IBM Software Group

WebSphere Commerce V6.0 Feature Pack 5

Installation and feature enablement

@business on demand.
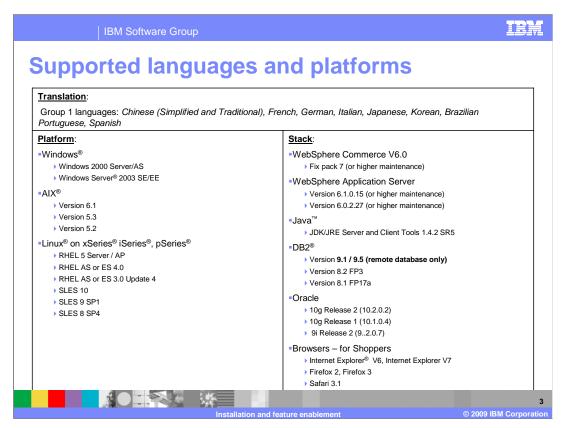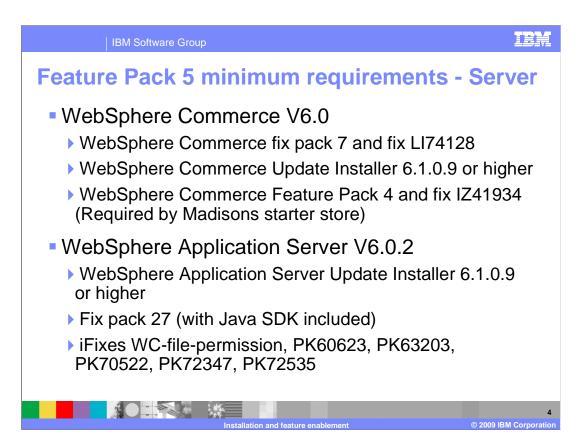
This presentation provides an overview of WebSphere® Commerce feature pack 5 installation.

Agenda

- Supported languages, platforms and software

- Minimum requirements for installation

- Installing Feature Pack 5

- Features in Feature Pack 5

- Publishing Madisons starter store

- Enabling DOM integration

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The presentation first introduces the languages, platforms and software supported in feature pack 5 followed by the minimum requirements for installation. It also covers feature pack 5 installation and the features included when you install. Finally, this presentation provides some high level steps for publishing the Madisons starter store and enabling DOM integration for the store.

Supported languages and platforms

Translation:

Group 1 languages: *Chinese (Simplified and Traditional), French, German, Italian, Japanese, Korean, Brazilian Portuguese, Spanish*

Platform:

- Windows®
  - Windows 2000 Server/AS
  - Windows Server® 2003 SE/EE
- AIX®
  - Version 6.1
  - Version 5.3
  - Version 5.2
- Linux® on xSeries® iSeries®, pSeries®
  - RHEL 5 Server / AP
  - RHEL AS or ES 4.0
  - RHEL AS or ES 3.0 Update 4
  - SLES 10
  - SLES 9 SP1
  - SLES 8 SP4

Stack:

- WebSphere Commerce V6.0
  - Fix pack 7 (or higher maintenance)
- WebSphere Application Server
  - Version 6.1.0.15 (or higher maintenance)
  - Version 6.0.2.27 (or higher maintenance)
- Java™
  - JDK/JRE Server and Client Tools 1.4.2 SR5
- DB2®
  - **Version 9.1 / 9.5 (remote database only)**
  - Version 8.2 FP3
  - Version 8.1 FP17a
- Oracle
  - 10g Release 2 (10.2.0.2)
  - 10g Release 1 (10.1.0.4)
  - 9i Release 2 (9..2.0.7)
- Browsers – for Shoppers
  - Internet Explorer® V6, Internet Explorer V7
  - Firefox 2, Firefox 3
  - Safari 3.1

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All feature pack 5 supported languages, platforms and software stacks are shown here. Note that Solaris, i5/OS®, and Linux zSeries® are not supported.

Feature Pack 5 minimum requirements - Server

- WebSphere Commerce V6.0
  - WebSphere Commerce fix pack 7 and fix LI74128
  - WebSphere Commerce Update Installer 6.1.0.9 or higher
  - WebSphere Commerce Feature Pack 4 and fix IZ41934 (Required by Madisons starter store)

- WebSphere Application Server V6.0.2
  - WebSphere Application Server Update Installer 6.1.0.9 or higher
  - Fix pack 27 (with Java SDK included)
  - iFixes WC-file-permission, PK60623, PK63203, PK70522, PK72347, PK72535

The minimum product level requirements before installing feature pack 5 on WebSphere Commerce Server are listed here.

You must have WebSphere Commerce Server V6.0 installed.

You must install fix pack 7 and fix LI74128 using update installer level 6.1. Fix LI74128 contains fixes required by feature pack 5 on top of WebSphere Commerce V6.0 and fix pack 7.

If you want to use the Madisons starter store, you also need to install feature pack 4 and fix IZ41934. Fix IZ41934 contains Management Center fixes required by feature pack 5 on top of feature pack 4. WebSphere Commerce Management Center, shipped in feature pack 4, is used to manage e-Marketing spots. You must use the WebSphere Commerce Management Center to associate Web activities with e-Marketing spots in order to display the Web activities on Madisons starter store pages.
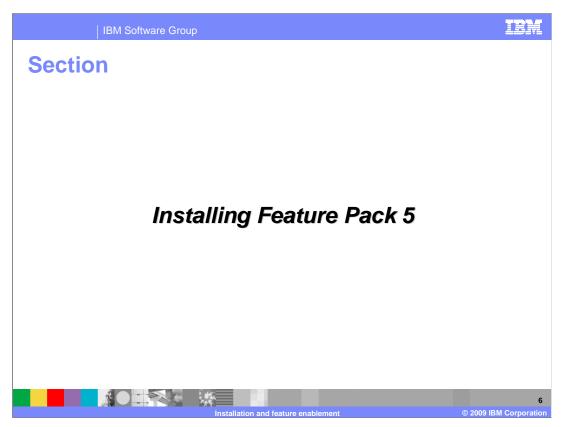
The WebSphere Application Server must be updated to level 6.0.2, fix pack 27 with required ifixes listed in the slide.
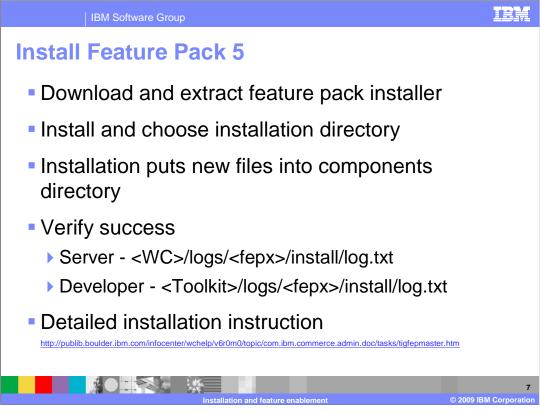
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Feature Pack 5 minimum requirements – Developer

- WebSphere Commerce Developer V6.0
  - ▶ WebSphere Commerce fix pack 7, fix LI74128
  - ▶ WebSphere Commerce Update Installer 6.1.0.9 or higher
  - ▶ WebSphere Commerce Feature Pack 4 and fix IZ41934 (Required by Madisons starter store)

- WebSphere Application Server test environment 6.0.2
  - ▶ Fix pack 27 or higher (with Java SDK included)
  - ▶ **iFix** WC-file-permission, PK60623, PK63203, PK70522, PK72347, PK72535

- Rational® Software Developer V6.0
  - ▶ Fix pack 6.0.1.1
  - ▶ Interim fixes 001, 002 or above

The minimum product level requirements for installing feature pack 5 on WebSphere Commerce Developer are listed here. You must have WebSphere Commerce Developer V6.0 installed. You must install fix pack 7 by using WebSphere Commerce Update Installer level 6.1.

If you plan to use the Madisons starter store, you also need to install feature pack 4 and fix IZ41934.

The minimum requirements for WebSphere Application Server test environment and Rational Software Developer are also listed here.

Section

Installing Feature Pack 5

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This section provides an overview of feature pack 5 installation.

Install Feature Pack 5

- Download and extract feature pack installer

- Install and choose installation directory

- Installation puts new files into components directory

- Verify success
  - Server - <WC>/logs/<fepx>/install/log.txt
  - Developer - <Toolkit>/logs/<fepx>/install/log.txt

- Detailed installation instruction
  http://publib.boulder.ibm.com/infocenter/wchelp/v6r0m0/topic/com.ibm.commerce.admin.doc/tasks/tigfepmaster.htm

This slide shows the high level steps required to install feature pack 5 on WebSphere Commerce Server or Developer.

Download and extract the feature pack installer.

Run the installer and choose the directory where WebSphere Commerce Server or Developer is installed.

Upon completion, you can find the new files and directories under the components directory.

Verify installation was successful by looking at the installation log files.

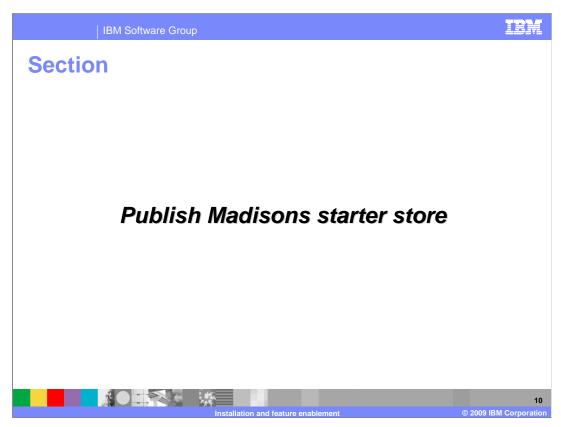For detailed installation instructions, you can go to the link shown at the bottom of the slide.

Section

Features in Feature Pack 5

This section introduces the features included in feature pack 5.

Features included in Feature Pack 5

- component-services

- dom-integration (which will also enable component-services)

- jca4webservices

- madisons-starterstore (which enables component-services and management-center)

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The four features that can be enabled in feature pack 5 are shown here.

If you want to use the Madisons starter store, you need to enable the madisons-starterstore feature. Enabling the madisons-starterstore feature automatically enables the component-services and management-center features. You also need to publish the Madisons starter store from the WebSphere Commerce administration console before you can use it.

If you want to enable DOM integration on the Madisons starter store, you need to enable the dom-integration and jca4webservices features. The jca4webservies feature allows WebSphere Commerce to make outbound service calls to the DOM. If you have feature pack 2 installed and have jca4webservices enabled already, you do not need to enable it again.
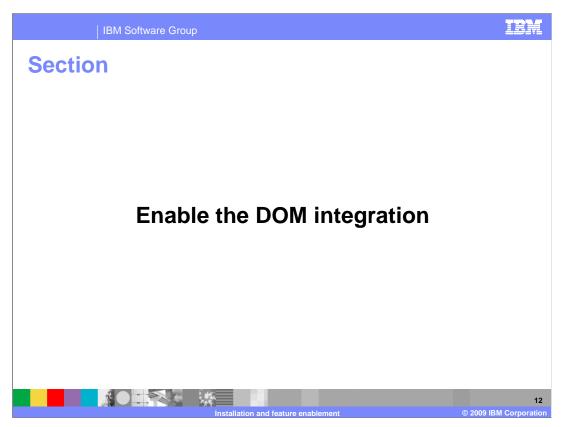
Section

Publish Madisons starter store

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This section introduces Madisons starter store publishing.

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Publish Madisons starter store

- Features need to be enabled before publishing Madisons starter store
  - ▸ madisons-starterstore
  - ▸ dom-integration (Required for DOM integration only)
  - ▸ jca4webservices (Required for DOM integration only)
- Publish Madisons starter store from WebSphere Commerce Administration Console
  - ▸ Same as publishing other starter stores

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Before you can publish the Madisons starter store, you need to enable the madisons-starterstore feature.
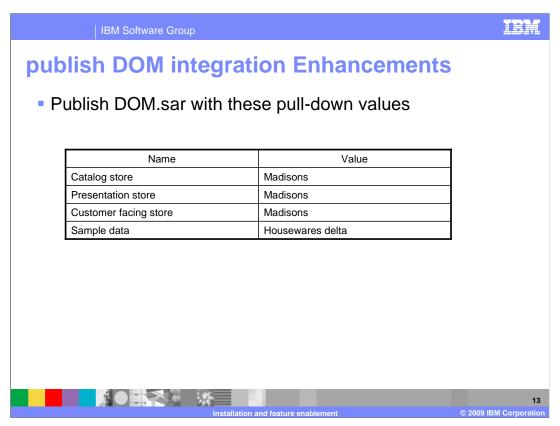
The Management Center feature is a prerequisite for the Madisons starter store feature. If the management-center feature has not been enabled, it is enabled when you enable the madisons-starterstore feature.

If you want to enable DOM integration on top of the Madisons starter store, you also need to enable the dom-integration and jca4webservices features. The jca4webservies feature is used by the Madisons starter store to make the outbound Web services calls to the DOM system.
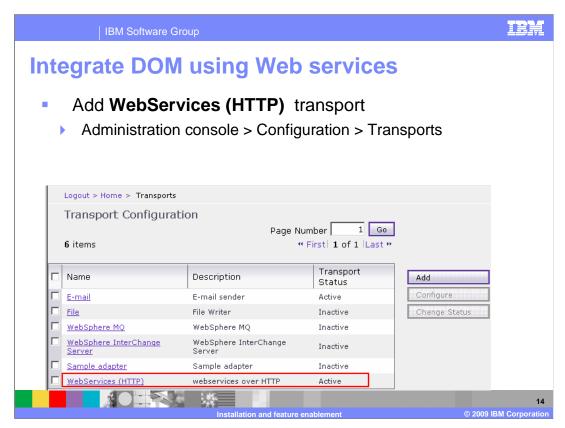
Before you can use the Madisons starter store, you need to publish it using the WebSphere Commerce administration console.

Section

Enable the DOM integration

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This section covers high level steps for enabling DOM integration

publish DOM integration Enhancements

- Publish DOM.sar with these pull-down values

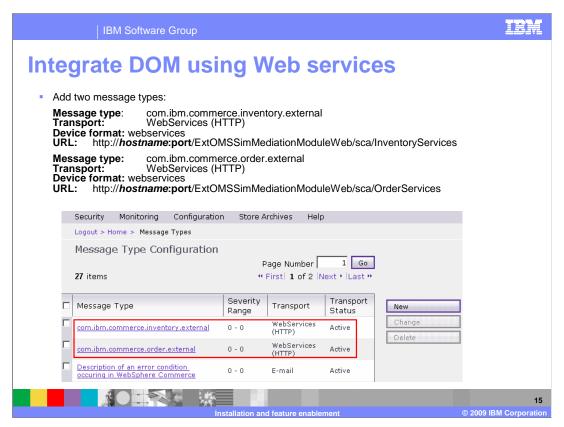| Name	Value
Catalog store	Madisons
Presentation store	Madisons
Customer facing store	Madisons
Sample data	Housewares delta

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DOM.sar is a store archive containing the starter store assets for the DOM integration feature. It is an extension to the Madisons starter store that becomes available after you enable the DOM-integration feature. Make sure you use the name value pairs shown here to publish the store.

Integrate DOM using Web services

- Add **WebServices (HTTP)** transport
  - Administration console > Configuration > Transports

Logout > Home > Transports

Transport Configuration

Page Number [1] Go

6 items ◀ First| **1** of 1 |Last ▶

	Name	Description	Transport Status
☐	E-mail	E-mail sender	Active
☐	File	File Writer	Inactive
☐	WebSphere MQ	WebSphere MQ	Inactive
☐	WebSphere InterChange Server	WebSphere InterChange Server	Inactive
☐	Sample adapter	Sample adapter	Inactive
☐	WebServices (HTTP)	webservices over HTTP	Active

Add
Configure
Change Status

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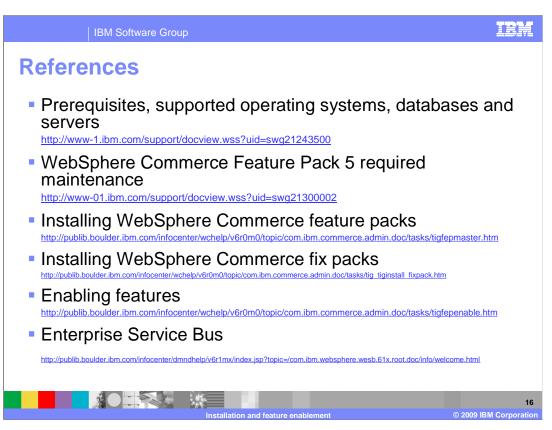Installation and feature enablement © 2009 IBM Corporation

A new transport needs to be enabled so that the Madisons starter store can send Web services requests to the distributed order management system.
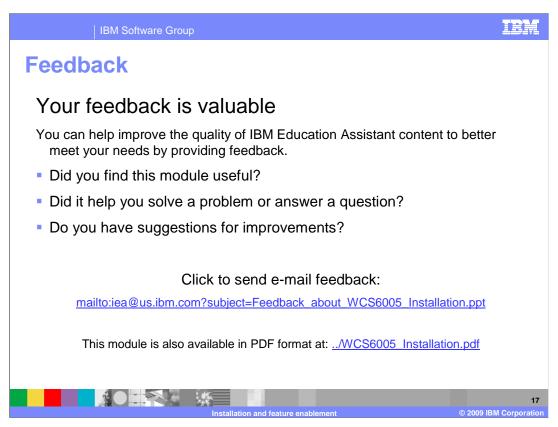
Use the WebSphere Commerce administration console to add the **WebServices (HTTP)** transport.

Integrate DOM using Web services

- Add two message types:

Message type: com.ibm.commerce.inventory.external
Transport: WebServices (HTTP)
Device format: webservices
URL: http://***hostname*:port**/ExtOMSSimMediationModuleWeb/sca/InventoryServices

Message type: com.ibm.commerce.order.external
Transport: WebServices (HTTP)
Device format: webservices
URL: http://***hostname*:port**/ExtOMSSimMediationModuleWeb/sca/OrderServices

Security   Monitoring   Configuration   Store Archives   Help

Logout > Home > Message Types

Message Type Configuration

Page Number [1] [Go]

27 items   ‹‹ First| **1** of 2 |Next ‣ |Last ››

☐	Message Type	Severity Range	Transport	Transport Status	
☐	com.ibm.commerce.inventory.external	0 - 0	WebServices (HTTP)	Active	[New]
☐	com.ibm.commerce.order.external	0 - 0	WebServices (HTTP)	Active	[Change]
☐	Description of an error condition occuring in WebSphere Commerce	0 - 0	E-mail	Active	[Delete]

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Before the Madisons starter store can send outbound Web services requests to the DOM system, you also need to add the two message types shown here. The **hostname** variable in the URL is the host name to send the message to. This is typically an enterprise service bus mediator but can also be the DOM system itself.

References

- Prerequisites, supported operating systems, databases and servers
  http://www-1.ibm.com/support/docview.wss?uid=swg21243500

- WebSphere Commerce Feature Pack 5 required maintenance
  http://www-01.ibm.com/support/docview.wss?uid=swg21300002

- Installing WebSphere Commerce feature packs
  http://publib.boulder.ibm.com/infocenter/wchelp/v6r0m0/topic/com.ibm.commerce.admin.doc/tasks/tigfepmaster.htm

- Installing WebSphere Commerce fix packs
  http://publib.boulder.ibm.com/infocenter/wchelp/v6r0m0/topic/com.ibm.commerce.admin.doc/tasks/tig_tiginstall_fixpack.htm

- Enabling features
  http://publib.boulder.ibm.com/infocenter/wchelp/v6r0m0/topic/com.ibm.commerce.admin.doc/tasks/tigfepenable.htm

- Enterprise Service Bus

  http://publib.boulder.ibm.com/infocenter/dmndhelp/v6r1mx/index.jsp?topic=/com.ibm.websphere.wesb.61x.root.doc/info/welcome.html

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