

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, personalization's, 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

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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 Work shifts
- 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
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- 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

Personalization's

Overview of Personalization's
Oracle Forms Personalization's
OA Framework Personalization's
User Personalization's
Personalization's vs. Extensions