

## Oracle HCM Cloud: Security

**Duration:** 2 Days

### What you will learn

This Oracle HCM Cloud: Security training teaches you about the Oracle HCM Cloud role-based security model. Expert Oracle University instructors help you gain hands-on experience with the UIs used to manage security in Oracle HCM Cloud.

### Learn To:

- Identify and manage the different types of roles, including aggregate privileges and data, abstract, job, and duty roles.
- Create security profiles to restrict data access.
- Create data roles and assign security profiles to them.
- Create role-provisioning rules.
- Provision roles to users.
- Create implementation users.
- Create a custom job role on the Security Console.
- Create a custom duty role on the Security Console.
- Use the many features of the Security Console.

### Benefits to You

By taking this course, you'll learn how to plan and implement security in Oracle HCM Cloud. You'll learn some advanced tips for implementing security, using features such as Areas of Responsibility to minimize the number of data roles you need to create. You'll use the Security Console, the new interface for managing security.

### Please Note

This course is relevant for any customers using Oracle Fusion Applications through Release 11.1.11. It's beneficial for both Oracle Cloud and on-premises deployments.

This course includes a preview of Release 12 new features

### Audience

- Functional Implementer
- Implementation Consultant
- Security Administrators

### Related Training

#### *Suggested Prerequisites*

- Introduction to Oracle HCM Cloud
- Introduction to Oracle Human Capital Mgmt. Cloud

## Course Objectives

Create a custom duty role  
Differentiate the five types of roles used in Oracle Fusion Applications security  
Identify key components of the Security Reference Implementation  
Create a new data role and assign security profiles  
Describe how user accounts are created and roles are provisioned to users  
Manage provisioning rules that map roles to users based on their HR assignments  
Describe the key features of Oracle Fusion Applications security  
Identify the three main tools used to manage security in Oracle Fusion Applications  
Create a custom job role  
Describe how security policies are generated for roles that inherit a duty role or aggregate privilege  
Describe how HCM security works with Oracle's BI Reporting tools  
Describe how single sign-on works with Oracle Fusion HCM applications  
Understand role delegation  
Understand how to use the Security Console

## Course Topics

### Security Overview

Role-Based Security Model  
Predefined HCM Roles  
Role Inheritance  
Role Types  
Security Privileges  
Security Component Terminology Comparison  
Role Evaluation  
Customizing Security for Your Needs

### Security Profiles and Data Roles

Data Security Through Security Profiles  
HCM Security Profile Types  
Predefined HCM Security Profiles  
HCM Security Profiles Best Practices  
Key Points for Creating Security Profiles  
Creating Security Profiles and Assigning to a New Data Role  
Assigning Security Profiles to Existing Roles  
Editing Security Profiles

### User Management

User Account Creation Scenarios  
Maintaining User Accounts  
Enterprise-Level User-Management Options  
Implementation Users  
Reporting on Users

### Role Provisioning

Provisioning Roles to Users: Overview  
Defining Role-Provisioning Rules  
Role Mappings in Detail

- Auto provisioning
- Role-Provisioning Rules for Abstract Roles
- Integration with the New Hire Flow
- Role-Provisioning Strategies
- Role Delegation

### **HCM Security Management Data Stores, Tools, Tasks, and Processes**

- Oracle Fusion Middleware: Overview
- HCM Security Management Data Stores
- Fusion Applications, OIM, and APM Terminology Differences
- R10 Job and Abstract Roles in APM
- HCM Security Tasks
- HCM Security Processes
- The Security Console
- Accessing OIM and APM

### **Using the Security Console**

- Security Console: Overview and Benefits
- Running the Import User and Role Application Security Data Process
- Launching the Security Console
- Using Key Features of the Security Console
- Role Visualization
- Role Comparison
- Setting Security Console Profile Options

### **Creating Custom Roles on the Security Console**

- External Roles and Application Roles
- Copying Application Roles
- Reviewing Roles in All Application Stripes
- Creating External Roles for Copied Application Roles
- Editing Copied Roles
- Creating Roles from Scratch
- Running Retrieve Latest LDAP Changes
- Regenerating Data Roles

### **HCM Security Deep Dive**

- Aggregate Privileges and Duty Roles in Detail
- Function Security Privileges
- Data Security Policy Components
- Data Security - Application Role Creation
- Data Security - FND\_GRANTS Generation
- Data Security - Data Role Creation
- Data Security in Action
- Creating a Custom Duty Role

### **Tips for Implementing HCM Security**

- Resilience to Change
- Impersonation
- Minimizing the Number of Data Roles Using Areas of Responsibility

Defining a Dynamic Data Role  
Role Optimization

**Security and HCM Reporting**

OTBI Security  
BI Publisher Security

**Single Sign-On**

What is Single Sign-On?  
Single Sign-On Components  
How Single Sign-On Works  
Technical View  
Single Sign-On Terminology  
Single Sign-On Patterns  
Implementation Scenarios