

R12.2 Oracle Patching and Maintenance Technical Overview

Duration: 1 Day

What you will learn

This R12.2 Oracle Patching and Maintenance Technical Overview training training will teach you about the changes in Oracle E-Business Suite architecture. Explore how to conduct online patching, use adop (the new patching utility) apply patches and change configurations.

Learn To:

Describe the changes in Release 12.2 Oracle E-Business Suite Architecture.

Identify the high-level technology stack components that make up the desktop, application and database tiers.

Explain online patching and its implementation.

Get an in-depth understanding of the online patching cycle.

Describe adop and its actions.

Describe the configuration management changes introduced with Oracle WebLogic Server.

Benefits to You

Better understand the concepts of online patching so that you can apply patches while the system is still running and reduce the patching and maintenance downtime.

Online Patching

Enrolling in this course will help you better understand the new Oracle E-Business Suite Architecture and changes made to support online patching. Expert Oracle University instructors will help you get a head start learning about the concepts of online patching and adop (the new patching utility) that you can use to apply patches while the system is still running.

Configuration Changes

In Oracle E-Business Suite Release 12.2, OC4J has been replaced with Oracle WebLogic Server. This has resulted in a reduced role for AutoConfig in the configuration of the Oracle HTTP Server (OHS) and web applications. By investing in this course, you'll learn about the reduced role for AutoConfig. You'll also learn how maintenance is performed in Release 12.2.

Audience

Database Administrators

Database Designers

Functional Implementer

Project Manager

Support Engineer

Technical Consultant

Course Objectives

Describe the changes in R12.2 Oracle E-Business Suite Architecture

Learn about online patching

Understand the online patching cycle

Learn how to use adop

Understand how Release 12.2 uses Oracle WebLogic Server

Course Topics

Oracle E-Business Suite Architecture

Introduction to Oracle E-Business Suite

Oracle E-Business Suite Architecture

Oracle E-Business Suite Multi-Tier Architecture

Desktop Tier

Application Tier

Database Tier

Oracle Homes Architecture

Oracle E-Business Suite Technology Layer

Online Patching Concepts

Patch Types, Terminology, and Components

Patch Creation and Patching Order

Patching Utilities

Introduction to Online Patching

Architectural Changes to Support Online Patching

Database Implementation

Editioning Views and the Application Data Model

Phases of the Online Patching Cycle

Running the AD Online Patching Utility

AD Online Patching Utility

Running the adop Utility

adop Commands

Executing the Patching Cycle

Status of a Patching Cycle

Patching in Multi-Node Environments

adop Remote Invocation

Hotpatch Mode

AutoConfig and Configuration Changes

Reduced Role for AutoConfig

Configuration Tools

New AutoConfig Tools for System Configuration

Service Groups and Services in Release 12.2

AutoConfig Managed Service Groups and Services

Managing Oracle HTTP Server Configurations

Web Applications
Summary of Configuration Changes