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Fusion Technical Course Content

Getting started with

Introduction to Oracle Cloud Applications

Oracle Fusion Architecture

Oracle Cloud Service Types

Types of Oracle Cloud Applications

Oracle cloud portals (My Services & My Account)

Oracle Cloud Portal Administrators

Functional Setup Manager Overview

Fusion Offerings, Functional Areas, Features, Task Lists and Tasks

Security:

Oracle Fusion Security Model (RBAC)

Security Implementation Overview

Security Building Blocks(FSM, Security Console, Security Reference Model, AAG)

User Types

Implementation User : Creation & Role provisioning

Functional User Management

Role Types (Data Role, Job Role, Duty Role, Abstract Role & Aggregate Privileges)

Role Inheritance

Role Provisioning/Role Mapping

Security Console : Benefits/ Features

Security Console : Manager, Create, Copy & Compare Roles

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Data Loading (Inbound Integrations)

Overview on Inbound Integrations
Fusion Data Loaders
Spreadsheet Data Loaders (ADFDi)
File-Based Data Import(FBDI)
Inbound Web Services Overview
Inbound Automations

HCM Technical Components

Overview of HCM Components
Master data and Employee Creation from UI
Fusion Data Loaders (HCM Data Loader and Spreadsheet data Loader)
Master data and Employee Creation from Data loaders
Fast formulas Overview
Fast formula components
Fast formula Types
Fast formula Creations with live examples

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Data Extraction (Outbound Integrations)

Overview of fusion reporting tools

BI Publishers Architecture

BI Publisher : Data Model, Reports, Layouts and templates

BI Publisher : Excel Layout and etext template development

BI Publisher :

Scheduling BI

Publisher : Bursting

BI Publisher : Complex SQL logics

Oracle Transactional Business Intelligence(OTBI) Architecture

OTBI Security

OTBI : BI Analysis, Subject Areas, Folders & Attributes

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OTBI : Dashboards, KPIs and briefing books

OTBI : Delivering Content (Agents)

HCM Extracts

Financial Data Extract

Outbound Automations

Financial Reports

Overview and Financial Reports

Financial Reports : Report

Development Financial Reports:

Report Functions Financial Reports :

Scheduling

Financial Reports : Migration

Extending Fusion Applications

Overview and Accessing Fusion Applications UI

Understanding ADF Architecture

Fusion Application Extensibility, Customization & personalization

Manage Sandbox

Page Composer, Application Composer

Customization Migrations

Integration Using Web Services

Introduction

SOA Architecture

Principles Types of web

services

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About REST Web Service

Introduction

Rest principles & Terminology

About JAX-RS API

Annotation Inheritance with REST

REST Client Design Scenarios

REST Service Endpoint & URL Design Scenarios

Real time Examples with scenarios

About SOAP Web Service

Introduction

Anatomy of SOAP

Structure of SOAP

SOAP with HTTP

SOAP-1.2 Features

About WSDL

Introduction

WSDL Structure (Covers 2.0)

Message Exchanging Design Patterns & Modes

About Web services Security

Introduction

Need of security

Types of securities

Real time Examples with scenarios

Integration scenarios with web services

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Figuring out the cloud web services

Building the payload

Testing the web services (REST and SOAP)

Visual Basic Cloud Service

Overview of VBCS
VBCS User Interface
Create, Read, Update, Delete web application creation
Single column and Multi column filter use case
Delete use case for each row
RESTAPI invocation(GET, POST) from web application

Process Cloud Service

Overview of PCS
PCS User Interface
PCS various components
Approval workflow use case Development
Decision Model use case
Test, Activate, Version, and Migration of PCS components