Configuring and Deploying an Oracle ATG Web Commerce Site Rel 10.2

This Oracle Commerce training teaches you to plan and build your site using the Oracle ATG Web Commerce 10.2 platform. You will learn the skills required for configuring, deploying and maintaining your Commerce application.

This course is appropriate for on-premises deployments only.

Learn To

In this hands-on course, you will learn the core skills required by an ATG Administrator to design and implement a fully functioning ATG site. You will get to practice installing ATG, setting up required databases, configuring an ATG application for a production environment, and deploying staging, production and administration servers.

This course is appropriate for on-premises deployments only.

Learn To:

- Install the ATG platform.
- Design a site deployment topology.
- Set up ATG-required databases.
- Use the ATG Configuration and Installation Manager.
- Configure Commerce and Content Administration servers.
- Create a distributed clustered environment.
- Deploy a custom Web Commerce application.
- Configure external caching with Coherence.
- Use tools to test, monitor, and troubleshoot your site.

Benefits to You

Learn how to plan and design your production environment. Ensure a successful launch of your ATG Commerce Site. Become more efficient at supporting and maintaining your application.

Commerce Reference Store

Using CRS as the reference application, you will plan and build a typical site typology with management and production servers. Assemble and deploy your application to an Application Server and configure a distributed clustered environment.

ATG Administration

This course is intended to complement the *Establishing the ATG Content Administration Environment* course. Together these courses give the ATG Administrator the necessary tools to deploy a full ATG Commerce site. This course uses Oracle WebLogic Application Server but the concepts apply equally to all supported application servers.

Prerequisites

Audience

- Administrator
- Developer
- Network Administrator
- Systems Administrator

Course Objectives

- Design a multi-host site topology
- Deploy a custom Commerce application
- Set up ATG databases
- Prepare a site for launch
- Integrate ATG with a Java EE application server
- Monitor active site components
- Configure Commerce and Content Administration Servers

Course Topics

Getting Started with ATG

- The ATG Project Lifecycle
- ATG Concept Overview
- Installing ATG

Planning Your ATG Site

- Understanding ATG server types
- Planning server clusters
- Creating a site plan

Setting Up ATG Databases

- Installing required schemas
- Importing initial data
- Introduction to the Configuration and Installation Manager (CIM) tool

Configuring ATG Servers

- Using CIM
- Creating a server configuration folder
- Implementing your site plan

Configuring ATG Components

- Creating properties files
- Configuration layering
- Configuring a backup server lock manager

Assembling and Deploying a Commerce Application

- Java EE overview

- Assembling Enterprise Archives (EARs)
- Deploying EARS on Oracle WebLogic
- Starting ATG servers on WebLogic

Configuring a Distributed Site

- Configuring host specific ATG services
- Assembly options and standalone mode
- Using WebLogic Node Manager with ATG servers

Setting up a Cluster

- Understanding application server clustering
- Configuring session backup
- Setting up configuration groups

ATG and Coherence

- ATG and Coherence
- ATG Repository External Caching
- Configuring ATG as a Coherence Client

Asset Management

- Content Administration overview
- Setting up data sources for import
- Importing initial assets
- Defining an asset deployment topology

Monitoring, Testing and Deploying

- Using ATG Administration Console
- Using ATG monitoring and load testing tools
- Understanding log files and stack traces