenance tools and utilities.
- Apply patches.
- Clone Oracle E-Business Suite.

Maintenance Topics

Both Standard and Express installation types are covered in detail. Maintenance topics include a detailed examination of the standard tools and utilities, as well as an in-depth look at patching an Oracle E-Business Suite system.

Goals of this Course

After this course, you'll be able to make informed decisions about how to install an Oracle E-Business Suite system that meets specific requirements. You'll also know how to maintain the system afterwards.

Hands-On Practices

You'll participate in extensive hands-on practices. These include: performing an installation on a Linux system, navigating the file system to locate key files, running the standard maintenance tools and utilities, applying patches and carrying out cloning operations.

Audience

- Database Administrators
- Database Designers
- Functional Implementer
- Project Manager
- Support Engineer

Technical Consultant

Course Objectives

Gain an overview of Oracle E-Business Suite

Install Oracle E-Business Suite

Describe Oracle E-Business Suite architecture

Identify key files and their purposes

Navigate the Oracle E-Business Suite file system

Identify key features of the Oracle E-Business Suite database

List advanced configuration options

Run Oracle E-Business Suite maintenance utilities

Apply patches to an Oracle E-Business Suite system

Clone Oracle E-Business Suite

Course Topics

Oracle E-Business Suite Overview

Oracle E-Business Suite Home Page

Oracle E-Business Suite Architecture

Oracle E-Business Suite Technology Stack

Installation Tools

Oracle E-Business Suite Products

Preparing For Your Installation

Overview of Rapid Install

Supported Platforms and Environments

Prerequisites and Preparatory Tasks

Starting Rapid Install

Obtaining Help

Performing an Installation

Installation Types and Options

Standard Installation

Express Installation

Finishing Your Installation

Required Post-Installation Steps

Conditional Post-Installation Steps

Administration and Maintenance Tasks

Oracle E-Business Suite Components

- Oracle E-Business Suite Technology Stack
 - Desktop Tier
 - Application Tier
 - Database Tier
- Oracle E-Business Suite Technology Layer
- Oracle Applications DBA
- Oracle Application Object Library
- Oracle E-Business Suite Utilities

Environment Files, Control Scripts, and Languages

- Oracle E-Business Suite Environment Files
- Application Tier Service Control Scripts
- Character Sets
- Globalization Features
- Language Support

Oracle E-Business Suite File System

- File System Overview
- INST_TOP Directory Structure
- Database Tier File System
- Application Tier File System
- APPL_TOP Directory Structure
- Product Directories
- Technology Stack Directory
- Database Directories

Oracle E-Business Suite Database

- Database Overview
- Oracle E-Business Suite Database Objects and Schemas
- Implementing Multiple Organizations
- Reporting Currencies
- Monitoring Features
- Performance Features
- Scalability Features
- Database Tier Server Control Scripts

Advanced Configuration Options

- Shared Application Tier File System
- Load Balancing
- Network Features

Using the AD Utilities

- Overview
- Setting the Environment
- The AD Utilities
- Command Line Arguments and Flags
- AD Utilities Features and Prompts
- Parallel Processing Options and Distributed AD
- Log and Restart Files
- Maintenance Mode

AD Administration: Generate Applications Files Tasks

- Preliminary Tasks
- Prompts and Log Files
- Generate Applications Files Menu
- Generate Message Files
- Generate Form Files
- Generate Report Files
- Generate Product JAR Files

AD Administration: Maintain Applications Files Tasks

- Maintain Applications Files Menu
- Relink Applications Programs
- Copy Files to Destinations
- Convert Character Set
- Maintain Snapshot Information
- Checking for Missing Files
- Performing File System Tasks

AD Administration: Maintain Database Entities Tasks

- Maintain Database Entities Menu
- Validate APPS Schema
- Recreate Grants and Synonyms
- Maintain Multi-lingual Tables
- Check DUAL Table

AD Administration: Compile/Reload Database Entities Tasks

- Compile/Reload Database Entities Menu
- Compile APPS Schema
- Compile Menu Information
- Compiling Flexfield Data in AOL Tables
- Reloading JAR Files into Database

AD Administration: Non-Interactive Operation and Maintenance Mode

- Creating AD Administration Defaults File
- Running AD Administration in Non-Interactive Mode
- Using Maintenance Mode

Special Utilities

- AD Controller Overview
- Worker Status Flow
- Restarting an AD Utility
- Shutting Down Managers
- AD Relink Overview
- Running AD Relink

AutoConfig

- AutoConfig Overview
- Context Files
- AutoConfig Tasks
- Running AutoConfig
- AutoConfig Log Files
- Rolling Back an AutoConfig Session

Running AutoConfig in Test Mode

Other AutoConfig Features

License Manager

Introduction

Accessing License Manager

Registering Oracle E-Business Suite

Registering Component Applications

Registering Individual Products

Registering Country-Specific Functionalities

Registering Languages

License Manager Reports

Reporting Utilities

AD Configuration

AD File Identification

AD Job Timing Report

Configuration Utilities

AD Splicer Overview

AD Splicer Control Files

Editing newprods.txt File

Post-Splice Steps

File Character Set Converter

Patching and the AutoPatch Process

Patch Terminology and Components

Downloading Patches

AutoPatch Features

Patch Wizard

Running AutoPatch

OAM Timing Reports

Other Patching Topics

Applied Patches Information

Cloning Oracle E-Business Suite

Principles and Terminology

Cloning Scenarios

Prerequisite Steps

Cloning Steps

Finishing Tasks

Refresh a Target System

Clone a Multi-Node System

Add a Node to an Existing System