

O1050 - Oracle 10gAS Administration

Course Objectives

This course is designed to introduce Oracle's core web development product - Oracle 10gAS.

This leading edge course covers the installation procedures, using the management tools, and configuring all the commonly used products that make up 10gAS.

10gAS is based on Oracle 9iAS Release 2 (9.0.2 onwards) which built on the functionality introduced with Release 1 and was substantially different from previous releases.

Who Should Attend	Prerequisites	Duration
Oracle Database Administrators Oracle System Administrators Oracle Support Engineers Oracle Network Administrators Oracle 9iAS/10gOAS Administrators	PC Fundamentals	3 Days

Course Contents

Introduction

Overview
 Role of the IAS
 Basic Architecture of the IAS
 Basic Architecture of a Web Server
 Client Request
 Web Server Response

Installation

Versions
 Internet Connections & Intranet Domains.
 Pre-Installation Tasks
 Step-by-step through the Installation
 Infrastructure Installation
 Other Install types
 Post Installation Tasks

Apache HTTP Server

Intro to Apache Server
 Basic Architecture
 Configuration, HTTPD.conf configuration
 Monitoring
 Optimizing

Logging

Web Server and IAS Logging
 Severity Levels
 Finding Faults with Logs
 Log Analysis Tools

Security

HTTP Request-based Security
 Authentication-based Security Architecture.
 IP- and Domain-based Security
 Encryption & the Secure Socket Layer
 Intro to SSL

PL/SQL Gateway

Intro to the PL/SQL Gateway
 Installing
 Configuration
 PLSQL Web Toolkit
 Invoking Database Procedures
 Using PSP's

OID

What is LDAP?
 The Oracle Internet Directory
 Access the OID through ODM
 Using Delegated Administration Services (DAS)
 Using Bulk Command Line Tools with OID

Command Line Interfaces

Overview of OPMN
 OPMN Commands
 Overview of EMCTL
 EMCTL Commands
 Overview of DCMCTL
 DCMCTL Commands

Oracle Web Cache

What is Web Caching?
 Intro to Oracle Web Cache Architecture.
 Installation
 Concepts
 Setting up the cache
 Configuration
 Administration
 Monitoring

OC4J

Describing Oracle Containers for Java
 Configuring Java applications
 Monitoring Java applications
 Starting and stopping OC4J instances
 Using OPMN command line utility

Using Oracle Single Sign-On

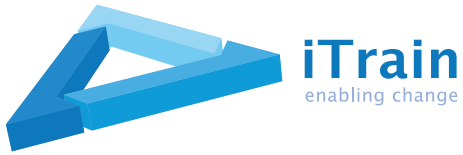
Setting up SSO
 Using SSO with Apache

Oracle Portal

Describing Portal technology,
 Installing Portal
 Using SSO with Portal

Oracle Forms

Describing Oracle Forms
 Server Architecture



COURSE OVERVIEWS

Finding Forms Server
configuration files
Editing files

Oracle Reports
Describing Oracle Reports
Server Architecture.
Finding Reports Server
configuration files.
Editing files

Oracle Discoverer
Describing Oracle Discoverer
Server Architecture.
Finding Discoverer Server
configuration files.
Editing files