



**ITG-IBM-210**

**ITG WebSphere Commerce Administration 7.8**

# ITG Software Engineering

## Course Overview:

This 5 day course will cover the IBM Commerce architecture, supported system topologies, and the available editions. Attendees will learn system administration functions for installation, configuration, and on-going maintenance of the IBM WebSphere Commerce version 7 product.

## Prerequisites:

Database administration knowledge, Web Server administration skills along with XML and SQL knowledge

## Who Should Attend this course?

Those interested in managing an IBM Commerce environment.

## Topics:

• Commerce Introduction	• Basic Administration
• WebSphere Commerce Tools	• Administration Console (Part I)
• Administration Console (Part II)	• Organization Admin Console
• Managing Access Control Policies	• Account Policies
• Logging	• Deploying WebSphere Stores
• Database Maintenance	• Caching
• Caching Improvements	• Payments Administration (Part I)
• Payments Administration (Part II)	• Loading Utilities (Part I)
• Loading Utilities (Part II)	• Store Administration
• System Administration	• Advanced System Administration

# ITG Software Engineering

---

## DAY 01 MODULES: WebSphere Commerce 7.8 Administration

### ***Module 01: Introduction***

- Data Tools used in this course
- IBM Commerce overview
- Architecture overview
- WebSphere Commerce 7 administration changes

### ***Module 02: Basic Administration***

- Duties of an WebSphere Commerce Administrator
- Business Considerations
- WebSphere Commerce Organization Structure
- Installation & Configuration

### ***Module 03: WebSphere Commerce Tools***

- Configuration Manager
- Administration Console.
- Organization Administration Console
- Commerce Accelerator

### ***Module 04: Administration Console (Part I)***

- Business Auditing
- Opening the Administrative Console
- Enabling & Disabling Commerce Components
- Registry Manager

# ITG Software Engineering

---

## DAY 02 MODULES: WebSphere Commerce 7.8 Administration

### ***Module 05: Administration Console (Part II)***

- Overview
- Scheduler
- Transport Methods
- Message Types

### ***Module 06: Organization Administrative Console***

- Consumer Direct View
- B2B Direct View
- Demand Chain and Supply Chain View
- Organization Administration Console

### ***Module 07: Managing Organizations & Users (Part I)***

- WebSphere Commerce member subsystem
- Types of Organizations
- Types of Users
- Member Groups

### ***Module 08: Managing Organizations &Users (Part II)***

- Managing Organizations
- Managing Types
- Managing Groups

# ITG Software Engineering

---

## DAY 03 MODULES: WebSphere Commerce 7.8 Administration

### ***Module 09: Managing Access Control Policies***

- Actions, resources, and relationships
- Policy Groups
- Access Control Policies
- Access Control Structure

### ***Module 10: Account Policies***

- Administrate ring Password Policies
- Account Lockout Policies
- Resetting an Account
- Resetting a Site Administrator's Account

### ***Module 11: Logging***

- Configuring Logging
- Log File Publishing
- Application Server Logs
- Trace Components

### ***Module 12: Deploying WebSphere Commerce Stores***

- Publish a Customized starter store
- Application packaging
- Store assets deployment
- Composite and component store archives usage

# ITG Software Engineering

---

## DAY 04 MODULES: WebSphere Commerce 7.8 Administration

### **Module 13: Database Maintenance**

- Data maintenance Strategy
- Cleaning the Database
- Configuring the Database
- Staging Server

### **Module 14: Caching**

- Caching Techniques in WebSphere Commerce
- Caching Administration
- Cache Validation
- Data Cache

### **Module 15: Caching Improvements**

- Using Cache: Marketing performance improvements
- Using Cache: Functional performance improvements
- Using Cache: Store performance improvements
- Using Cache: Search Engine Optimization

### **Module 16: Payments Administration (Part I)**

- Payments Infrastructure
- Payment Shopping Flow
- WebSphere Commerce Payments Architecture
- Web Sphere Commerce Processing Flow

# ITG Software Engineering

---

## DAY 05 MODULES: WebSphere Commerce 7.8 Administration

### ***Module 17: Payments Administration (Part II)***

- WebSphere Commerce Payment Processing
- WebSphere Commerce Payments
- Configuring Payment Plug-Ins
- Payment Methods & Rules Configuration

### ***Module 18: Loading Utilities (Part I)***

- Data Input File Format
- Data Load Business Object Mediators
- Table Object Builder and Table Object Mediator
- The File Difference Preprocessor

### ***Module 19: Loading Utilities (Part II)***

- The Data Load Utility
- Configuring the Data Load Utility
- Running the Data Load Utility
- Web Feed Utility

### ***Module 20: Store Administration***

- Mobile Commerce Store Administration
- Mobile Commerce SMS Messaging Administration
- Precision Marketing Store Administration
- Configuring Social Commerce

### ***Module 21: System Administration***

- Search Administration & Configuration
- Performance Tuning
- Troubleshooting