

Web Services Foundation Using XML for Framework 4

Duration: 1 Day

What you will learn

This course is applicable to all products supported by the Oracle Utilities Applications Framework 4 including the following:

- Oracle Utilities Customer Care and Billing
- Oracle Utilities Business Intelligence
- Oracle Utilities Meter Data Management
- Oracle Utilities Mobile Workforce Management
- Oracle Enterprise Taxation Management

Attendees explore the main components in the Web Services architecture and the way they support various integration scenarios. The class covers Web Services concepts, Maintenance Object concepts, Task Optimization Web Services, Fusion Integration, and managing these Web Services.

Learn to:

- Enable integration with an application service via Web Services definitions
- Configure the Web Services Adapter
- Obtain or update information using Web Services
- Register Web Services within the product

Audience

- Application Developers
- Data Warehouse Administrator
- Database Administrators
- Database Designers
- System Analysts
- Technical Administrator
- Technical Consultant

Related Training

Required Prerequisites

Technical Foundation for Framework 4

Suggested Prerequisites

Experience working in a Windows environment

Familiarity with the relevant product

Understand XML concepts and have some practical experience w

Course Objectives

Explain the use of Web Services for integration

Show how to get or update information in the product using Web Services

Define Web Services for the product

Register Web Services within the product

Describe how to use a Service Bus with the product

Configure the Web Services Adapter

Course Topics

Web Services Foundation

Overview

Web Services Concepts

Web Services Architecture

XML Overview

SOAP

Request/Response Documents

XPATH

The Registry

Inbound Services

Maintenance Object (MO) Web Services

MO's

Page Objects

List Objects

Search Objects

Incoming Service Process

Schema Editor

Creating, Editing, and Validating Schemas

Submission

Business Object (BO) Web Services

Task Optimization (TO)

TO Transaction Types

Testing a TO based Web Service

Fusion Integration (Covering Web Services in General)

WSDL for Incoming Services

Process Overview

WSDL Generation

WS Security Support

classicxai vs. xaiserver

Managing Web Services

Web Services Adapter Servlet

JVM Settings

J2EE Structures

Configuration Files

Hibernate and C3P0

Exporting and Importing XAI Services