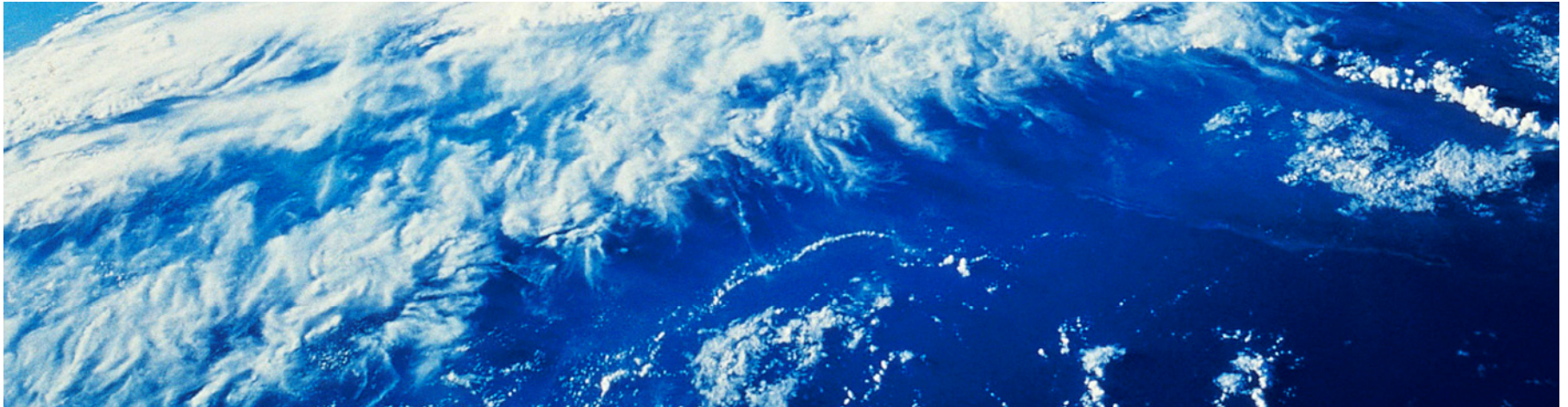


IBM WebSphere Commerce V7 FEP8

Overview Session



Agenda

- Request for Enhancements
- New Aurora B2B
- Merchandising enhancements
- Marketing enhancements
- REST/Omnichannel support enhancements
- Search enhancements
- CPQ integration enhancements
- Maintenance enhancements
- Workspaces/staging server enhancements
- Store companion asset updates
- Stack updates



Request for Enhancement (RFE)

- Request for Enhancements (RFE) is a programme that allows customers to submit enhancement requests for any of the IBM products registered with the programme
- RFEs can be submitted, commented, voted, and discussed
- IBM will evaluate and select RFEs to be implemented in the products
- Many of the enhanced features in FEP8 are the result of RFEs
- The enhancements resulting from RFEs have been marked in this presentation.

developerWorks > RFE Community > B2B & Commerce >

B2B & Commerce RFE Community

Overview Search Submit Releases My stuff Groups Help

Welcome B2B & Commerce users! Here you have an opportunity to collaborate directly with the B2B & Commerce product development teams and other product users.

Filter the page content
Select an IBM brand and product to filter the page content:

Brand:

Product:

Submit

Most recent | Most watched | Most voted | Planned | Delivered

- [Change Service for Store Locator BOD module](#) submitted on 20 October 2014
- [Allow ability to add large text to Content that is not language dependent](#) submitted on 17 October 2014
- [Promotion: Item/order discount based on delivery method\(s\)](#) submitted on 17 October 2014
- [CMC csv upload should utilize same edits and restrictions as CMC flash port...](#) submitted on 16 October 2014
- [Notify me when in stock](#) submitted on 14 October 2014
- [Add real support for federated security, multi-ldap](#) submitted on 10 October 2014

Spotlight

- [Information Management adds DB2 LUW to the RFE Community](#)
- [Information Management adds products to the RFE Community](#)
- [RFE Community is updated \(Release 14\)](#)

→ See all announcements

Your ideas matter!
As of today:
24 Requests submitted
26 Requests in plan
5 Requests delivered

50 users
189 votes
90 comments

Give us feedback
Participate in the [RFE Community survey](#) to help us improve your experience.



B2B Functionality in Aurora

Detailed Session:
Thu, Dec 4

- Traditionally we have had separate B2B (Elite) and B2C (Aurora) stores
 - Technology and functionality could differ greatly between the B2B and B2C models
- With FEP8, we bring the B2B and B2C capabilities into Aurora
 - Common look & feel, technology, and management capabilities
- Store model is selected at publishing time
- Functionality improvements over Elite include:
 - Responsive UX overhaul
 - Commerce composer support
 - Including widgets to support B2B-specific scenarios
 - Buy-side administration functions
 - Order approvals
 - Buyer registration approvals
 - Search index support for contract pricing
 - Buyer administrator can buy on behalf of other buyers
 - CSV upload for requisition lists



Merchandising Enhancements

Detailed Session:
Fri Dec 5

A light blue thought bubble with a tail pointing towards the bottom left, containing the text 'Detailed Session: Fri Dec 5'.

- Category assignments:
 - New UI for associating multiple products to multiple categories in one screen
 - Rule-based sales categories
 - Assign products to categories based off of search expressions
- Merchandising associations:
 - Allow store to determine which specific types of merchandising associations are to be returned
 - Better storefront performance by eliminating return of irrelevant data
- Attribute Dictionary:
 - Assigned Value reuse in Attribute Dictionary
 - Reduce database footprint by reuse of values. Transparent to business user
 - Attribute Dictionary References tab
 - Allows for determination of which products use an attribute, optionally remove that attribute from the product



Marketing Enhancements

A light blue thought bubble with a tail pointing towards the bottom left. Inside the bubble, the text reads 'Detailed Session: Fri Dec 5'.

Detailed Session:
Fri Dec 5

- Promotions
 - Dataload support to put promotions into folders
 - Prevent promotions from appearing in main list if saved in a folder
 - Sample code to manage folders programmatically
 - Addition of "archive" function for promotions
 - Enhanced search to locate promotions by date, status, etc.
 - Support for export and import of promotions across systems
- Performance
 - Configurable restriction for Marketing to not display large attachments
- Segmentation
 - Ability to create a user segment from list of email addresses
 - Ability to export and download a list of email addresses for users in a segment
- New Marketing Target for viewing product with specific attribute
- Analytics
 - DDX support for Analytics
 - Configuration overload for Analytics
 - .reloadConfig for Analytics



REST/Omnichannel Enhancements

A light blue thought bubble with a white outline, containing the text 'Detailed Session: Tue Dec 2'. It is connected to the main content area by three smaller, lighter blue circles of decreasing size.

Detailed Session:
Tue Dec 2

- Full* REST coverage for both B2C and B2B flows in Aurora
- Aurora storefront uses REST calls
 - Replaces data beans and BOD service calls in storefront
 - If deployed locally, these will neither involve serialization nor HTTP calls
- REST mapping to commands and databeans now configuration-based
 - No need to write code to map to legacy commands and beans
- Better Web/REST interoperability
 - REST can use Web authentication tokens
 - REST can terminate Web session, if needed
- Other updates:
 - JAX-RS uses Apache Wink 1.4.0
 - Support for SSL acceleration
 - Support for HTTP Basic authentication
 - Enhancements to BOD mapping



Search Enhancements



- B2B pricing support
- Sharding support
- Search-supported rule-based sales categories
- Result grouping
 - Search for SKUs, return products
 - SKU price range support
 - Hero support
 - Use best matching SKU, tags, or search rules to determine
- Autosuggest enhancements
 - Scope at store and sales catalog
 - Suggested products in autosuggest
- Enhanced logging and tracing support



CPQ Integration Enhancements

A light blue thought bubble with a white outline, containing the text 'Detailed Session: Mon Dec 8'. It is connected to the main content area by three smaller, lighter blue circles of decreasing size.

Detailed Session:
Mon Dec 8

- Globalization support for the integration assets
 - Management Center locale passed to Visual Modeler
 - Store locale passed to Configurator
 - Store currency passed to Configurator
 - APARs exist for FEP6 and FEP7 to enable this
- CPQ/WC/OMS end-to-end support
- Advanced features for predefined configuration
 - New first-order catalog entry type: Preconfigured Dynamic Kit (PDK)
 - PDKs thus have buyable/publish/start & end dates, etc
 - Support for multiple PDKs per Dynamic Kit
 - PDKs can be “locked” so end-user configuration not possible



Non-root Installation and Maintenance

- Up until now, several maintenance steps have required administrative rights in order to install components
- FEP8+FP9 introduces support for a non-root user to:
 - Install the Update Installer (UPDI)
 - Apply fixes to WC installation and instance
 - Install feature Enhancement Pack
- Constraints:
 - The base WC product must still be installed using administrator privileges
 - Since administrator rights are needed to register components with the OS install registry, non-root installs cannot be registered
 - Existing UPDI products installed by root cannot be updated by non-root
 - Work-around: uninstall with root and install with non-root, or install to new location
 - Non-root user must own the WC_installdir
 - For Linux, Solaris and AIX, UPDI must be installed by the non-root user in order to apply fixes as non-root



Database Schema/Usage Enhancements

Detailed Session:
Fri Dec 5

- Addition of CompareColumns for difference file processor (delta dataload)
 - Allows for better handling of product feeds for “diff” function of dataload
- Protect data in Management Center from being overwritten by a data load
- Support for "Mark for Delete" for sales categories in Dataload
 - Ensure that dataload is operating in the same manner as Management Center does
- Support for Oracle Wallet to store database password for use by utilities
- Enhanced DBClean performance - offline mode for large data cleanup



Workspace and Staging Improvements

- Preservation of Task Group change history after approval
 - Allows business users to review what changes happened, by whom, for audit/investigation purposes
- Configurable staging condition support in StagingProp for better performance and flexibility
 - Allows for better control of what gets propagated to prod database

Updates to Store Companion Assets

- Review:
 - Use cases in Word format
 - CSS style guide
 - Wireframes in Axure, PDF, and HTML formats
 - Static HTML store
 - Test cases in spreadsheet with mapping to use cases
 - Automated testing framework with regression tests
- All existing assets updated to FEP8, including Aurora B2B functionality
- Single, unified use case document with use cases for both B2B and B2C scenarios and all store functions

Stack and Technology Updates

- WCM integration:
 - WCM 8.5
- Extreme Scale 8.6.0.5
- Embedded Help System changed to use Knowledge Center Framework
- Swagger used to document REST API
- CKEditor 4.3.2
- IBM Installation Manager 1.8.0.0
- CMC Browser support:
 - Google Chrome 37+ (*)
 - IE 11
- Legacy tool browser support:
 - IE 11
- Worklight app:
 - Android 4.4.x
 - iOS 8
- Solr 4.7
- Dojo 1.8.7

* https://knowledgecenters.hursley.ibm.com/ecc-internal/SSZLC2_7.0.0/com.ibm.commerce.management-center.doc/refs/rtftroubchromemodal.htm

Deprecated Features

- In Feature Pack 8, we deprecated a number of features
- Deprecation is done for various reasons, but typically because there are better approaches to solving the particular business problem
- Features will still be supported, but *may* be removed in a future release
- Typically a feature is not removed for one major release, or five years, whichever is longer, but in rare cases a feature may be removed earlier
- See next slide for a list of deprecated features and the recommended replacement, if any
- It is recommended that clients using a feature that is being deprecated to start planning to move to an alternate solution, as outlined in the following table

List of Features Deprecated in FEP8

Deprecated Feature	Recommended Action
On-premise TaxWare Integration	Use 3 rd party tax service provider, e.g. the validated Avalara AvaTax solution
Traditional Portal Integration	Use REST API to invoke WC services from Portal
LikeMinds Product Recommendations	IBM Product Recommendations
Co-shopping	3 rd -party service, e.g. the validated Vidioly solution
Elite, Advanced B2B Direct, Madisons, Brazil, and MayUJoy Starter Stores	All B2B-, Brazil-, and China-specific features are now in Aurora
Social Commerce SAR	Direct integration to service providers (the sMash integration was deprecated in FEP5, we're deprecating the SAR now)
Triple-DES encryption	Switch to use the AES encryption mechanism, introduced in FEP7/FP8

References

- Highlights of FEP8:

http://www.ibm.com/support/knowledgecenter/SSZLC2_7.0.0/com.ibm.commerce.admin.doc/concepts/cwnFEP8summary.htm

Thank You!

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