

Oracle Application Express: Administration (16 hrs.)

In the Oracle Application Express: Administration Ed 2 course, students will learn to install and configure Oracle Application Express 5.0 and Oracle REST Data Services 3.0.

Learn to:

In the Oracle Application Express: Administration Ed 2 course, students will learn the different ways in which Oracle Application Express can be installed and will perform a full development environment installation on a multitenant architecture of Oracle Database 12c. They will identify the three options of configuring a web server for Oracle Application Express and will install and configure the Oracle REST Data Services.

- Install Oracle Application Express.
- Install and Configure Oracle REST Data Services.
- Rectify Common Installation Errors.
- Create and Manage Workspaces and Users.
- Manage and Monitor An Entire Development Instance.
- Manage and Monitor Workspaces.

Benefits to You:

Students will benefit by learning how to troubleshoot installation issues and review the installation log. Students will be shown how to log into the Oracle Application Express Administration Interface and manage an entire development Instance and they will learn to create users and workspaces and manage and monitor the Oracle Application Express instance. Students will also learn to log into the Oracle Application Express application as a workspace administrator and monitor and manage a Oracle Application Express workspace.

Required Prerequisite

- Oracle Database 12c: Administration Workshop Ed 2
- Oracle Application Express Workshop I Ed 2

Audience

- Security Administrators
- Web Administrator
- Web Administrator
- Application Developers
- Database Administrators
- Database Administrators

Course Objectives:

- Troubleshoot common performance issues
- Install and configure APEX 5.0
- Install and configure Oracle REST Data Services
- Create Workspace, Users and Schemas
- Configure Instance settings such as Email, Report Printing and Storage
- Configure Security
- Configure Features such as Application Development, SQL workshop and Database Monitoring

- Managing Service Requests for a Workspace
- Creating Users and Groups
- Create Workspace announcements, monitor workspace activity and using dashboards
- Manage Service Requests
- Manage Session State
- Export and Import Workspaces
- Manage Public Themes
- Monitor Activity in an Entire APEX Instance
- Using APEX_INSTANCE_ADMIN API procedures and functions

Course Topics:

Course Overview

- Suggested Schedule
- Course Environment
- Course Objectives
- Accessing the labs Directory

Introduction

- Product Overview
- Performing Database Administration and Linux Review
- Reviewing Terms and Concepts

Installing Oracle Application Express

- Identifying Pre-installation Tasks
- Administering Post Installation Tasks
- Overview
- Installing Oracle Application Express

Installing and Configuring Oracle REST Data Services

- Installing Oracle REST Data Services
- Configuring Oracle REST Data Services in Standalone Mode

Creating Workspaces

- Managing Existing Workspaces
- Creating Workspaces
- Creating Schemas
- Creating Users
- Managing Instance and Workspace Administration

Configuring Administration Services

- Configuring Security Settings
- Configuring Instance Settings
- Configuring Features

Administering a Workspace

- Monitoring Activity
- Managing Administration Page and Tasks
- Managing Services
- Creating Users and Groups
- Using Dashboards

Administering An APEX Instance

- Managing Announcements
- Managing Public Themes

- Managing Custom Applications
- Managing Service Requests
- Exporting/Importing Workspaces
- Monitoring Activity
- Managing Session State

Using the APEX_INSTANCE_ADMIN API

- Managing Parameters
- Learning about the APEX_INSTANCE_ADMIN API
- Managing Workspaces
- Managing Schemas

Key APEX Administration Tasks

- Administering DBA Tasks
- Troubleshooting
- Managing Schemas
- Managing Instance Administrator Tasks