Oracle iStore Made Simple

Written by Prasad Bhogle
Saturday, 10 May 2008 17:30

Summary:

Oracle iStore enables the creation and maintenance of high quality web stores which is based on Oracle Database with full integration

with Oracle E-Business Suite 11i. Since Oracle iStore has look and feel of a website, it allows easier collaboration with customers, suppliers,
distributors etc. Oracle iStore is fully integrated with Oracle Order Management. Oracle iStore use Java Server Pages (JSP) technologies
to implement web features. Using same product database based on Oracle inventory, Oracle iStore provides development of different
websites for different customers.

Oracle iStore Overview:

Oracle iStore consists of two distinct but integrated user interfaces viz. Administrative Application and Customer Application

Administrative Application is used for :

- Create Unlimited Number of Sites
- Setup Pricelists, Shipping Methods etc.
- Build Product Catalog using Oracle Inventory
- Change site look and Feel by selecting different Section Templates and Product Display Templates
- View and Configure Workflow notifications
- View Business and Operational Reports

Customer Application is full web based Shopping Application. It has various features viz.

- Online shopping and orders processed into Oracle Order Management
- Saves and Share Carts, Quotes etc
- Track Orders
- Cancel Orders
- Submit Return Orders
- Store and access user addresses and credit card data

Order iStore is an integrated part of E-Business Suite. It communicates with various Oracle EBS modules.

Oracle iStore Include following components:

- Business Objects- The schema for storing customer orders, product catalog and presentation element (IBE & ASO Database Schema)
- Runtime Services & APIs- These include PLSQL and Java based APIs which manipulate the Business Objects (Data)

- Configurable Customer Application Templates- All customer application menus and pages are customizable using logical template names
- Processing and Routing Templates- In combination with display templates, these templates contain logic and appropriate business flows
- Oracle BLAF (Browse Look And Feel) compliant user interface for Administrative and customer application

Mandatory Modules for Oracle iStore

Oracle Receivables: AR is need to acces Customer and related information viz. Customer Details, Calculate Taxes, Generates Invoices

Oracle General Ledger: GL is needed for providing Business Unit Information to iStore and setting up of Chart of Account , Calendar, Currencies and Business Unit

Oracle Human Resources: HR Stores information related to organization and needed for tasks like setting up of Business Group, Locations, Legal Entities, Operating Unit, Employees, Bill-To and Ship-To Countries

Oracle Inventory: Stores all products (also called as items in inventory terminology)

Oracle Order Management- iStore is can be called as WEB based Order Management for Order capture. iStore uses OM to track and process customer orders and shipping details. iStore uses Order Capture APIs and Schema to communicate with OM. OM is required include setting of System Parameters, Transaction Types, Workflows, Order Number sequence, defaulting rules, flag shipping methods as web enables, payment types

Oracle CRM Technology Foundation -This must be implemented in order for iStore to work properly.

Important Responsibilities

Following responsibilities are needed to implement Oracle iStore

- iStore Administrator - Required for Setup content, section, site, templates etc
- iStore Concurrent Program Administrator-Required for Execute concurrent programs for data refresh
- IBE_CUSTOMER :-Required for Placing Orders using iStore website
- CRM HTML Administrator (with all available ROLES):-Required for Setting business users and associate them to appropriate receivables account, Create Roles
- Application Developer:- Required for Setting message codes and message text
- Application Developer Common Modules (AK_DEVELOPER):-Setup regions, region

items/attributes used for Post Sales (Order Tracking)

Important Profiles

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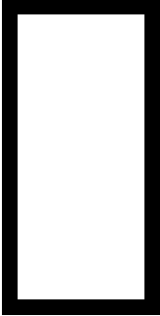
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