

## R12.2 Oracle Applications System Administrator Fundamentals

**Duration:** 5 Days

### What you will learn

This course is for customers implementing R12, R12.1 and R12.2

In this intensive course, you'll learn the concepts and functions that are critical to the System Administrator role. This includes managing security, managing concurrent processing, monitoring your system using Oracle Applications Manager, SOA and web services for system administration, and other related topics.

Learn To:

Set up and administer security-related features.

Monitor Oracle E-Business Suite activities using OAM.

Understand the fundamentals of Oracle Workflow, including its setup.

Configure flexfields and understand how they are used by Oracle E-Business Suite.

Set up and manage profile options, printers, personalizations, and other features.

Describe service-oriented architecture (SOA) and manage service life cycle activities.

### Benefits to You

Better understand how to effectively control security, monitor your system, and handle day-to-day system administrator tasks for Oracle E-Business Suite applications, so that your organization can more rapidly realize the full value of Oracle E-Business Suite.

### Build a Foundation

The System Administrator Fundamentals course gives you the foundation to effectively control security and ensure smooth operations for an E-Business Suite installation. Demonstrations and hands-on activities reinforce the fundamental concepts of configuring an Oracle E-Business Suite, as well as handling day-to-day system administrator tasks.

### Audience

Application Developers

Functional Implementer  
Support Engineer  
Technical Administrator

### **Course Objectives**

Describe Oracle Workflow

Understand concurrent processing

Describe diagnostics and troubleshooting tools for Oracle E-Business Suite

Define profile option values

Set up auditing

Set up printing

Manage Folders

Implement function security

Implement Oracle User Management

Implement flexfields

Manage the Oracle E-Business Suite with Oracle Applications Manager

### **Course Topics**

#### **Oracle E-Business Suite System Administrative Responsibilities**

System Administrative Responsibilities

System Administration Responsibility

System Administrator Responsibility

Functional Administrator and Functional Developer Responsibility

Integrated SOA Gateway Responsibility

#### **Oracle E-Business Suite Security**

Successive Layers of Access Control

Function Security

Data Security

Role Based Access Control (RBAC)

Delegated Administration

Simplified User Management

#### **Function Security**

Users

Custom Applications

Menus

Responsibilities

Functions

### **Data Security**

Objects

Grants

Permissions and Permission Sets

Data Security Policies

### **Oracle User Management**

Access Control Model

RBAC

Delegated Administration

Self-Service and Approval features

### **Concurrent Programs and Requests**

Lifecycle of a Concurrent Request

Managing Concurrent Requests

Request Sets

Viewing Request Output

Defining a Custom Concurrent Program

### **Administering Concurrent Managers**

Generic Service Management (GSM)

Concurrent Managers

Concurrent Manager Workshifts

Conflict Domains

Internal Concurrent Managers

Internal Monitors

Transaction Managers

Parallel Concurrent Processing

### **Oracle Applications Manager (OAM)**

Benefits of Oracle Applications Manager

OAM Dashboard

OAM Site Map

System Monitoring

Diagnostic Tools in OAM

Support Cart

### **Profile Options**

Personal Profile Values

System Profile Values

Profile Hierarchy Levels

Profile Categories

### **Oracle Workflow**

Business Processes

System Integration with Oracle Workflow

Workflow Architecture

Workflow Engine

Workflow Builder

Notification System  
Workflow Manager  
Directory Services

### **SOA and Web Services**

SOA in Oracle E-Business Suite  
Integrated SOA Gateway  
Generating SOAP Services  
Deploying SOAP Services  
Deploying REST Services  
Searching SOAP Messages  
Service Invocation Framework (SIF)  
Purging SOAP Messages, Audits, and Logs

### **Auditing System Resources**

Auditing User Activity  
Signon Audit

### **Printers**

Printer Components  
Printing with the Pasta printing feature  
Using Pasta with Oracle XML Publisher

### **Flexfields**

Key Flexfields  
Descriptive Flexfields  
Value Sets  
Validation of Flexfield Segment Values

### **Personalizations**

Overview of Personalizations  
Oracle Forms Personalizations  
OA Framework Personalizations  
User Personalizations  
Personalizations vs. Extensions