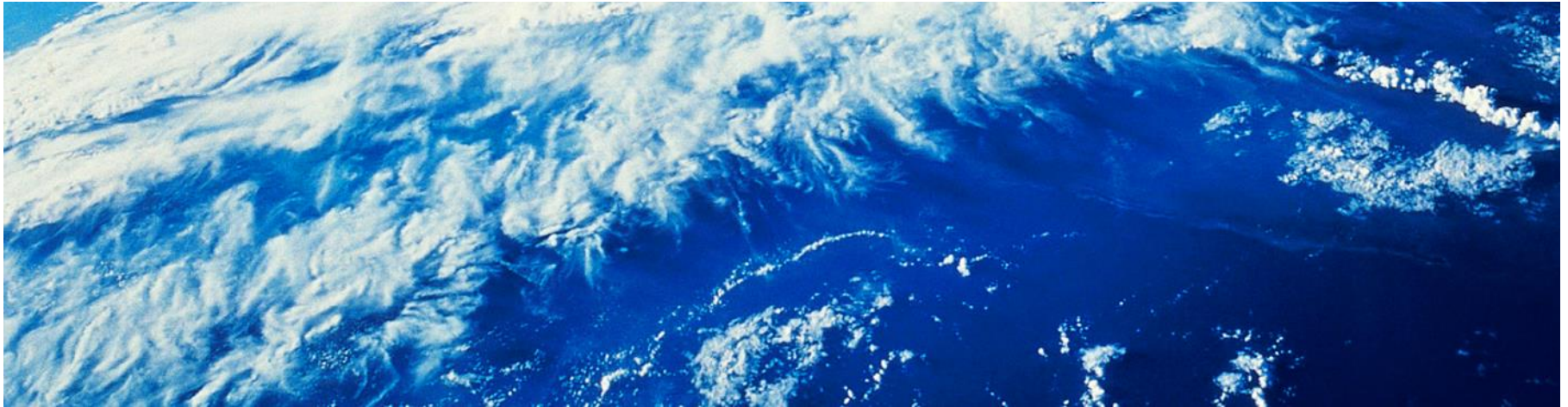


# IBM WebSphere Commerce V8.0

## Stack and Licensing Changes



# Agenda

- Stack Changes
  - Runtime
  - Toolkit
- Licensing Changes
- Change to supported platforms
- Removed features
- Edition Changes

# Stack Changes



WebSphere® software



- New runtime stack (versions are minimum supported for V8.0)
  - WebSphere Application Server 8.5.5
  - DB2 10.5.0.1
  - Oracle 12.1.0.2.0 (not included)
  - Java 7.0
  - IBM Directory Server 6.4
  - Apache Solr 4.10.3
  - Dojo 1.8.7
  - Rational Application Developer 9.5 (for developer editions)
  - IBM Tealeaf Customer Experience V9.0 (for testing only)



IBM® Rational® software



- WebSphere Commerce V8.0 is using the full profile of WebSphere Application Server
- Rational Application Developer can be installed with both the full and the developer editions (WebSphere Test Environment – WTE) of WebSphere Application Server
  - The WTE is included with WebSphere Commerce Developer
- As with previous versions of WebSphere Commerce, all prerequisite IBM software in the stack is included on the media and is licensed for use with WebSphere Commerce

## Platform support

- Summary of supported operating systems (link in footer for specific versions and editions):
  - AIX 6.1
  - Red Hat Enterprise Linux 7.1
  - SUSE Linux Enterprise Server 12
  - Microsoft Windows Server 2012 R2 (Datacenter and Standard Editions)
    - *Note: Earlier versions of this slide claimed support for Microsoft Windows Server 2008. This was an error. As always, use the Software Compatibility Reports page to check compatibility before planning an installation.*
- In version 8.0, we no longer support any of the following platforms:
  - No 32-bit platforms
  - Solaris
  - Linux on System z
  - IBM i
- Note that since the minimum requirements to OS levels is higher for some operating systems, a migration project may involve upgrades of server operating systems
  - Verify the support for the V7 stack on these servers before upgrading if planning a co-existence migration

# Getting details on supported OS and software

- Use the links in the Knowledge Center

The screenshot displays the IBM Knowledge Center interface. The top navigation bar includes the IBM logo, the text 'IBM Knowledge Center', and a language dropdown set to 'English'. A search bar is located below the navigation bar. Search filters are shown as 'WebSphere Commerce 8.0.0' with a close button, 'Auto-select' with a checked box, and 'Clear All' and 'Add Products...' links.

The main content area is divided into a left sidebar and a main pane. The sidebar contains a 'Table of Contents' with a tree view of topics. The main pane shows a breadcrumb trail: 'WebSphere Commerce 8.0.0 > Installing > Installing WebSphere Commerce > Preparing to install WebSphere Commerce > Hardware, software, and operating system requirements'. The main heading is 'Hardware, software, and operating system requirements'. Below the heading, there is a paragraph: 'Verify hardware, software, and operating system requirements for your WebSphere Commerce edition.' This is followed by two bullet points:
 

- Professional: [Generate a Software Product Compatibility Reports for WebSphere Commerce Professional Version 8.](#)
- Enterprise: [Generate a Software Product Compatibility Reports for WebSphere Commerce Enterprise Version 8.](#)

A second, partially visible screenshot on the right shows a similar page for 'WebSphere Commerce Developer'. Its breadcrumb trail is: 'WebSphere Commerce Developer > Installing WebSphere Commerce Developer prerequisites > Verify hardware, software, and operating system requirements for IBM WebSphere Commerce Developer'. The main heading is 'Developer Verify hardware, software, and operating system requirements'. Below the heading, there is a paragraph: 'Verify hardware, software, and operating system requirements for your IBM WebSphere Commerce Developer edition.' This is followed by two bullet points:
 

- Professional: [Verify hardware, software, and operating system requirements for WebSphere Commerce Developer Professional Version 8.0.0](#)
- Enterprise: [Verify hardware, software, and operating system requirements for WebSphere Commerce Developer Enterprise Version 8.0.0](#)

 Below the bullet points, there is a 'Related tasks' section with three links:
 

- [Installing Rational Application Developer or Rational Software Architect Version 9.5](#)
- [Installing and preparing WebSphere Application Server](#)

## Getting details on supported OS and software

- Points to the Software Product Compatibility Reports site:

The screenshot shows the IBM Software Product Compatibility Reports interface. At the top, the IBM logo is visible. Below it, the page title is "Software Product Compatibility Reports". The main content area displays the product name "WebSphere Commerce Enterprise 8.0" and the section "Detailed System Requirements". A yellow bar highlights the "Report filters" section. Below this, there are two columns: "Available Reports" with a dropdown menu set to "8.0 initial version", and "Utilities" with links for "Regenerate Anytime", "Download PDF", "Print", and "Provide feedback". At the bottom, a navigation bar contains tabs for "Operating Systems", "Hypervisors", "Prerequisites", "Supported Software", "Hardware", and "Packaging List".

Software Product Compatibility Reports

Product  
**WebSphere Commerce Enterprise 8.0**  
Detailed System Requirements

► Report filters

Available Reports  
8.0 initial version ▼

Utilities  
Regenerate Anytime Download PDF  
Print Provide feedback

Operating Systems Hypervisors Prerequisites Supported Software Hardware Packaging List

# Getting details on supported OS and software

- Details on Operating System Support:

**Software Product Compatibility Reports**

Product: **WebSphere Commerce Enterprise 8.0**

Detailed System Requirements

Report filters

Available Reports: 8.0 initial version

Utilities: Regenerate Anytime, Download PDF, Provide feedback, Print

Notes: Data as of 2015-12-02 02:35:20 EST, Disclaimers, New Design!, View new features

Operating System | Hypervisors | Prerequisites | Supported Software | Hardware | Packaging List

↓ AIX | ↓ Linux | ↓ Windows

### AIX

Operating System	Operating System Minimum	Hardware	Bitness	Product/Minimum	Components	Notes	Details
AIX 7.1	TL3	POWER System - Big Endian	64-Bit/32	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	<a href="#">View</a>

↑ AIX | ↓ Linux | ↓ Windows | ↑ Back to top

### Linux

Operating System	Operating System Minimum	Hardware	Bitness	Product/Minimum	Components	Notes	Details
Red Hat Enterprise Linux (RHEL) Server 7.1	Base	POWER System - Big Endian	64-Bit/32	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	<a href="#">View</a>
Red Hat Enterprise Linux (RHEL) Server 7.1	Base	x86-64	64-Bit/32	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	<a href="#">View</a>
SUSE Linux Enterprise Server (SLES) 11	SP4	POWER System - Big Endian	64-Bit/32	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	<a href="#">View</a>
SUSE Linux Enterprise Server (SLES) 12	Base	x86-64	64-Bit/32	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	<a href="#">View</a>

↑ AIX | ↑ Linux | ↓ Windows | ↑ Back to top

### Windows

Operating System	Operating System Minimum	Hardware	Bitness	Product/Minimum	Components	Notes	Details
Windows Server 2012 R2 Datacenter Edition	Base	x86-64	64-Bit/32	8.0	<input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	<a href="#">View</a>
Windows Server 2012 R2 Standard Edition	Base	x86-64	64-Bit/32	8.0	<input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	<a href="#">View</a>

↑ AIX | ↑ Linux | ↑ Windows | ↑ Back to top

# Getting details on supported OS and software

- Details on Hypervisor Support:

The screenshot displays the IBM Software Product Compatibility Reports interface for WebSphere Commerce Enterprise 8.0. The page is titled "Software Product Compatibility Reports" and shows "Detailed System Requirements" for the product. A "Report filters" section is visible, along with "Available Reports" set to "8.0 initial version". Utilities include "Regenerate Anytime", "Download PDF", "Print", and "Provide feedback". Notes indicate the data is as of 2015-12-02 02:35:20 EST, with links for "Disclaimers", "New Design!", and "View new features".

The main content area has tabs for "Operating Systems", "Hypervisors", "Prerequisites", "Supported Software", "Hardware", and "Packaging List". The "Hypervisors" tab is active, showing a table of supported hypervisors for AIX and Linux. A note states: "This page is categorized by guest OS platforms and not host OS platforms." A filter is applied to the AIX section.

Hypervisor	Product Minimum	Components	Guest Operating System Restriction	Notes	Details
IBM PowerVM Hypervisor (LPAR, DPAR, Micro-Partition) any supported version	8.0	○ ● ○	None	(1)	<a href="#">View</a>

Footnote (1): Refer to Server Virtualization Policy for IBM Software to get more details on virtualization support. [http://www.ibm.com/software/supp/virtualization\\_policy.html](http://www.ibm.com/software/supp/virtualization_policy.html) [Show in context](#)

The Linux section also shows a table of supported hypervisors:

Hypervisor	Product Minimum	Components	Guest Operating System Restriction	Notes	Details
IBM PowerVM Hypervisor (LPAR, DPAR, Micro-Partition) any supported version	8.0	○ ● ○	None	(1)	<a href="#">View</a>
KVM in SUSE Linux Enterprise Server (SLES) 12	8.0	○ ● ○	None	(1)	<a href="#">View</a>
Microsoft Hyper-V Server 2012 R2	8.0	○ ● ○	None	(1)	<a href="#">View</a>
Red Hat KVM as delivered with Red Hat Enterprise Linux (RHEL) and its RHEV equivalent 7.0	8.0	○ ● ○	None	(1)	<a href="#">View</a>
VMware ESX/ES5	8.0	○ ● ○	None	(1)	<a href="#">View</a>



# Getting details on supported OS and software

- Details on Prerequisites:

IBM
Software Product Compatibility Reports

Product  
**WebSphere Commerce Enterprise 8.0**

Detailed System Requirements

Report filters

Available Reports: 8.0 initial version

Utilities: [Regenerate Anytime](#), [Print](#), [Download PDF](#), [Provide feedback](#)

Notes: Data as of 2015-12-02 02:35:20 EST  
[Disclaimers](#)  
[New Design!](#)  
[View new features](#)

Operating Systems | **Prerequisites** | Supported Software | Hardware | Packaging List

Show notes | Hide notes

Application Servers | Databases | Java | Web Browsers | Web Servers

### Application Servers

Prerequisite	Version	Prerequisite Minimum	Product Minimum	Components	Operating System Restrictions?	Notes	Details
WebSphere Application Server Network Deployment	8.5.5	8.5.5.7	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	No	<a href="#">View</a>
WebSphere eXtreme Scale	8.6	8.6.0.8	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	No	<a href="#">View</a>

Application Servers | Databases | Java | Web Browsers | Web Servers | [Back to top](#)

### Databases

Prerequisite	Version	Prerequisite Minimum	Product Minimum	Components	Operating System Restrictions?	Notes	Details
DB2 Advanced Enterprise Server Edition	10.5	10.5.0.5	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	No	<a href="#">View</a>
DB2 Enterprise Server Edition	10.5	10.5.0.5	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	No	<a href="#">View</a>
Oracle Database 12c Release 1	(12.1.0.2.0) Enterprise Edition and future fix packs	(12.1.0.2.0) Enterprise Edition	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	No	<a href="#">View</a>
	(12.1.0.2.0) Standard Edition and future fix packs	(12.1.0.2.0) Standard Edition	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	No	<a href="#">View</a>
Oracle Real Application Clusters	(Oracle 12c Release 1) and future fix packs	(Oracle 12c Release 1)	8.0	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	No	No	<a href="#">View</a>

Application Servers | **Databases** | Java | Web Browsers | Web Servers | [Back to top](#)

# Getting details on supported OS and software

- Details on Supported Software:

IBM
Software Product Compatibility Reports

Product  
**WebSphere Commerce Enterprise 8.0**

Detailed System Requirements

▶ Report filters

Available Reports

8.0 initial version ▼

Utilities

[Regenerate Anytime](#)

[Print](#)

[Download PDF](#)

[Provide feedback](#)

Notes

Data as of 2015-12-02 02:35:20 EST

[Disclaimers](#)

[New Design!](#)

[View new features](#)

Operating Systems
Hyponitors
Prerequisites
Supported Software
Hardware
Packaging List

[Application Servers](#)
[Content Servers](#)
[Development Tools](#)
[Integrated Application Platform](#)
[LDAP Servers](#)
[Message Oriented Middleware](#)

### Application Servers

Filter

Supported Software	Version	Prerequisite Minimum	Product Minimum	Components	Operating System Restrictions?	Notes	Details
WebSphere eXtreme Scale	8.6	8.6.0.8	8.0	<span style="color: #000080;">○</span> <span style="color: #000080;">●</span> <span style="color: #000080;">○</span>	No	No	<a href="#">View</a>

[Application Servers](#)
[Content Servers](#)
[Development Tools](#)
[Integrated Application Platform](#)
[LDAP Servers](#)
[Message Oriented Middleware](#)
[Back to top](#)

### Content Servers

Filter

Supported Software	Version	Prerequisite Minimum	Product Minimum	Components	Operating System Restrictions?	Notes	Details
IBM Web Content Manager	8.5 and future fix packs	8.5	8.0	<span style="color: #000080;">○</span> <span style="color: #000080;">●</span> <span style="color: #000080;">○</span>	No	No	<a href="#">View</a>

[Application Servers](#)
[Content Servers](#)
[Development Tools](#)
[Integrated Application Platform](#)
[LDAP Servers](#)
[Message Oriented Middleware](#)
[Back to top](#)

### Development Tools

Filter

Supported Software	Version	Prerequisite Minimum	Product Minimum	Components	Operating System Restrictions?	Notes	Details
Rational Application Developer for WebSphere Software	9.5 and future fix packs	9.5	8.0	<span style="color: #000080;">○</span> <span style="color: #000080;">●</span> <span style="color: #000080;">○</span>	No	No	<a href="#">View</a>
Rational Software Architect for WebSphere Software	9.5 and future fix packs	9.5	8.0	<span style="color: #000080;">○</span> <span style="color: #000080;">●</span> <span style="color: #000080;">○</span>	No	No	<a href="#">View</a>
WebSphere Commerce Developer Enterprise	8.0 and future fix packs	8.0	8.0	<span style="color: #000080;">○</span> <span style="color: #000080;">●</span> <span style="color: #000080;">○</span>	No	No	<a href="#">View</a>

# Getting details on supported OS and software

- Details on Supported Hardware:

The screenshot displays the IBM Software Product Compatibility Reports interface for WebSphere Commerce Enterprise 8.0. The page is titled "Detailed System Requirements" and includes a "Report filters" section. Under "Available Reports", the "8.0 initial version" is selected. Utility buttons include "Regenerate Anytime", "Download PDF", "Print", and "Provide feedback". A "Notes" section shows the report date as 2015-12-02 02:35:20 EST, with links for "Disclaimers", "New Design!", and "View new features".

The "Hardware" tab is active, showing a table of requirements for the AIX operating system. The table has four columns: Hardware, Components, Requirement, and Applicable Operating System.

Hardware	Components	Requirement	Applicable Operating System
Device Adapters	<ul style="list-style-type: none"> <li>Server</li> <li>- Database server</li> <li>- Web server</li> <li>- WebSphere Commerce search server</li> <li>- WebSphere Commerce server</li> </ul>	<p><b>Requirements for WebSphere Commerce Production Environment</b></p> <p>Production requirements vary widely depending on many factors associated with the creation and use of your Web site. Factors such as features deployed, workload on the system, and single-tier or multi-tier deployments will affect hardware requirements. Contact your IBM representative to help determine your specific requirements for Disk space, Memory, and Processor.</p> <p><b>Minimum Requirements for WebSphere Commerce</b></p> <p>The following are minimum requirements to install and operate WebSphere Commerce on a single-tier, non-production test environment.</p>	All supported AIX operating systems
Disk Space	<ul style="list-style-type: none"> <li>Server</li> <li>- Database server</li> <li>- Web server</li> <li>- WebSphere Commerce search server</li> <li>- WebSphere Commerce server</li> </ul>	Diskspace - 50 GB	All supported AIX operating systems
Display	<ul style="list-style-type: none"> <li>Server</li> <li>- Database server</li> <li>- Web server</li> <li>- WebSphere Commerce search server</li> <li>- WebSphere Commerce server</li> </ul>	Display - Graphics capable monitor with a colour depth of at least 1286 colours	All supported AIX operating systems
Media (CD, DVD) Drives	<ul style="list-style-type: none"> <li>Server</li> <li>- Database server</li> <li>- Web server</li> <li>- WebSphere Commerce search server</li> <li>- WebSphere Commerce server</li> </ul>	Media - DVD-ROM	All supported AIX operating systems
Memory	<ul style="list-style-type: none"> <li>Server</li> <li>- Database server</li> <li>- Web server</li> </ul>	Memory - 4 GB	All supported AIX operating systems

# Getting details on supported OS and software

- Packaged Software:

Software Product Compatibility Reports

Product  
**WebSphere Commerce Enterprise 8.0**

Detailed System Requirements

▶ Report filters

**Available Reports**

8.0 initial version ▼

Utilities

[Regenerate Anytime](#) [Download PDF](#)

[Print](#) [Provide feedback](#)

Notes

Data as of 2015-12-02 02:35:20 EST

[Disclaimers](#)

**New Design!**

[View new features](#)

Operating Systems    Hypenisors    Prerequisites    **Supported Software**    Hardware    **Packaging List**

The Packaging List section describes the software products that are provided with WebSphere Commerce Enterprise 8.0.

Show notes | Hide notes

**Co-packaged Software** ⓘ Filter

Product Name	Capability	Applicable Operating System Families	Notes
<a href="#">DB2 Enterprise Server Edition 10.5</a>	Databases	AD, Linux, Windows	No
<a href="#">IBM Security Directory Server 6.4.0.0</a>	LDAP Servers	AD, Linux, Windows	ⓘ
<a href="#">WebSphere Application Server Network Deployment 8.5.5.7</a>	Application Servers	AD, Linux, Windows	(1)

**Footnotes**

(1) IBM SDK 7.0 and IBM HTTP Server 8.5.5.0 come with WebSphere Application Server Network Deployment 8.5.5.7. [↑ Show in context](#)

(2) IBM Security Directory Server 6.4.0.0 is electronic download only. [↑ Show in context](#)

[↑ Back to top](#)

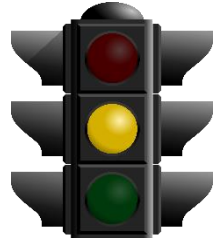
**Co-Installed Software** ⓘ

No co-installed software products specified.

## Licensing Changes

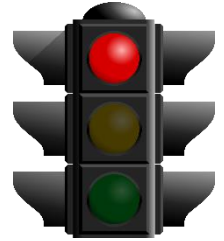
- In WC V8, you no longer need a separate license to use Gift Center
  - Gift Center was previously a separately licensed feature
  - All users of WebSphere Commerce V8 can thus use the Gift Center database schema and services to implement Gift Center functionality in their stores
  - Note that Aurora does not currently include JSPs showing off the functionality
- See the Edition Changes slide for changes in editions
- The RunAsUserSetInSession and forUser/forUserId APIs now require a license to IBM Commerce Call Center if they are to be used for *sell-side* business users
  - Buy-side use does not require a separate license
  - Contact your IBM representative if you are currently using these APIs for sell-side use cases on V7 and plan to migrate to V8

## Deprecated features



- We are deprecating the following features in V8:
  - 3-DES encryption
    - We recommend using the stronger AES encryption
    - See also the security presentation from the V7 FEP7 release enablement (link below)
  - Massload
    - Has been deprecated since V7 FEP6, continues to be supported, but we recommend you switch to using DataLoad
  - Support for the Configuration noun
    - Use the OnlineStore noun instead
  - The PriceTCMasterCatalogWithOptionalAdjustment contract T&C
    - Use PriceTCMasterCatalogWithFiltering instead

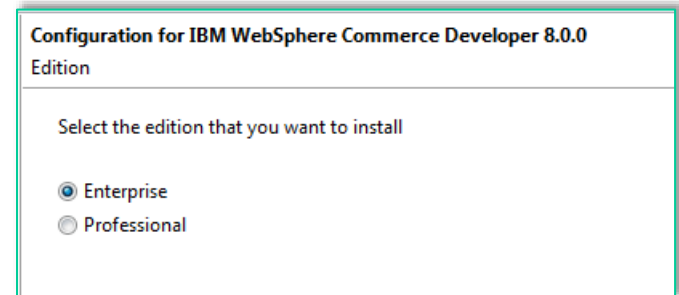
## Discontinued components and features



- We have removed a number of features that have been deprecated in previous releases of WebSphere Commerce
- The following is a summary of *some* of the discontinued features and components:
  - WebSphere Commerce Patterns
  - The Madisons, Elite, Brazil or MayUJoy (China) stores
    - You cannot publish these SARs on V8, but you can migrate an already published store from V7 to V8
  - Coshopping
    - Use 3<sup>rd</sup>-party providers, e.g. *Shop with Friends* by OpenClove
  - sMash-based Social Commerce
    - Use relevant IBM Commerce Partner Solution
  - BazaarVoice legacy integration (“PRR”)
    - Use new BazaarVoice Conversations integration through Composer widgets
  - KickApps integration
    - Implement REST-based integration, see the Pinterest Buy It button support for an example
  - iOS hybrid and Android native sample application
    - Use the RWD features of Aurora

## Edition Changes

- The entry-level Express Edition of WebSphere Commerce has been discontinued
  - If you are currently on the Express Edition, we recommend that you migrate to the Professional or Enterprise Editions, which offer more capabilities and deployment options
- The Professional and Enterprise Edition remain, but with a largely merged codebase
  - This will simplify migrations from Professional to Enterprise, as well as maintenance
  - Note that Enterprise features will still require an Enterprise license
  - There is one image for both edition
    - You will be prompted for which edition you are licensed for during installation
- Professional Edition now:
  - Is limited to the B2C Aurora store
  - Allows for limited-use of the Extended Sites model





## New Maintenance Strategy

- We are changing the approach to delivering code fixes and additional functionality for WebSphere Commerce, starting in V8
- Code and security fixes (8.0.0.x):
  - Bi-weekly cumulative fix packs
  - Fix packs can be installed without manual steps and with minimal downtime
  - Fix packs are guaranteed to *only* include code fixes, i.e. no new functionality
  - No individual iFixes for APARs, instead APARs are scheduled for next fixpack
- New Functionality (8.0.x.0):
  - Quarterly *mod* releases, no more Feature Packs (FEPs)
  - Installed in the same way as fix packs (i.e. through Update Installer)
  - Guaranteed to be installable without manual steps
    - However, to adopt new function, manual steps *may* be required, e.g. to update store JSPs
- We highly recommend clients to stay current with fix packs and mod releases
  - However, to manage production changes, you can choose a different fix packs application cadence, e.g. every third fix pack

## Other sessions related to WC V8 and Commerce Insights

Date	Time	Session	Topics	Speaker(s)
Mon 30 Nov	10:00-12:00 ET	Overview	Overview session, covering all that is new in WC V8 and CI	Nicolai Nielsen
Tue 01 Dec	10:00-12:00 ET	Commerce Insights	Functionality and on-boarding for Commerce Insights	Katherine Langdon Karson Ng Daisy Tan
Wed 02 Dec	10:00-12:00 ET	Management Center	New framework and UI for IBM Management Center	Bruce Baker Judy Chan
Thu 03 Dec	10:00-12:00 ET	Stack Changes	Changes in the stack, licensing, and removed features in WC V8	Nicolai Nielsen
Fri 04 Dec	10:00-12:00 ET	Migration	Migration approach and tooling in WC V8	Nicolai Nielsen
Mon 07 Dec	10:00-12:00 ET	Customer Service	Overview of the new Aurora Customer Service tools	Guru Shamanna Karson Ng
Tue 08 Dec	10:00-11:00 ET	Social Commerce Accelerators	Coverage for the Social Commerce Accelerators (note: not V8-specific)	Nicolai Nielsen
Tue 08 Dec	11:00-12:00 ET	New Maintenance Strategy		Nicolai Nielsen

Thank You!

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Title

- Items...