

## 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