# IBM WebSphere Commerce v7 System Administration

## Course Summary

### Description

In this course, students learn the skills required for ongoing operations and maintenance of IBM WebSphere Commerce v7. The course begins by explaining how to install, configure, and administer WebSphere Commerce, and continues to topics such as deploying WebSphere Commerce stores, troubleshooting, security, ongoing maintenance, and performance tuning. Students also learn how to administer new and unique features of IBM WebSphere Commerce v7 and its associated feature packs, including installing mobile and social commerce features, search engine optimization, working with add-on features, and administering the payment infrastructure.

Hands-on lab exercises throughout the course allow students to practice the key tasks involved in administering an IBM WebSphere Commerce v7 installation. The exercises cover skills such as installing and configuring WebSphere Commerce, installing and configuring fix packs and feature packs, publishing a customized starter store, using log files to troubleshoot problems, managing access control policies, configuring the messaging infrastructure, publishing social and mobile commerce features, and configuring payment components

### Objectives

At the end of this course, students will be able to:

- Describe the functions and features of IBM WebSphere Commerce v7
- Install and configure IBM WebSphere Commerce v7
- Install and configure IBM WebSphere Commerce fix packs and feature packs
- Publish starter stores for the IBM WebSphere Commerce v7 business models
- Manage organizations and users within the various business models
- Deploy customizations and updates using WebSphere Application Server
- Configure caching of store pages, including edge server caching
- Configure security for an IBM WebSphere Commerce site
- Configure logging and perform basic troubleshooting
- Install and configure the functions and features of mobile and social commerce
- Administer the functions and features of the IBM Sales Center for WebSphere Commerce
- Administer the functions and features of the IBM Gift Center for WebSphere Commerce

### Topics

- Course introduction
- Installing and configuring WebSphere Commerce
- Exercise: Configuring WebSphere Commerce v7 and installing fix packs and feature packs
- Administering WebSphere Commerce
- Exercise: Publishing a sample store
- Deploying WebSphere Commerce stores
- Exercise: Publishing a customized starter store
- Troubleshooting and performance monitoring
- Exercise: Troubleshooting log files
- Managing organizations and users
- Exercise: Managing access control policies
- Web services and the messaging infrastructure

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically

# IBM WebSphere Commerce v7 System Administration

## Course Summary (cont'd)

- Exercise: Configuring the job scheduler and messaging infrastructure
- The loader utility and updating WebSphere Commerce stores
- Exercise: Updating WebSphere Commerce stores
- Ongoing maintenance
- Exercise: Maintaining a WebSphere Commerce store
- Security
- Exercise: Establishing security in a WebSphere Commerce site
- Performance
- Search engine optimization
- Exercise: Optimizing a store for search engines
- Installing and configuring mobile and social commerce features
- Exercise: Installing and configuring mobile and social commerce features
- Administering add-on features
- Exercise: Administering add-on features
- Administering the payment infrastructure
- Exercise: Configuring the payment infrastructure
- Course summary

**Audience**

This course is designed for administrators of IBM WebSphere Commerce v7.

**Prerequisites**

Students should have successfully complete course IBM WebSphere Commerce v7 Foundation (ZC700) or have equivalent experience with WebSphere Commerce

They should also have the following skills:

- Basic database administration
- Basic web server administration
- Basic WebSphere Application Server administration
- Extensible Markup Language (XML)
- SQL

**Duration**

Five days

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically