



IBM Global Data Synchronization for WebSphere Product Center  
Version 1.1.1

## User Guide – Demand Side



Note: Before using this information and the product it supports, read the information in “Notices” at the end of this document.

23 February2005

This edition of this document applies to IBM Global Data Synchronization for WebSphere Product Center, version 1.1.1, and to all subsequent releases and modifications until otherwise indicated in new editions.

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# Table of Contents

|   |           |
|---|-----------|
| <b>ABOUT THIS DOCUMENT.....</b>   | <b>1</b>  |
| AUDIENCE .....  | 1         |
| RELATED DOCUMENTATION .....   | 1         |
| TYPOGRAPHIC CONVENTIONS .....   | 1         |
| TERMS AND ACRONYMS .....  | 1         |
| <b>CH 1    OVERVIEW.....</b>  | <b>3</b>  |
| <i>IBM Global Data Synchronization for WebSphere Product Center Business Processes .....</i>  | <i>3</i>  |
| <i>Messaging process in IBM Global Data Synchronization for WebSphere Product Center.....</i> | <i>3</i>  |
| <b>CH 2    GETTING STARTED.....</b>   | <b>5</b>  |
| LOG ON TO GDS.....  | 5         |
| NAVIGATION .....  | 6         |
| <i>Icon Definitions .....</i>   | <i>7</i>  |
| <b>CH 3    ABOUT HOME PAGE .....</b>  | <b>9</b>  |
| <b>CH 4    MANAGING PUBLICATIONS.....</b>   | <b>11</b> |
| VIEW NOTIFICATIONS.....   | 11        |
| REQUEST FOR PUBLICATION .....   | 12        |
| STOP SYNCHRONIZATION .....  | 14        |
| EXPLORE PUBLICATION .....   | 18        |
| PROCESSING PUBLICATION MESSAGES .....   | 18        |
| <i>Initial Load Publication.....</i>  | <i>18</i> |
| <i>New Item Publication .....</i>   | <i>24</i> |
| <i>Processing an Item Change Publication notification .....</i>                               | <i>30</i> |
| <i>Processing an Item Delist Publication .....</i>  | <i>34</i> |
| <i>Processing an Item Withdraw Publication .....</i>  | <i>37</i> |
| <b>CH 5    MANAGE SUBSCRIPTIONS AND FILTERS .....</b>   | <b>41</b> |
| VIEW NOTIFICATIONS.....   | 41        |
| CREATE FILTER .....   | 42        |
| <i>Approve Filter.....</i>  | <i>44</i> |
| <i>Add a filter to the data pool.....</i>   | <i>45</i> |
| EDIT FILTER .....   | 47        |
| <i>Approve Edited Filter .....</i>  | <i>48</i> |
| DELETE FILTER .....   | 49        |
| <i>Delete filter - Approved status.....</i>   | <i>50</i> |
| <i>Delete filter - Added status .....</i>   | <i>51</i> |
| <i>Approve Deleted Filter .....</i>   | <i>54</i> |
| CREATE SUBSCRIPTION .....   | 54        |
| <i>Approve a new subscription.....</i>  | <i>56</i> |
| <i>Add a subscription to the Data Pool.....</i>   | <i>57</i> |
| EDIT SUBSCRIPTION .....   | 59        |
| <i>Approve Edited Subscription .....</i>  | <i>61</i> |
| DELETE SUBSCRIPTION.....  | 61        |
| <i>Delete Subscription – Subscription in Approved status.....</i>                             | <i>62</i> |
| <i>Delete Subscription – Subscription in Approved status.....</i>                             | <i>63</i> |
| <i>Approve a Deleted Subscription .....</i>   | <i>65</i> |
| QUERY SUBSCRIPTION.....   | 66        |
| EXPLORE SUBSCRIPTIONS AND FILTERS .....   | 66        |
| <b>CH 6    MANAGE ITEMS .....</b>   | <b>67</b> |

|  |            |
|--|------------|
| VIEW NOTIFICATIONS .....                                     | 67         |
| CREATE ITEMS .....   | 68         |
| <i>Create GTIN</i> .....                                     | 68         |
| <i>Enrich Global Attributes for an Item:</i> .....           | 71         |
| <i>Create Item Links</i> .....                               | 72         |
| <i>Create Variant</i> .....                                  | 73         |
| <i>Enrich Variant Attributes</i> .....                       | 82         |
| <i>Submit for Compliance Check</i> .....                     | 83         |
| <i>Approve New Item</i> .....                                | 85         |
| EDIT ITEMS .....   | 86         |
| DELETE ITEM .....  | 89         |
| <i>Approve Deleted Item</i> .....                            | 90         |
| CREATE HIERARCHY .....                                       | 91         |
| <i>Approve New Hierarchy</i> .....                           | 96         |
| EDIT HIERARCHY .....   | 97         |
| <i>Approve Edited Hierarchy</i> .....                        | 100        |
| DELETE ITEM LINKS.....                                       | 101        |
| <i>Approve Deleted Item Links</i> .....                      | 103        |
| QUERY ITEM .....   | 103        |
| EXPLORE ITEMS .....  | 104        |
| <b>CH 7    MANAGE PARTNERS .....</b>                         | <b>105</b> |
| VIEW NOTIFICATIONS .....                                     | 105        |
| CREATE TRADING PARTNER .....                                 | 106        |
| <i>Approve New Trading Partner</i> .....                     | 110        |
| MODIFY TRADING PARTNER .....                                 | 111        |
| <i>Approve Modified Trading Partner</i> .....                | 114        |
| DELETE TRADING PARTNER.....                                  | 115        |
| <i>Delete Trading Partner - Draft Status</i> .....           | 115        |
| <i>Delete Trading Partner – Approved Status</i> .....        | 116        |
| <i>Approve Deleted Trading Partner</i> .....                 | 118        |
| EXPLORE TRADING PARTNERS.....                                | 119        |
| <b>CH 8    SEARCH.....</b>                                   | <b>121</b> |
| SEARCH FOR PUBLICATIONS .....                                | 121        |
| SEARCH FOR SUBSCRIPTIONS/FILTERS .....                       | 123        |
| <i>Search Subscriptions</i> .....                            | 123        |
| <i>Search Filters</i> .....                                  | 124        |
| SEARCH FOR ITEMS/HIERARCHIES .....                           | 125        |
| <i>Search Items</i> .....                                    | 125        |
| <i>Browse Items</i> .....                                    | 128        |
| <i>Search Item Transactions</i> .....                        | 130        |
| <i>Search Hierarchy Transactions</i> .....                   | 132        |
| SEARCH FOR TRADING PARTNERS.....                             | 133        |
| <i>Search Trading Partners</i> .....                         | 133        |
| <i>Search Transactions</i> .....                             | 135        |
| <b>APPENDIX A – ADMINISTRATION AND USER MANAGEMENT .....</b> | <b>139</b> |
| <b>APPENDIX B – LIST OF FUNCTIONS .....</b>                  | <b>141</b> |
| FOR TRADE ITEMS .....  | 141        |
| FOR TRADING PARTNERS .....                                   | 141        |
| FOR TRADE ITEM LINKS.....                                    | 141        |
| FOR SUBSCRIPTIONS AND FILTERS.....                           | 142        |
| FOR TRANSACTIONS .....                                       | 142        |
| FOR NOTIFICATIONS .....                                      | 142        |

|  |            |
|--|------------|
| <b>APPENDIX C - ERROR AND CONFIRMATION MESSAGES .....</b>  | <b>145</b> |
| ERROR AND CONFIRMATION MESSAGES GENERATED BY IBM GLOBAL DATA SYNCHRONIZATION FOR WEBSphere<br>PRODUCT CENTER ..... | 145        |
| ERROR AND CONFIRMATION MESSAGES GENERATED BY UCCNET DATA POOL SERVICES .....                                       | 150        |



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# About this Document

## **Audience**

The objective of this guide is to facilitate the users to navigate through the IBM Global Data Synchronization for WebSphere Product Center and identify and operate the main application functionalities. The document guides you through the application features using a step-by-step approach.

The intended audiences for this guide are retailers in the supply chain industry.

## **Related Documentation**

The following related IBM Global Data Synchronization for WebSphere Product Center documentation is also available:

- Installation and Configuration Guide
- Release Notes

## **Typographic Conventions**

This document uses the following conventions:

- `Courier New font` – Indicates commands, directory names, user names, path names, and file names.
- **Note** – Indicates important or clarifying information including exceptions, interdependencies, and special situations.
- **Tip** – Indicates a helpful action that will simplify or streamline the current procedure.
- **Bold font** – Indicates buttons, tabs, menus, and keyboard key names. For example, the **Save** button.
- *Italics font* – Indicates page names. For example, the *Login* page.

## **Terms and Acronyms**

| Term/Acronym                    | Description   |
|---------------------------------|---|
| Trade Item                      | A Trade Item is any product or service for which there is a need to retrieve pre-defined information and that may be priced, ordered or invoiced at any point in any supply chain.                              |
| Global Trade Item Number (GTIN) | This is a unique 14-digit number used to identify trade items. The first 13 digits represent the item reference number and the last digit is the check digit.   |
| Global Location Number (GLN)    | This is a unique 13-digit number used identify a trade location. The first seven digits represent the Company prefix, the next five digits represent the trade location, and the last digit is the check digit. |

| <b>Term/Acronym</b>       | <b>Description</b>  |
|---------------------------|---|
| Target Market (TM)        | Geographic areas in which a trade item is available for sale.   |
| Information Provider (IP) | Information provider indicates the information owner. For example, Distributor, broker, Manufacturer, or Franchisee. The retailer could receive information from both sellers and this field indicates the information owner.                           |
| Global Attributes         | A global attribute indicates that the attribute is relevant for business cases around the world, and can only have a single value throughout the world. (For example, GTIN)   |
| Global-Local Attributes   | A global/local attribute indicates that the field is relevant for business cases around the world. Its definition is the same but may have a different value depending on the geography. (For example, VAT tax values, 1.00 in France, 1.05 in Belgium) |
| Local Attributes          | A local attribute is only relevant in certain geographical areas, and the values may change based on where the product is offered for sale. (For example, green dot – only relevant in certain European countries.)                                     |
| Data Pool                 | A repository of data where trading partners can obtain, maintain, and exchange information on items and parties in a standard format. In this guide the term data pool implies the UCCnet data pool services.   |

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## Ch 1 Overview

Global Data Synchronization is the process by which trading partners exchange basic information about products on an ongoing basis. The information can be on price, party, and other relationship-specific details. This process ensures that all stakeholders for a product are kept in “sync” about the latest information on the product.

Global Data Synchronization enables you to:

- Reduce costs and increase competitiveness through the efficient and accurate transfer and on-going synchronization of information.
- Lay the foundation for future supply chain collaboration initiatives which require that trading partners are in “sync” on the basic product, price, party, and relationship specific information.

### **IBM Global Data Synchronization for WebSphere Product Center Business Processes**

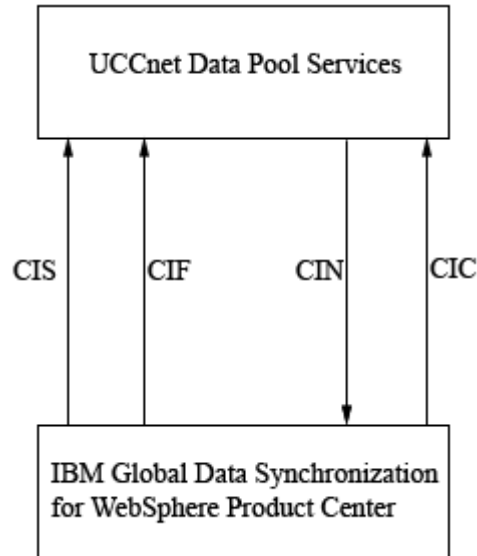
The IBM Global Data Synchronization for WebSphere Product Center enables the demand side trading partner (retailer) to perform key business functions. These include:

- Managing information on trade items and trading partners.
- Creating new items and trading partners
- Managing subscriptions
- Processing published item information

The IBM Global Data Synchronization for WebSphere Product Center connects to the UCCnet data pool services to enable a trading partner to perform demand side data synchronization via the UCCnet data pool services.

### **Messaging process in IBM Global Data Synchronization for WebSphere Product Center**

This section explains the messaging process between the IBM Global Data Synchronization for WebSphere Product Center and UCCnet Data Pool Services.



*Messaging Process*

1. Using the IBM Global Data Synchronization for Websphere Product Center, a trading partner (retailer) first sends a Catalog Item Subscription (CIS) or a Catalog Item Filter (CIF) message to the UCCnet data pool services requesting for information about an item.
2. After receiving a CIS or a CIF message, the UCCnet data pool services processes the CIS and CIF requests and sends responses as Catalog Item Notifications (CIN) to the retailer who has subscribed for the item details. The types of Catalog Item Notifications are:
  - Initial Load publication
  - New Item Publication
  - Item Change Publication
  - Item DeList Publication
  - Item Withdraw Publication
3. The CIN messages are processed by the IBM Global Data Synchronization for Websphere Product Center application and a Catalog Item Confirmation (CIC) message is sent back to the UCCnet data pool services. The types of CIC messages that are sent by the application are:
  - Review
  - Accept or Reject
  - Synchronized



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## Ch 2 Getting Started

This chapter describes the initial steps to start working with the application, and provides basic navigational information.

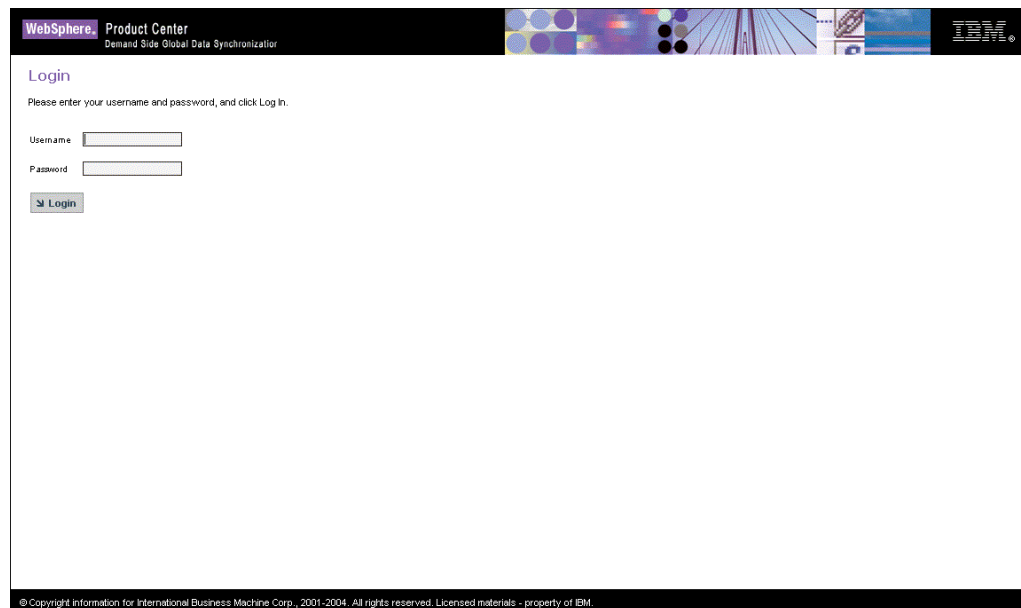
Topics include:

- [Log on to GDS](#)
- [Navigation](#)

### ***Log on to GDS***

To log on to the application:

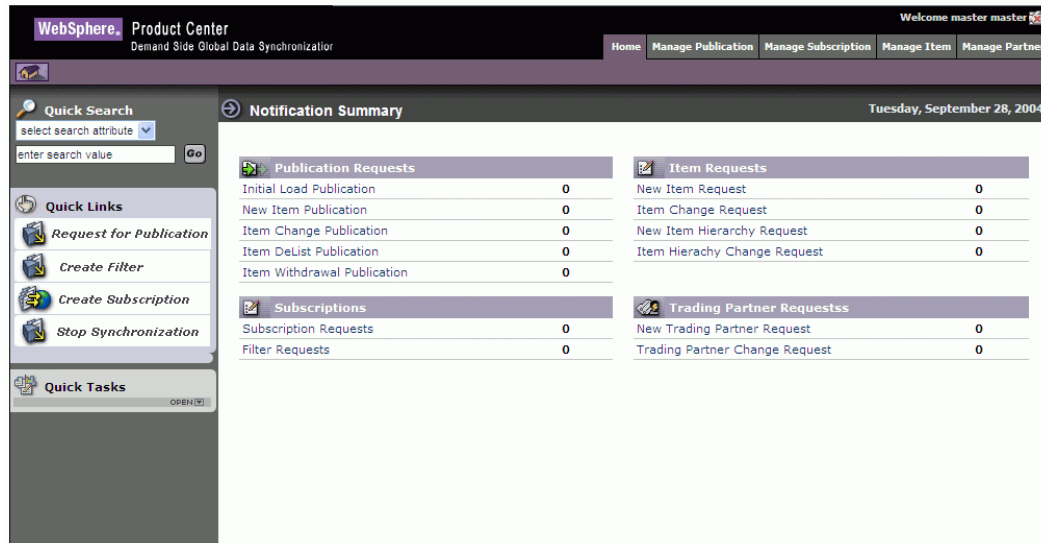
Access the IBM Global Data Synchronization for WebSphere Product Center application. The *Login* page is displayed.



The screenshot shows the login page of the IBM Global Data Synchronization for WebSphere Product Center application. The page has a black header bar with the 'WebSphere Product Center' logo and the text 'Demand Side Global Data Synchronization' on the left, and the IBM logo on the right. Below the header, the page is white with the title 'Login' in purple. A message says 'Please enter your username and password, and click Log In.' There are two input fields: 'Username' and 'Password'. Below the 'Password' field is a 'Login' button with a small icon. At the bottom of the page, there is a black footer bar with copyright information: '© Copyright information for International Business Machine Corp., 2001-2004. All rights reserved. Licensed materials - property of IBM.'

*Login*

Enter your user ID and your password in the **User ID** and **Password** fields respectively. Click **Login**. The *Home* page is displayed.



*Home Page*

Each of the modules is aligned with a user's role and responsibility. Access to the various areas depends on the level of access assigned to your position and user ID.

## Navigation

This section describes the product layout and the methods you can use to navigate through the IBM Global Data Synchronization for WebSphere Product Center application.

The page comprises three segments:

- Top Navigation Bar
- Left Navigation Pane
- Task Area

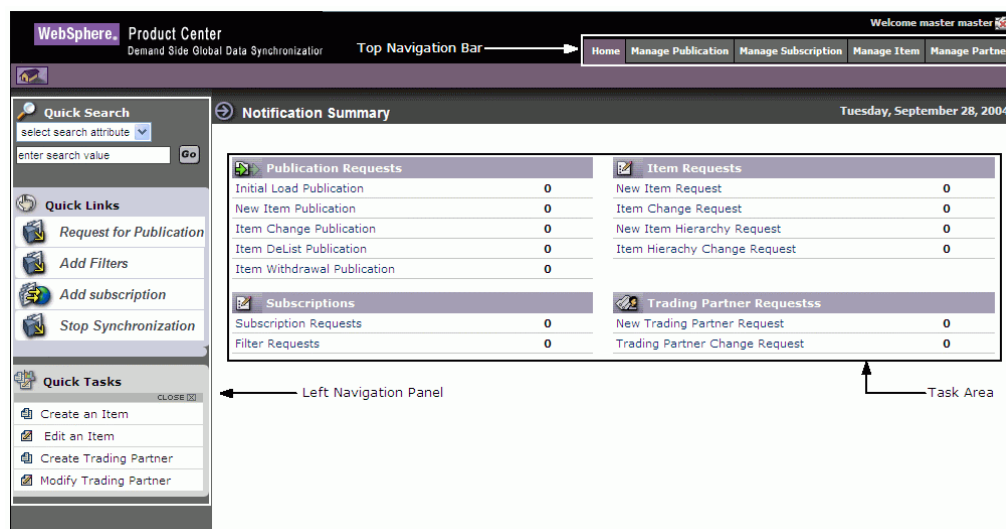
Each segment provides you with several methods that allow you to access various pages and views.

**Top Navigation Bar:** This segment provides tabs that allow you to navigate between various tasks, such as Manage Items, Manage Publications, and so on.

**Left Navigation Pane:** This segment is located on the left side of each page. It displays the quick links and quick search. It can also be customized to suit your preference.

**Task Area:** This is the largest segment on the page. When you select a tab or a link on any of the other segments, the related page where you can perform tasks is displayed here.

The segments are as shown.



Segments

## Icon Definitions

This section provides information about the icons used in the application.

| Icon | Name                | Description   |
|------|---------------------|---|
|      | Delete icon         | Use this icon to delete a trade item.   |
|      | Delete icon         | Use this icon to delete a contact for the trading partner.  |
|      | Calendar Icon       | Use this icon to open a calendar and select a date.   |
|      | Edit Icon           | Use this icon to edit item or trading partner information.  |
|      | Look Up icon        | Use this icon to select target markets and information providers.   |
|      | Log Out icon        | Use this icon to log out of the application.  |
|      | Temporary GTIN icon | This icon represents a temporary GTIN. While creating an item, if the user does not specify a GTIN, then a temporary GTIN is created automatically by the application |
|      | View Details icon   | Use this icon to view the details of a trade item or trading partner.   |



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## Ch 3 About Home Page

This chapter describes the home page of the IBM Global Data Synchronization for WebSphere Product Center application. This page acts as a dashboard that provides an overview of the number of notifications related to publications, subscriptions, trade items, and trading partners.

When you log on to the application, the home page displays the number of notifications related to items, subscriptions, publications, and trading partners by default.

The home page displays the following tables:

- **Publications** – This table displays the number of notifications that you have received or sent. This includes of notifications related to:

- Initial Load Publications
- New Item Publications
- Item Change Publications
- Item De-List Publications
- Item Withdrawal Publications
- Stop Synchronization

For more information on viewing details of publications, refer the [Managing Publications](#) chapter.

- **Subscriptions** – This table displays the number of notifications received or sent for subscriptions. This includes notifications related to:

- Subscription Requests
- Query Subscription requests
- Filter Requests

For more information on viewing details of subscriptions, refer the [Managing Subscriptions](#) chapter.

- **Items** – This table displays the number of notifications received or sent for trade items/hierarchies. This includes notifications related to:

- New Item Request
- Item Change Request
- Item Hierarchy Request
- Query Item Request

For more information on viewing details of items, refer the [Managing Items](#) chapter.

- **Trading Partner Requests** - This table displays the number of notifications received or sent for trading partners. This includes:

- New Trading Partner Requests

- Trading Partner Change Request

For more information on viewing details of Trading Partners, refer the [Managing Partners](#) chapter.

The *Home* page appears as shown.

| Request Type                | Count |
|-----------------------------|-------|
| Initial Load Publication    | 7     |
| New Item Publication        | 1     |
| Item Change Publication     | 0     |
| Item DeList Publication     | 0     |
| Item Withdrawal Publication | 0     |
| Stop Synchronization        | 0     |

| Request Type           | Count |
|------------------------|-------|
| New Item Request       | 13    |
| Query Item Request     | 0     |
| Item Change Request    | 2     |
| Item Hierarchy Request | 4     |

| Request Type               | Count |
|----------------------------|-------|
| Subscription Request       | 15    |
| Query Subscription Request | 0     |
| Filter Request             | 15    |

| Request Type                   | Count |
|--------------------------------|-------|
| New Trading Partner Request    | 4     |
| Trading Partner Change Request | 4     |

*Home Page*

You can click on each of the displayed links to view the related list of notifications. For example, if you click on the **Initial Load Publication** link, the page which shows you the list of notifications for Initial Load is displayed.

| Type        | Id          | Transaction Id    | Status                        |
|-------------|-------------|-------------------|-------------------------------|
| Publication | 6987161_0   | UCCNet_0000000762 | Initial Load Approval Pending |
| Publication | 6987149_0   | UCCNet_0000000761 | Initial Load Approval Pending |
| Publication | 6987117_0   | UCCNet_0000000760 | Initial Load Approval Pending |
| Publication | 6987113_0   | UCCNet_0000000759 | Initial Load Approval Pending |
| Publication | 687473502_0 | UCCNet_0000000758 | Initial Load Approval Pending |
| Publication | 6986993_0   | UCCNet_0000000757 | Initial Load Approval Pending |

*Initial Load Publication Notifications*

---

## Ch 4 Managing Publications

This chapter describes the various tasks related to managing publications within the IBM Global Data Synchronization for WebSphere Product Center application.

You can view information on all published items and request (publication) information on an item from your trading partner.

The application receives publications for new items and item hierarchies. You can receive publications as a New Item or as an Initial Load. The items are published when the demand-side trading partner(s) sends a request for publication to the supply-side. Only those items that have been added to the data pool by a supply side user will be published on the demand side.

Topics:

- [View Notifications](#)
- [Request for Publication](#)
- [Stop synchronization](#)
- [Explore Publication](#)
- [Processing Publication Messages](#)

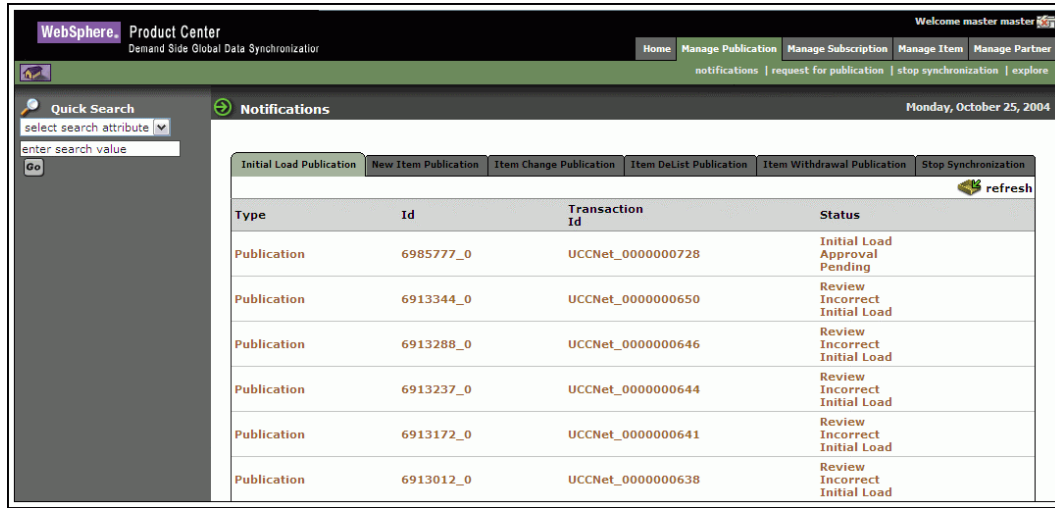
You can request for publications from the *Home* page also. The tasks are displayed under **Quick Links** on the left navigation pane.

### ***View Notifications***

You can view all notifications related to publications in the *Notifications* page. This page contains the following tabs:

- Initial Load Publication
- New Item Publication
- Item Change Publications
- Item De-List Publications
- Item Withdrawal Publications
- Stop Synchronization

To view the list of notifications for each, click on the corresponding tab. The *Initial Load Publication* tab view is displayed by default.



| WebSphere Product Center   |           |                   |                               |
|--|-----------|-------------------|-------------------------------|
| Demand Side Global Data Synchronizer   |           |                   |                               |
| Welcome master master  |           |                   |                               |
| Home Manage Publication Manage Subscription Manage Item Manage Partner   |           |                   |                               |
| notifications   request for publication   stop synchronization   explore   |           |                   |                               |
| Monday, October 25, 2004   |           |                   |                               |
| Notifications  |           |                   |                               |
| Initial Load Publication New Item Publication Item Change Publication Item DeList Publication Item Withdrawal Publication Stop Synchronization |           |                   |                               |
| Type   | Id        | Transaction Id    | Status                        |
| Publication  | 6985777_0 | UCCNet_0000000728 | Initial Load Approval Pending |
| Publication  | 6913344_0 | UCCNet_0000000650 | Review Incorrect Initial Load |
| Publication  | 6913288_0 | UCCNet_0000000646 | Review Incorrect Initial Load |
| Publication  | 6913237_0 | UCCNet_0000000644 | Review Incorrect Initial Load |
| Publication  | 6913172_0 | UCCNet_0000000641 | Review Incorrect Initial Load |
| Publication  | 6913012_0 | UCCNet_0000000638 | Review Incorrect Initial Load |

### Initial load Page

To view the details of a notification, click on the notification message. The details of that notification are displayed.

Notifications that are for information only can be viewed and deleted. To remove the notification from the list, click on the **Delete** icon.

## Request for Publication

When you need information about an item, you have to request for a publication for that item from a trading partner. You have two options for requesting a publication. You can request publications as a new item publication or as an initial load publication.

To request for publications:

1. In the *Home* page, click on the **Manage Publication** tab. The *Manage Publication* tab view is displayed.



| Type        | Id        | Transaction Id    | Status                        |
|-------------|-----------|-------------------|-------------------------------|
| Publication | 6985777_0 | UCCNet_0000000728 | Initial Load Approval Pending |
| Publication | 6913344_0 | UCCNet_0000000650 | Review Incorrect Initial Load |
| Publication | 6913288_0 | UCCNet_0000000646 | Review Incorrect Initial Load |
| Publication | 6913237_0 | UCCNet_0000000644 | Review Incorrect Initial Load |
| Publication | 6913172_0 | UCCNet_0000000641 | Review Incorrect Initial Load |
| Publication | 6913012_0 | UCCNet_0000000638 | Review Incorrect Initial Load |

*Manage Publication Tab View*

2. Click on the **request for publication** link. The *Request for Publication* page is displayed.

Request for Publication

Manage Publication > Request for Publication

GTIN:

GLN:



Target Market:

Category:

Type: ☒ New Item ☐ Initial Load

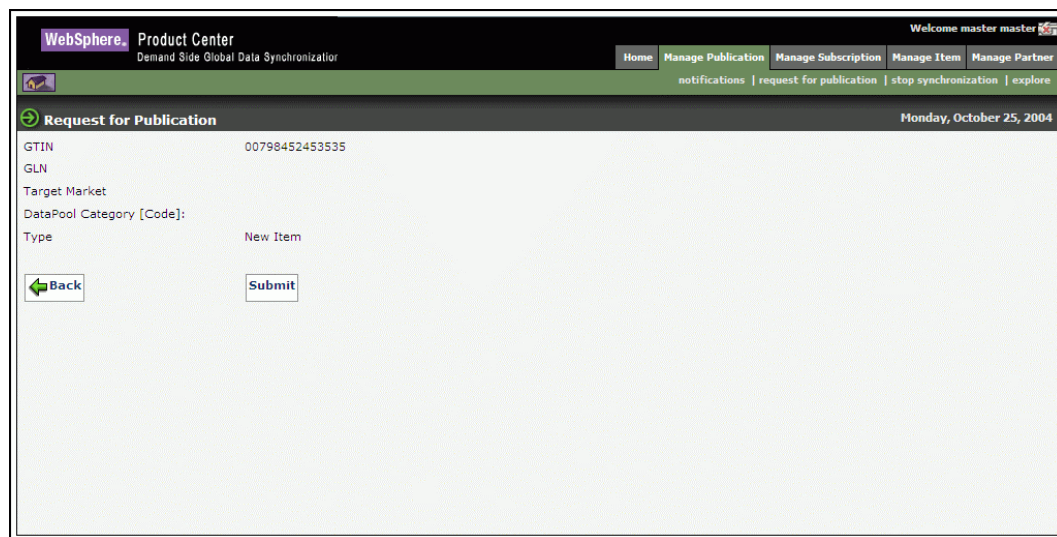
*Request for Publication*

3. You can type values in any or all the following fields.
  - a. In the **GTIN** field, type the global trade item number of the item for which you want to receive publications. You can also select the GTIN using the **Lookup** icon.
  - b. In the **GLN** field, type the global location number. You can also select the global location number using the **Lookup** icon.
  - c. In the **Target Market** field, type the name of the target market. You can also select the target market using the **Lookup** icon.

- d. In the **Category** field, using the **Lookup**  icon, select the category to which the item belongs.
- e. If you want to clear the data in the **Target Market** and **Category** fields, click on the **Undo**  icon.
- f. Select **New Item** or **Initial Load** for the type of publication that you want to receive for the item.

Note: An item that has not yet been published to any trading partner is called a new item.

4. A screen showing the details you have entered is displayed.



The screenshot shows the 'Request for Publication' page in the WebSphere Product Center. The page has a header with 'WebSphere Product Center' and 'Demand Side Global Data Synchronizer'. There are navigation tabs: 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below the tabs are links: 'notifications', 'request for publication', 'stop synchronization', and 'explore'. The main content area is titled 'Request for Publication' and shows the following details: GTIN: 00798452453535, GLN: (empty), Target Market: (empty), DataPool: (empty), Category [Code]: (empty), and Type: New Item. At the bottom, there are 'Back' and 'Submit' buttons.

*Request for Publication – GTIN details*

5. Click **Submit**. A message "Request for notification submitted" is displayed on the same page.

## Stop Synchronization

You can stop synchronization for items for which you do not want to receive any more publications.

To stop synchronization:

1. Click on the **Manage Publication** tab in the *Home* Page. The *Manage Publication* tab view is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | request for publication | stop synchronization | explore

Monday, October 25, 2004

Quick Search  
select search attribute  
enter search value  
Go

Notifications

Initial Load Publication New Item Publication Item Change Publication Item DeList Publication Item Withdrawal Publication Stop Synchronization

refresh

| Type        | Id        | Transaction Id    | Status                        |
|-------------|-----------|-------------------|-------------------------------|
| Publication | 6985777_0 | UCCNet_0000000728 | Initial Load Approval Pending |
| Publication | 6913344_0 | UCCNet_0000000650 | Review Incorrect Initial Load |
| Publication | 6913288_0 | UCCNet_0000000646 | Review Incorrect Initial Load |
| Publication | 6913237_0 | UCCNet_0000000644 | Review Incorrect Initial Load |
| Publication | 6913172_0 | UCCNet_0000000641 | Review Incorrect Initial Load |
| Publication | 6913012_0 | UCCNet_0000000638 | Review Incorrect Initial Load |

Manage Publication Tab View

- Click on the **stop synchronization** link. The *Stop Synchronization* page is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | request for publication | stop synchronization | explore

Wednesday, November 3, 2004

Stop Synchronization

Search Item

GTIN : \*

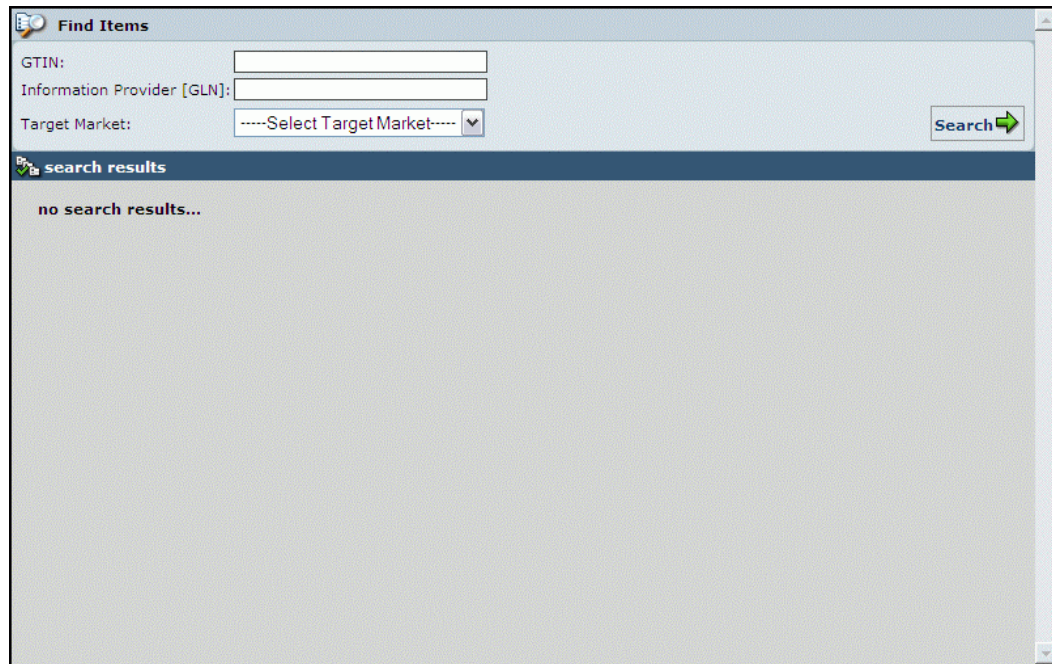
Information Provider [GLN]: \*

Target Market: \*

Submit

Stop Synchronization

- Click on the **Search Item** button. A window where you can search for the item is displayed.




*Stop Synchronization - Search*

4. In the Search page:
  - a. In the GTIN field, type the global trade item number of the item for which you want to stop synchronization
  - b. In the GLN field, type the GLN that you want to stop synchronizing items with.
  - c. Select the Target Market of the GLN that you want to stop synchronizing items from.
  - d. Click on the Search button. The search results are displayed in the Search Results area.

**Find Items**

GTIN:

Information Provider [GLN]:

Target Market:  


**search results**

| GTIN                          | GLN                           | IP                 | MessageID                    |
|-------------------------------|-------------------------------|--------------------|------------------------------|
| <a href="#">0000060000354</a> | <a href="#">0000609623334</a> | <a href="#">US</a> | <a href="#">1098084445_2</a> |
| <a href="#">0000060000170</a> | <a href="#">0000609623334</a> | <a href="#">US</a> | <a href="#">1098084445_0</a> |
| <a href="#">0000060000019</a> | <a href="#">0000609623334</a> | <a href="#">US</a> | <a href="#">1098760462_2</a> |
| <a href="#">0000060000187</a> | <a href="#">0000609623334</a> | <a href="#">US</a> | <a href="#">1098760462_1</a> |
| <a href="#">0000060000019</a> | <a href="#">0000609623334</a> | <a href="#">US</a> | <a href="#">1098760462_0</a> |

*Stop Synchronization – Search Results*

- From the search results click on the GTIN that you want to stop synchronization for. The details of the GTIN will be displayed.

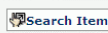
**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master 

[Home](#) [Manage Publication](#) [Manage Subscription](#) [Manage Item](#) [Manage Partner](#)

[notifications](#) | [request for publication](#) | [stop synchronization](#) | [explore](#)


**Stop Synchronization** Wednesday, November 3, 2004



GTIN : \*

Information Provider [GLN]: \*

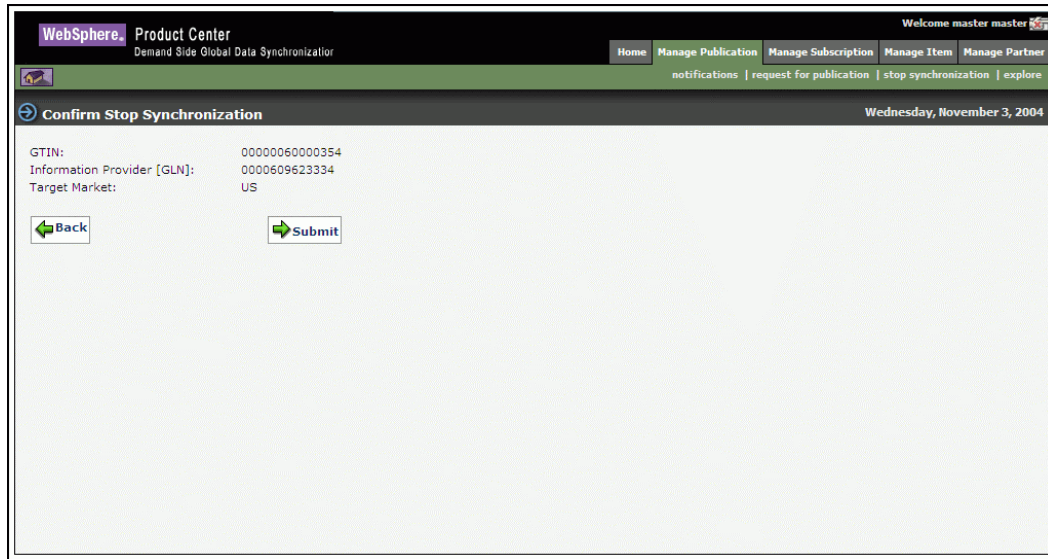
Target Market: \*



*Stop Synchronization – Selected GTIN details*

- To stop the synchronization for that particular Item, click **Submit**. A confirmation page is displayed.





*Confirm Stop Synchronization*

7. If you are sure of stopping the synchronization for that particular Item, click **Submit**. A message is sent to UCCnet data pool services to reject the item. A notification that a reject message has been sent to the UCCnet data pool services will be sent to the appropriate user(s). The status of the item is changed "Stop Synchronized"

## **Explore Publication**

For information about performing a search for publications, refer the section Search Publications in *Chapter 8 – Search*.

## **Processing Publication messages**

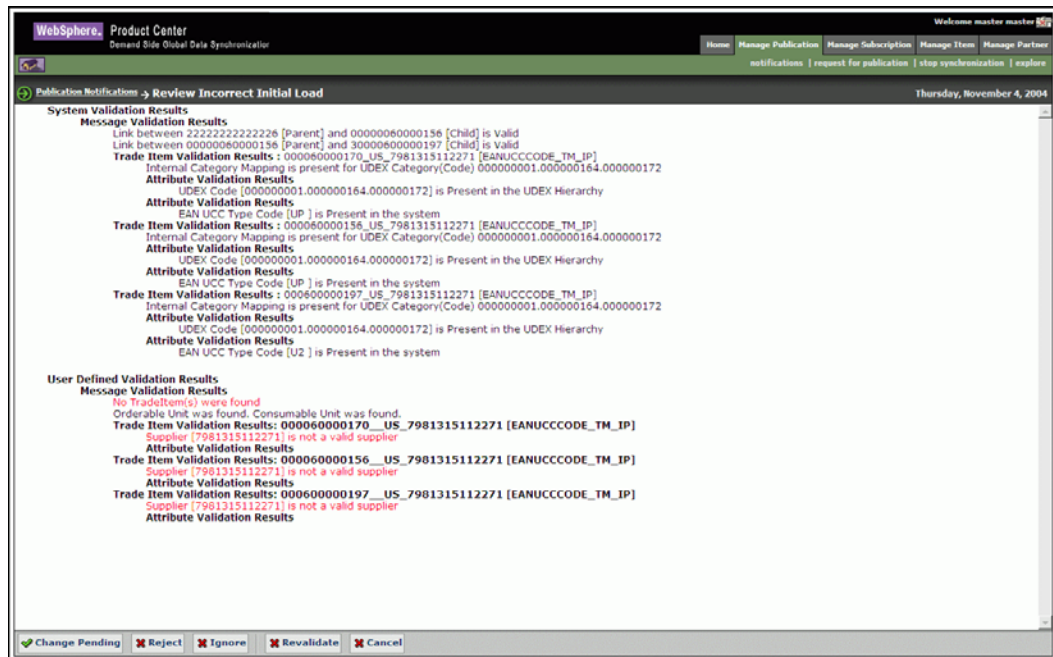
### **Initial Load Publication**

Initial Load is a synchronization message that is received for a trade item that has already been published to you by the supplier.

When an Initial Load publication is received by the application, it goes through an internal validation process. If the item fails validation, then a notification "Review Incorrect Initial Load publication" is sent to the appropriate user(s).

To review an incorrect initial load:

1. Click on the **Notifications** link under **Manage Publication** tab. The **Initial Load** tab view is displayed by default. Click on the notification "Review Incorrect Initial Load publication" for the trade item that you want to validate. The details of the failure are displayed.



### *Review Incorrect Initial Load*

2. If the supplier has agreed to make the changes to the item, then click **Change Pending**. The status of the item is changed to “Awaiting Changes”. If the supplier resends the item as an initial load, the initial load goes through an approval process again. The status gets changed accordingly.
3. If the supplier has disagreed to make the changes click **Reject**. A reject message is sent to the UCCnet data pool services.
4. Click **Ignore** to ignore the validation. No message will be sent to UCCnet data pool services and the notification will be deleted.
5. If the initial load has failed only the user level validations then, you can turn off the user level validation process and revalidate the initial load. Click **Revalidate** to revalidate the initial load.
6. Click **Cancel** to exit the page.

Note: The validation process can be turned off in the IBM Global Data Synchronization for WebSphere Product Center configuration. The initial load will not go through any validation.

To approve an initial load item:

1. Click on the **Notifications** link under manage publication tab. The initial load tab is displayed by default. Click on “Initial Load Approval Pending” message for the trade item that you want to approve. Both the old and new details of the item are displayed.

### *Approve Initial Load*

2. You can approve either selected attributes or you can approve all the attributes. If you do not want to approve all the attributes, select the attributes you want to approve and Click **Approve Selected**. If you want to approve the entire set of attributes click **Approve all**. A notification “Initial Load Enrichment pending” is sent to the appropriate user(s).
3. Click **Reject all Items** if you want to reject all the attributes of the item.

### **Enriching an InitialLoad**

To enrich an item that passes Initial Load validation:

1. Click on the **Notifications** link under manage publication tab. The initial load tab is displayed by default. Click on the initial load validation failed message for the trade item that you want to validate. The details of the item are displayed.



**WebSphere Product Center**  
Demand Side Global Data Synchronization

Home | Manage Publication | Manage Subscription | Manage Item | Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Notification Message** Friday, October 29, 2004

**Task: Initial Load Enrichment pending for the Item**  
Date: Sun Oct 31 04:49:04 EST 2004  
Status: New

EAN/UCC Code: 000600000197  
Global Trade Item Number: 30000600000197  
Language: English (United Kingdom)  
Item Status: Synchronized

EAN/UCC Code Type:   
Product Type: EA  
GTIN Name: Retail Unit all values

**Global Attributes** | Item Links | Variant Attributes

**Global Attributes for All Variants**

Global

Brand Name: Test all values Invoice Name: all values  
Product Range: Sub Brand:   
Trade Item Group Identification Code: Trade Item Group Identification Description: all values  
Trade Item Form Description: Variant Description: all values  
Pack: 1 Inner Pack:   
Classification Information

Internal Category [Code]: 10000058 Internal Category [Description]: CHAMPAGNE edit  
DataPool Category [Code]: 000000001.000000164.0000 DataPool Category [Description]: edit

**Payment Terms**

Payment Terms Type: Payment Terms Event:   
Time Period: Time Period Due:   
Day Of Month Due: Date:   
Percentage Of Payment Due: Time Period:   
Time Period Due: Day Of Month Due:   
Save Done Cancel

### Initial Load Enrichment

2. Enter the values for various fields under the **Global attributes** tab.
3. Under the variant attributes tab, enter the values for fields under the **Logistics, General, Hazardous Materials** and **Partner Specific Local Attributes** tab.

Note: For a detailed description of all the Trade Item attributes refer to the UCCnet attribute starter Kit--*Attribute Starter Kit (UCCnet Mandatory XSD Attributes) 012904.pdf*

The screenshot displays the WebSphere Product Center interface. At the top, there's a header with 'WebSphere Product Center' and a 'Welcome master master' message. Below this is a navigation bar with links like 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. A 'Notification Message' section is visible, stating 'Task: Initial Load Enrichment pending for the Item' with a date of 'Sun Oct 31 04:49:04 IST 2004' and status 'New'. The main form area contains fields for 'EAN/UCC Code' (000600000197), 'Global Trade Item Number' (30000600000197), 'Language' (English (United Kingdom)), 'Product Type' (EA), and 'GTIN Name' (Retail Unit). The 'Item Status' is set to 'Synchronized'. Below the form, there are tabs for 'Global Attributes', 'Item Links', and 'Variant Attributes'. The 'Variant Attributes' tab is active, showing a '1. Select Target Market' dropdown set to 'United States' and a '2. Select Information Provider' dropdown set to 'Trigo GLN'. The 'ITEM VARIANT STATUS' is 'Synchronized'. At the bottom, there are buttons for 'Save', 'Done', and 'Cancel'.

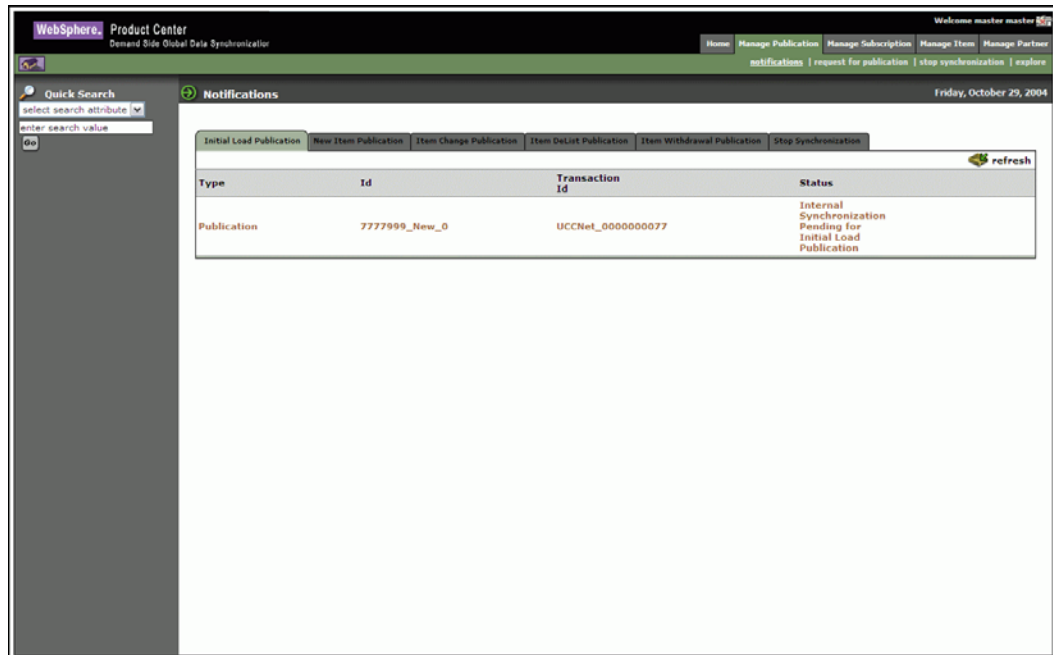
### Variant Attributes

4. When you have finished the enrichment click **Done**. A notification “Initial Load Approval Pending” is sent to appropriate user(s).
5. If the enrichment is not complete and you want to save the item, click **Save**.

### Synchronizing an Initial Load publication

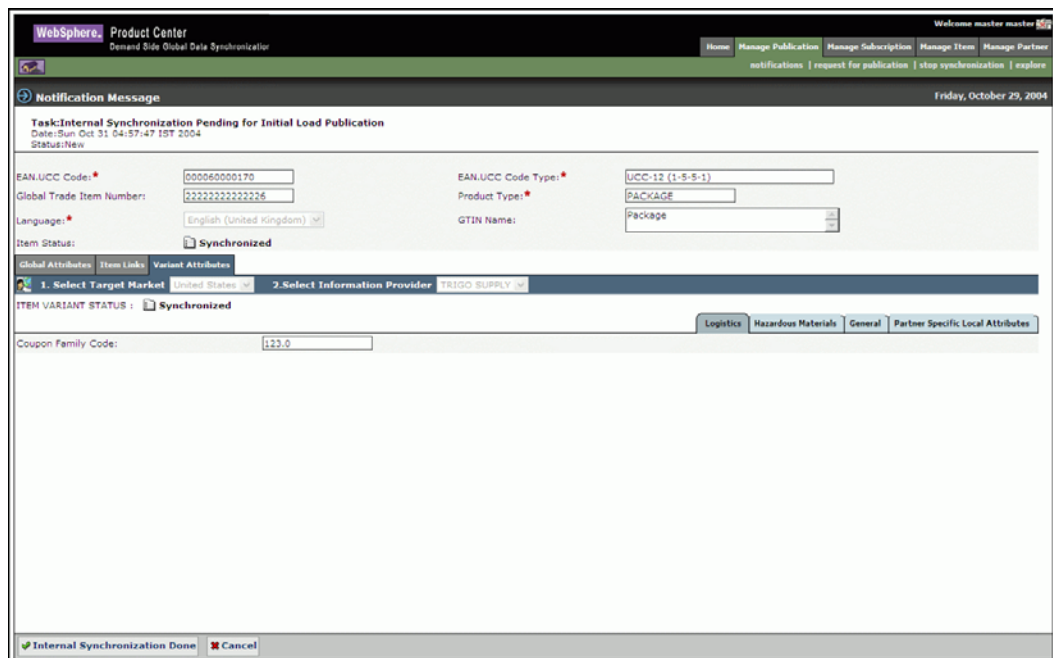
To synchronize an Initial Load Publication:

1. Under the *Manage Item* tab view, click on **Item Change Request** tab. The *Item Change Request* tab view is displayed.



### Manage Item – Item change Request

- Click on the notification “Initial Load Publication Synchronization Pending”. The details of the item are displayed.



### Initial Load Publication – Internal Synchronization

- You can view the details of item under the **Global Attributes, Item Link, and Variant Attributes** tab.

To internally synchronize the item, click **Internal Synchronization Done**. The item will be internally synchronized. A notification “Internal Synchronization Completed” is sent to the appropriate user(s).

## New Item Publication

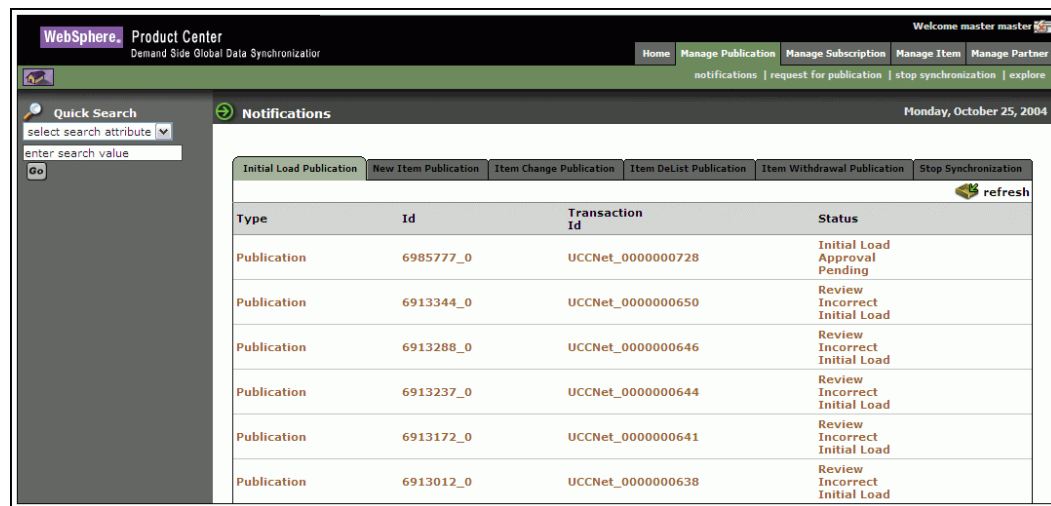
When a new item is published by the supplier, a notification “New Item Published” is displayed under the new item publication tab. The item has to go through the following steps.

- Mapping new item to an internal classification
- New item approval
- Item enrichment
- Item synchronization

### Mapping new item to an internal classification

To map a new item to an internal classification:

1. Click on the **Manage Publications** link. The *Notifications* page is displayed.



| WebSphere Product Center<br>Demand Side Global Data Synchronizer   |           |                   |                               |
|--|-----------|-------------------|-------------------------------|
| Welcome master master  |           |                   |                               |
| Home Manage Publication Manage Subscription Manage Item Manage Partner   |           |                   |                               |
| notifications   request for publication   stop synchronization   explore   |           |                   |                               |
| Monday, October 25, 2004   |           |                   |                               |
| Quick Search<br>select search attribute<br>enter search value<br>Go  |           |                   |                               |
| Notifications  |           |                   |                               |
| Initial Load Publication New Item Publication Item Change Publication Item DeList Publication Item Withdrawal Publication Stop Synchronization refresh |           |                   |                               |
| Type   | Id        | Transaction Id    | Status                        |
| Publication  | 6985777_0 | UCCNet_0000000728 | Initial Load Approval Pending |
| Publication  | 6913344_0 | UCCNet_0000000650 | Review Incorrect Initial Load |
| Publication  | 6913288_0 | UCCNet_0000000646 | Review Incorrect Initial Load |
| Publication  | 6913237_0 | UCCNet_0000000644 | Review Incorrect Initial Load |
| Publication  | 6913172_0 | UCCNet_0000000641 | Review Incorrect Initial Load |
| Publication  | 6913012_0 | UCCNet_0000000638 | Review Incorrect Initial Load |

### Manage Publications

2. In the *Item change publication* tab view, click on a notification that has “New Item Publication” status. The details of the notification are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | request for publication | stop synchronization | explore

Publication Notifications → Assign New Item to Category Thursday, October 28, 2004

**Task: Map Item Classifications**  
Date: Sat Oct 30 04:42:57 IST 2004  
Status: New

EAN.UCC Code: 798452345342 EAN.UCC Code Type: U.P.C. Case Code Num GTIN: 00798452345342  
Product Type: PALLET GTIN Name: QA\_Test\_B1\_Pallet

**Classification Information** [edit] [view full item detail]

Internal Category [Code]: Internal Category [Description]:  
DataPool Category [Code]: 000000001.000000164.0000 DataPool Category [Description]: CHAMPAGNE

**Item Links**

00798452345342  
00798452222346  
00798452222124

Done Cancel

*New Item Publication - Details*

3. Click **Edit**. A screen where you can browse the internal classification is displayed. The internal classification list view is displayed by default.

**Browse Internal categories, and click to select...**

Internal Classification List View Internal Classification Tree View

| Internal Code | Description |
|---------------|-------------|
| 10000056      | Cocktails   |
| 10000066      | Seed        |

*Internal Classification List View*

4. Select the category to which you want to map the item. The item will be classified as per the selected internal category. The selected category will be mapped and the item and will be displayed on the screen.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | request for publication | stop synchronization | explore

Publication Notifications → Assign New Item to Category Thursday, October 28, 2004

**Task:Map Item Classifications**  
Date:Sat Oct 30 04:42:57 IST 2004  
Status:New

EAN.UCC Code: 798452345342 EAN.UCC Code Type: U.P.C. Case Code Num GTIN: 00798452345342  
Product Type: PALLET GTIN Name: QA\_Test\_B1\_Pallet

**Classification Information** edit view full item detail

Internal Category [Code]: 10000056 Internal Category [Description]: Cocktails  
DataPool Category [Code]: 000000001.000000164.0000 DataPool Category [Description]: CHAMPAGNE

**Item Links**

00798452345342  
0079845222346  
0079845222124

Done Cancel

*Map Item Classification- Category Selected*

- Click **Done**. A notification “New item Publication Approval Pending” is sent to the appropriate user(s). The notification is displayed under the *Manage Item->Notifications->Item change Publication* tab.

### Approving a New Item Publication

- Click on the **Notifications** link under the **Manage Publication** tab view. In the *Item Change Publications* tab view, click on the “New item Publication Approval Pending” notification. The details of the item are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | request for publication | stop synchronization | explore

Publication Notifications → Approve New Item Publication Thursday, October 28, 2004

**Task:Approve New Item Publication**  
Date:Sat Oct 30 04:49:26 IST 2004  
Status:New

EAN.UCC Code: 798452345342 EAN.UCC Code Type: U.P.C. Case Code Num  
GTIN: 00798452345342 Product Type: PALLET  
GTIN Name: QA\_Test\_B1\_Pallet Item Status:

**Global Attributes** Item Links TM/IP Attributes

**Global Attributes for All Variants**

Global

Brand Name: QA Invoice Name: all values  
Product Range: Sub Brand: all values  
Trade Item Group Identification: Trade Item Group Identification Description: all values  
Trade Item Form Variant Description:

Approve Reject Ignore Cancel

*Approve New Item Publication*

- To approve the item, click **Approve**. A notification “New Item Enrichment pending” is sent to the appropriate user(s). The notifications will appear in the *Manage items -> Notifications -> Item Change Request* tab view.

**Enriching a new Item.**

To enrich a new item:

1. Click on the **Notifications** link under the **Manage Item** tab view. Click on the **Item Change Request** tab. The *Item Change Request* tab view is displayed.

The screenshot shows the WebSphere Product Center interface. The 'Notifications' section is active, displaying a table of 'Item Change Request' notifications. The table has columns for Type, Id, Transaction Id, and Status. All entries show a status of 'New Item Publication Enrichment Pending'.

| Type | Id                              | Transaction Id    | Status                                  |
|------|---------------------------------|-------------------|---|
| GTIN | 00798452000005_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452333332_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452666669_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452111114_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452555550_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452999996_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452444441_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452888887_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452012343_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |
| GTIN | 00798452222223_US_0000609623334 | UCCNet_0000000344 | New Item Publication Enrichment Pending |

*Item Change Request*

2. Click on the item with the status as “New Item Publication Enrichment Pending”. The details of the item are displayed.

The screenshot shows the 'Enrich New Item' form in the WebSphere Product Center. The form is titled 'Task: Enrich item attributes from New Item Publication'. It contains various input fields for item attributes, including EAN.UCC Code, Global Trade Item Number, Language, Product Type, and GTIN Name. The 'Global Attributes' tab is selected, showing fields for Brand Name, Trade Item Group Identification Code, GLN, and Alternate Party Identification. The 'Synchronized' status is indicated.

Task: Enrich item attributes from New Item Publication  
Date: Sat Nov 06 11:17:42 IST 2004  
Status: New

EAN.UCC Code: 00798452000005  
Global Trade Item Number: 00798452000005  
Language: English (United Kingdom)  
Product Type: EACH  
GTIN Name: QA\_Each\_01  
Item Status: Synchronized

Global Attributes | Item Links | Variant Attributes

Global Attributes for All Variants

Global

Brand Name: QA  
Trade Item Group Identification Code:  
GLN [Brand Owner]:  
Additional Party Identification [Brand Owner]:  
Sub Brand:  
Trade Item Group Identification Description:  
Alternate Party Identification [Brand Owner]:  
Alternate Party Identification [Manufacturer of TradeItem 1]:

Complete Enrichment | Save | Cancel

*Enrich New Item*

3. Enter the values for various fields under the **Global attributes** tab.

- Under the **Item links** tab you can view the hierarchy existing for that particular item. You cannot edit the item links.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Publication Notifications → **Enrich New Item** Thursday, November 4, 2004

**Task: Enrich item attributes from New Item Publication**  
Date: Sat Nov 06 11:17:42 IST 2004  
Status: New

EAN.UCC Code: \* 00798452000005 EAN.UCC Code Type: \* EAN.UCC-14 (1-2-5-5-1)  
Global Trade Item Number: 00798452000005 Product Type: \* EACH  
Language: \* English (United Kingdom) GTIN Name: QA\_Each\_01 [all values]  
Item Status: Synchronized

Global Attributes Item Links Variant Attributes

**Product Hierarchy Information**

Parent [GTIN/s]: \*

| GTIN           | Name       | Type | View Item |
|----------------|------------|------|-----------|
| 00798452333332 | QA_Case_01 | CA   |           |

Children [GTIN/s]: \*

| GTIN | Name | Type | Quantity | View Item |
|------|------|------|----------|-----------|
|------|------|------|----------|-----------|

Complete Enrichment Save Cancel

*Enrich New Item – Item Links*

- Under the **variant attributes** tab, enter the values for fields under the **Logistics, General, Hazardous Materials** and **Partner Specific Local Attributes** tab.

Note: For a detailed description of all the Trade Item attributes refer to the UCCnet attribute starter Kit--*Attribute Starter Kit (UCCnet Mandatory XSD Attributes) 012904.pdf*

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Publication Notifications → **Enrich New Item** Thursday, November 4, 2004

**Task: Enrich item attributes from New Item Publication**  
Date: Sat Nov 06 11:17:42 IST 2004  
Status: New

EAN.UCC Code: \* 00798452000005 EAN.UCC Code Type: \* EAN.UCC-14 (1-2-5-5-1)  
Global Trade Item Number: 00798452000005 Product Type: \* EACH  
Language: \* English (United Kingdom) GTIN Name: QA\_Each\_01 [all values]  
Item Status: Synchronized

Global Attributes Item Links Variant Attributes

1. Select Target Market United States 2. Select Information Provider TRIGO SUPPLY

ITEM VARIANT STATUS :

Hazardous Allowance Partner Information Measures General Payment Terms Partner Specific Local Attributes

Dangerous Goods A Margin Number: Class Of Dangerous Goods:  
Dangerous Goods Hazardous Code: Dangerous Goods Packing Group:  
Dangerous Goods Regulation Code: Dangerous Goods Shipping Name:  
Flash Point Temperature:

Complete Enrichment Save Cancel

*Enrich New Item – Variant attributes*

- To complete the enrichment for the item, click **Complete Enrichment**. When all the users to whom an enrichment notification is sent, complete the enrichment process, a notification “New Item synchronization pending” is sent to the appropriate user(s).
- If you have not completed the enrichment and you want to save the item, click **Save**.

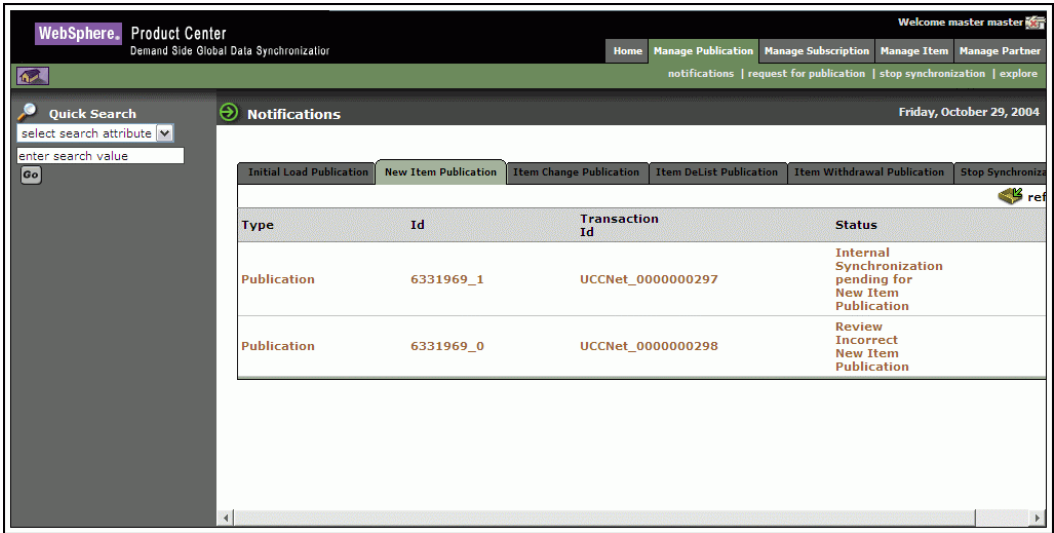


8. Click **Cancel** to exit without making any changes.

**Synchronizing an New Item Publication**

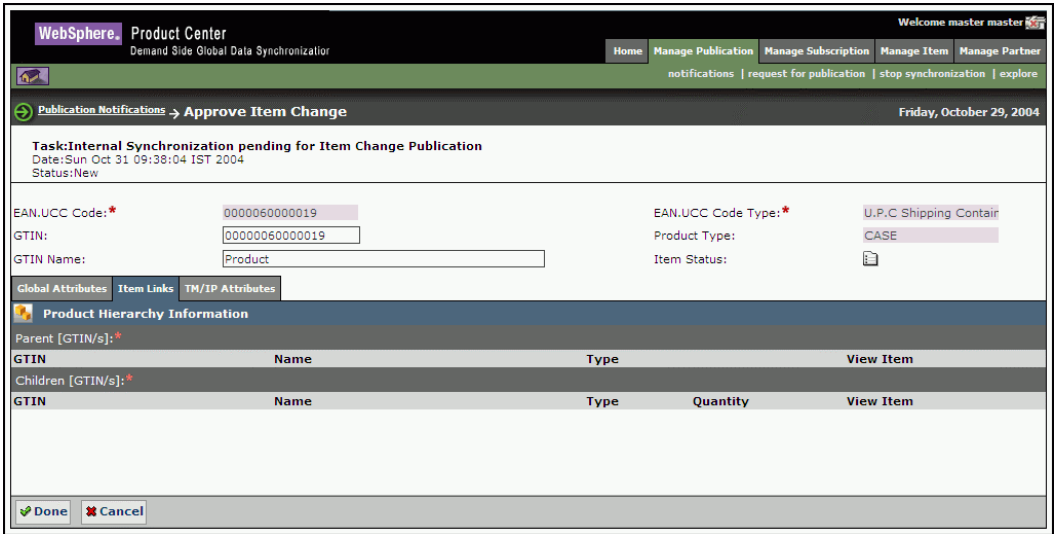
To synchronize a New Item Publication:

1. Under the *Manage Item* tab view, click on **Item Change Request** tab. The *Item Change Request* tab view is displayed.



*Manage Item – Item change Request*

2. Click on the notification “New Item Publication Synchronization Pending”. The details of the item are displayed.



*New Item Publication – Internal Synchronization*

3. You can view the details of item under the **Global Attributes, Item Link, TM/IP Attributes** tab.
4. To internally synchronize the item, click **Done**. The item will be internally synchronized. A notification “Internal Synchronization Completed” is sent to the appropriate user(s).

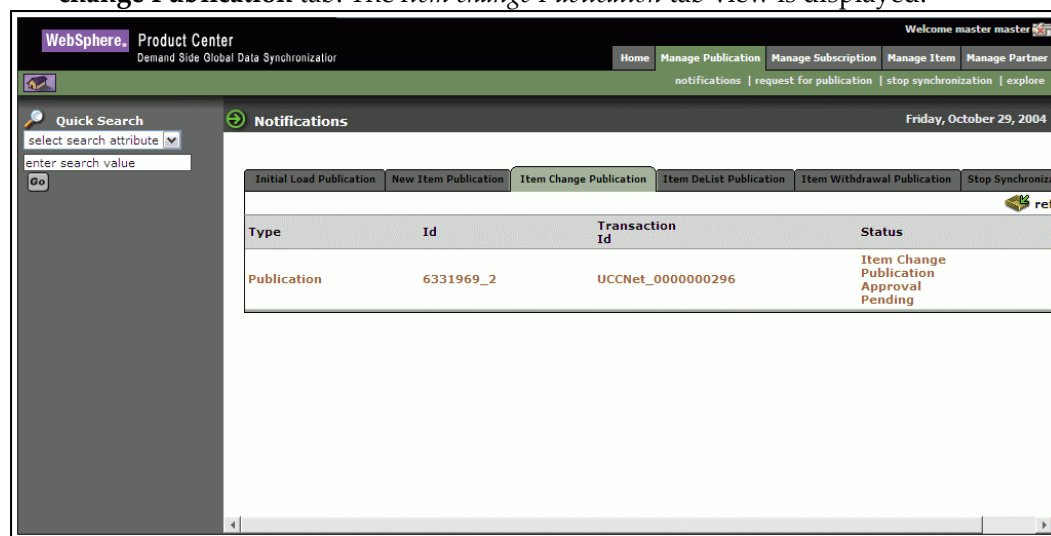
## Processing an Item Change Publication notification

When a changed item is published by the supplier, a notification “Item change approval pending” is displayed under the **New Item Publication** tab. The item has to go through the following steps.

- Item Change Approval
- Item enrichment
- Item synchronization

### To approve a changed item:

1. Click on the **Notifications** link under **Manage Publication** tab. Then click on the **Item change Publication** tab. The *Item change Publication* tab view is displayed.



The screenshot shows the WebSphere Product Center interface. The top navigation bar includes 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. The 'Manage Publication' tab is active, and the 'Notifications' link is selected. The 'Item Change Publication' sub-tab is also active. The main content area displays a table with the following data:

| Type        | Id        | Transaction Id    | Status                                   |
|-------------|-----------|-------------------|--|
| Publication | 6331969_2 | UCCNet_0000000296 | Item Change Publication Approval Pending |

*Item Change Publication*

2. Click on the notification “Item change approval pending”. The details of the item are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | request for publication | stop synchronization | explore

Publication Notifications → **Approve Item Change** Friday, October 29, 2004

**Task: Approve Item Change**  
Date: Sun Oct 31 09:21:16 IST 2004  
Status: New

EAN.UCC Code: 0000060000019 EAN.UCC Code Type: U2 GTIN: 0000060000019

Product Type: old: PK new: CA GTIN Name: old: name19 new: Product

Global Attributes Item Links TM/IP Attributes

Global Attributes for All TM/IP Variants

Trade Item Information: old: new: Trade Item Description Information: old: new:

Brand Name: old: new: Acme brand type 1 Brand Name: old: new:

Brand Name: old: new: Invoice Name: old: new:

Invoice Name: old: new: Invoice Name: old: new:

Product Range: old: new:

Approve Approve All Reject Ignore Cancel

### Approve Item Change

- You can approve either selected attributes or you can approve all the attributes. If you do not want to approve all the attributes, select the attributes you want to approve and Click **Approve Selected**. If you want to approve the entire set of attributes click **Approve all**. A notification “Item Change Publication Enrichment pending” is sent to the appropriate user(s). The notification can be viewed under *Manage Item->Item Change Request* tab view.
- Click **Reject all** if you want to reject all the attributes.

To enrich a changed Item:

- Under the *Manage Item* tab view, click on **Item Change Request** tab. The *Item Change Request* tab view is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Quick Search  
select search attribute  
enter search value  
Go  
advanced search

**Notifications** Friday, October 29, 2004

| Type | Id                              | Transaction Id    | Status                                     |
|------|---------------------------------|-------------------|--|
| GTIN | 00000600000026_US_0000609623334 | UCCNet_0000000292 | Item Change Publication Enrichment Pending |
| GTIN | 00000600000019_US_0000609623334 | UCCNet_0000000296 | Item Change Publication Enrichment Pending |

refresh

### Manage Item – Item change Request

- Click on the notification “Item Change Publication Enrichment Pending”. The details of the item are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Publication Notifications → Approve Item Change Friday, October 29, 2004

**Task: Enrich item attributes from Item Change Publication**  
Date: Sun Oct 31 09:31:49 IST 2004  
Status: New

EAN.UCC Code: \* 00000600000026 EAN.UCC Code Type: \* U.P.C Shipping Container  
GTIN: 00000600000026 Product Type: DISPLAY/SHIPPER  
GTIN Name: Acme product 2 Item Status: Synchronized

Global Attributes Item Links TM/IP Attributes

**Global Attributes for All Variants**

Global

Brand Name: Acme brand all values Invoice Name:   
Product Range: Sub Brand:   
Trade Item Group Identification Code: Trade Item Group Identification Description:   
Trade Item Form Description: Variant Description:   
Pack: \* 10 Inner Pack:

Save Complete Enrichment Cancel

### Item change Enrichment

- Enter the values for various fields under the **Global attributes** tab.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Publication Notifications → Approve Item Change Friday, October 29, 2004

**Task: Enrich item attributes from Item Change Publication**  
Date: Sun Oct 31 09:31:49 IST 2004  
Status: New

EAN.UCC Code: \* 00000600000026 EAN.UCC Code Type: \* U.P.C Shipping Container  
GTIN: 00000600000026 Product Type: DISPLAY/SHIPPER  
GTIN Name: Acme product 2 Item Status: Synchronized

Global Attributes Item Links TM/IP Attributes

**Product Hierarchy Information**

Parent [GTIN/s]: \*

| GTIN                 | Name | Type | View Item |
|----------------------|------|------|-----------|
| Children [GTIN/s]: * |      |      |           |
| GTIN                 | Name | Type | Quantity  |
|                      |      |      |           |

Save Complete Enrichment Cancel

### Item change Enrichment - Enrich Item Links

- Under the *Item Links* tab view the hierarchy existing for that particular Item is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Publication Notifications → **Approve Item Change** Friday, October 29, 2004

**Task: Enrich item attributes from Item Change Publication**  
Date: Sun Oct 31 09:31:49 IST 2004  
Status: New

EAN.UCC Code: 0000060000026 EAN.UCC Code Type: U.P.C Shipping Contain  
GTIN: 0000060000026 Product Type: DISPLAY/SHIPPER  
GTIN Name: Acme product 2 Item Status: Synchronized

Global Attributes Item Links TM/IP Attributes

Target Market: United States 2. Select Information Provider Trigo Demand Retail

ITEM VARIANT STATUS : Synchronized

Coupon Family Code:

Logistics FMCG Hazardous Materials General Partner Specific Local Attributes

Save Complete Enrichment Cancel

### *Item Change Publication – Enrich Variant Attributes*

- Under the variant attributes tab, enter the values for fields under the **Logistics**, **General**, **Hazardous Materials** and **Partner Specific Local Attributes** tab.

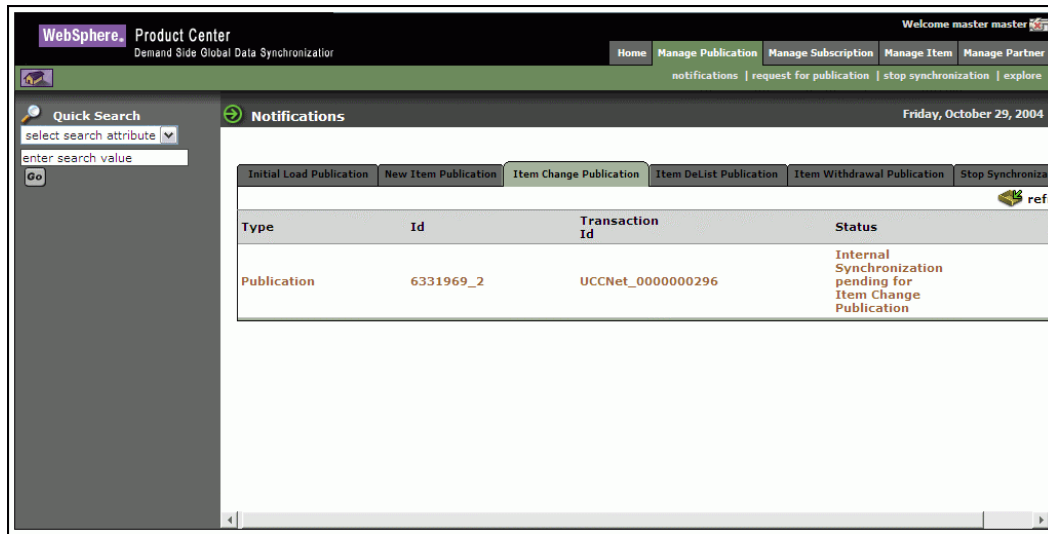
Note: For a detailed description of all the Trade Item attributes refer to UCCnet attribute starter Kit--Attribute Starter Kit (UCCnet Mandatory XSD Attributes) 012904.pdf

- To complete the enrichment process, click **Complete Enrichment**. A notification “Internal Synchronization Pending for Item Change Publication” is sent to the appropriate user(s). The notification can be viewed under the *Manage Publications->Item Change Publications* tab view.

### **Synchronizing an Item Change publication**

To synchronize an Item Change Publication:

- Under the *Manage Item* tab view, click on **Item Change Request** tab. The *Item Change Request* tab view is displayed.



### *Manage Item – Item change Request*

2. Click on the notification “Internal Synchronization Pending for Item Change Publication”. The details of the item are displayed.

### *Item Change Publication – Internal Synchronization*

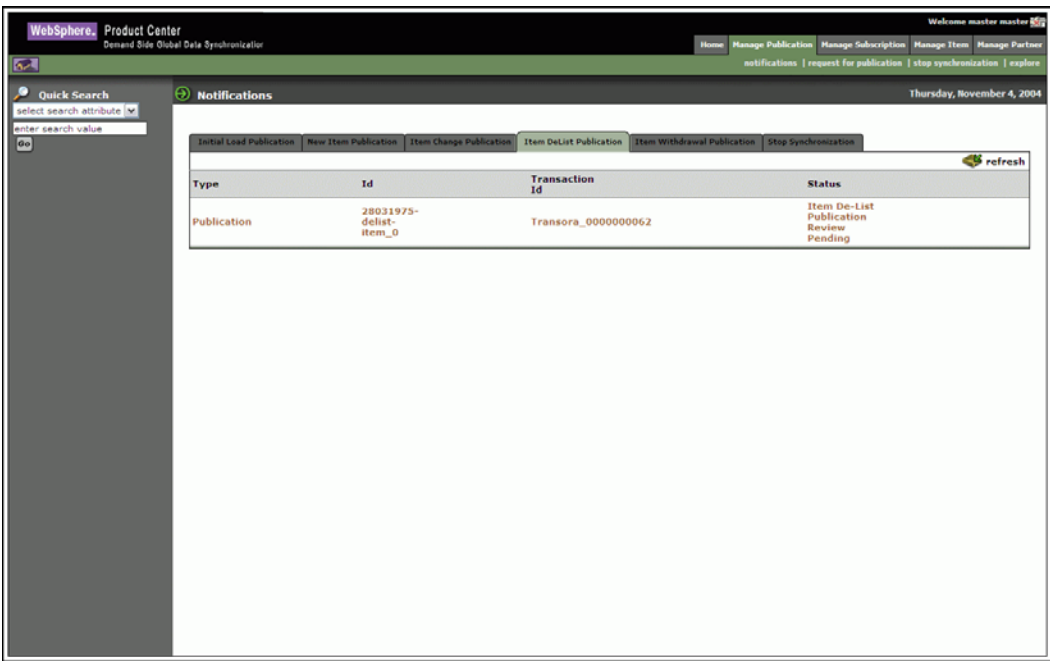
3. You can view the details of item under the **Global Attributes, Item Link, TM/IP (Variant Attributes)** tab.
4. To internally synchronize the item, click **Done**. The item will be internally synchronized. A notification “Internal Synchronization Completed” is sent to the appropriate user(s).

## Processing an Item Delist Publication

To review an Item Delist Publication:

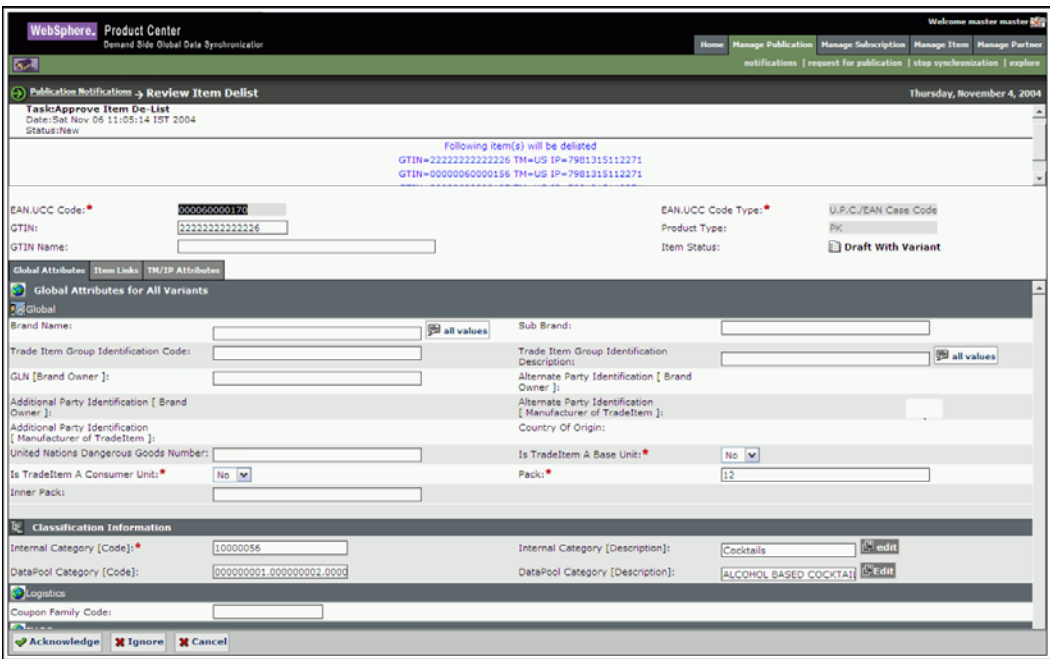
When you receive an item delist publication it goes through a validation process. If the item passes the validation process, then a notification “Item Delist review Pending” is sent to the appropriate user(s).

1. Click on the **Notifications** link under the **Manage Publication** tab. Click on the **Item DeList Publication** tab. The *Item DeList Publication* tab view is displayed.



Manage Items - >Item DeList Publication

2. Click on the “Item DeList review Publication Pending” notification. The details of the publication are displayed.



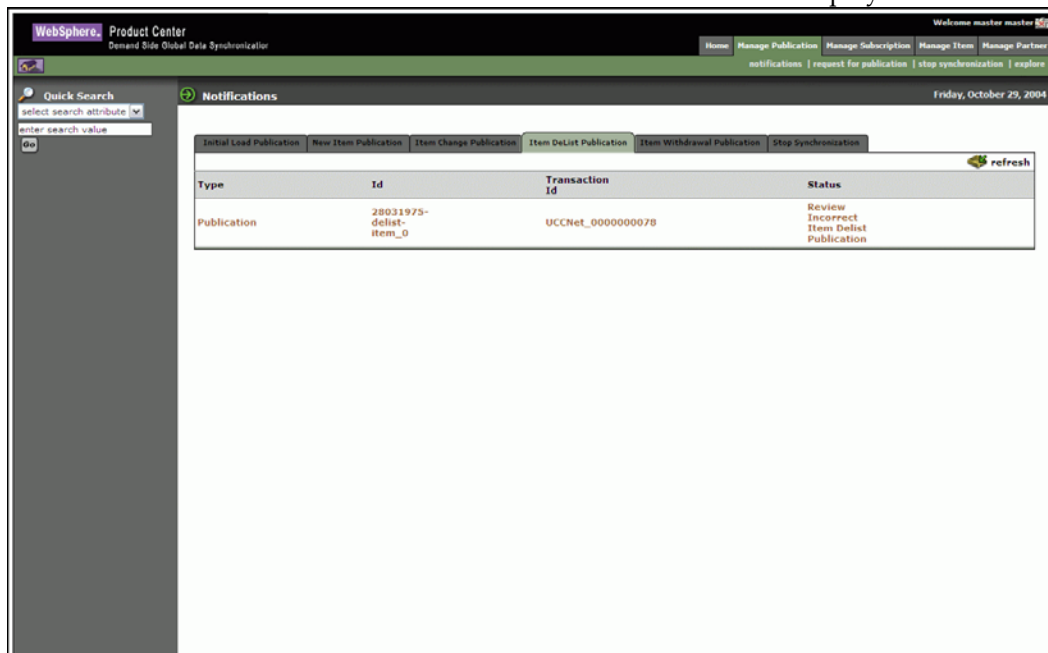
### Approve Item Delist

3. When an item is delisted, all the child links and the parent links for that particular item will be delisted.
4. Click **Acknowledge** to accept the delist publication. A message is sent to UCCnet data pool services rejecting any more publications for that particular item.
5. Click **Ignore** to ignore the delist notification. The notification will be deleted and no message will be sent to UCCnet data pool services.
6. Click **Cancel** to go back to the notification screen.

If the delist publication fails validation, a notification “Review Incorrect delist publication” is sent to the appropriate user(s).

To review a failed delist publication

1. Click on the **Notifications** link under the **Manage Publication** tab. Click on the **Item DeList Publication** tab. The *Item DeList Publication* tab view is displayed.



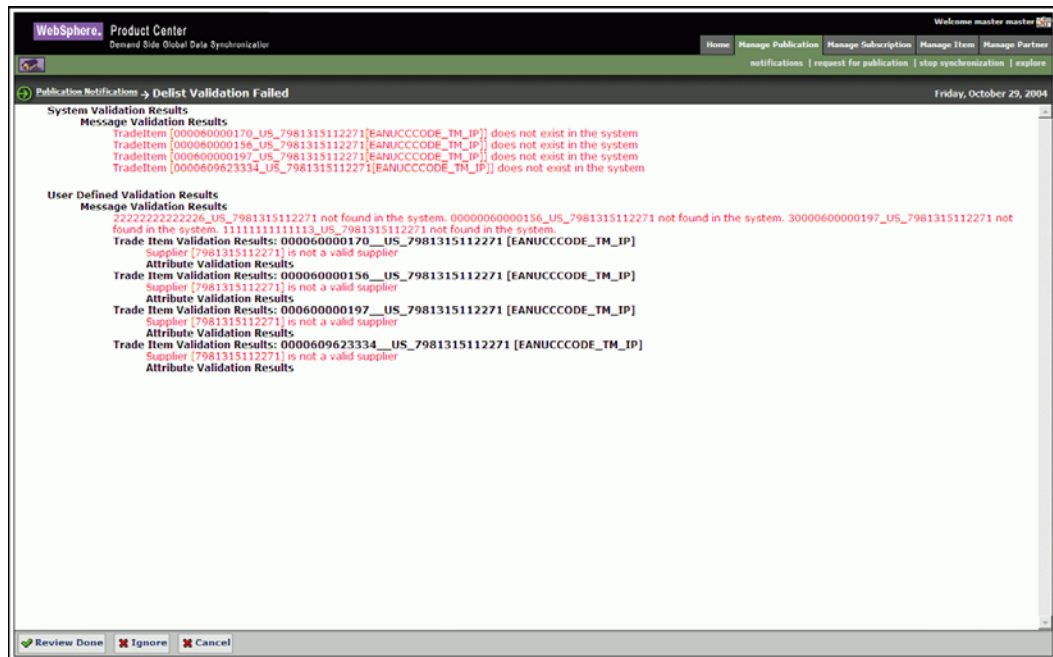
The screenshot shows the WebSphere Product Center interface. The top navigation bar includes links for Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. Below this, there are tabs for Initial Load Publication, New Item Publication, Item Change Publication, Item DeList Publication (which is selected), Item Withdrawal Publication, and Stop Synchronization. A table displays a single notification with the following details:

| Type        | Id                     | Transaction Id    | Status                                   |
|-------------|------------------------|-------------------|--|
| Publication | 28031973-delist-item_0 | UCCNet_0000000078 | Review Incorrect Item Delist Publication |

### Manage Items - >Item Delist Publication

2. Click on the “Review Incorrect Item Delist Publication” notification. The details of the publication are displayed.





### *Delist Validation Failed*

3. Click **Review Done** to complete the review. A validation failed message is sent to UCCnet data pool services with the failure details.
4. Click **Ignore** to ignore the delist notification. The notification will be deleted and no message will be sent to UCCnet data pool services.
5. Click **Cancel** to go back to the notifications screen.

Note: The user validation process can be turned off in the IBM Global Data Synchronization for WebSphere Product Center configuration. The item delist publication will not go through any validation process.

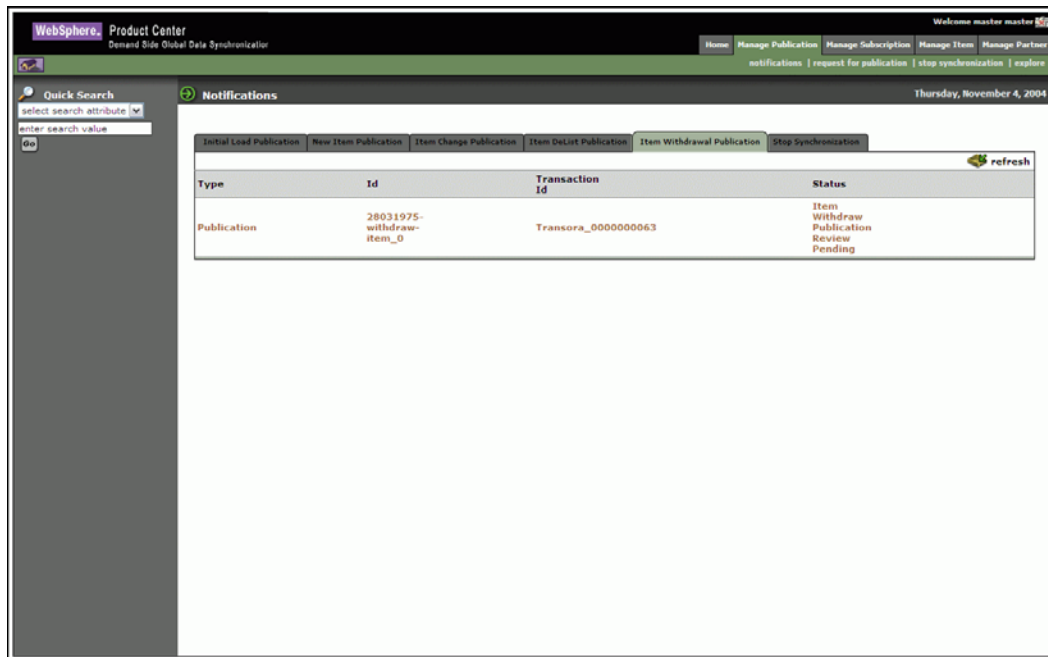
## Processing an Item Withdraw Publication

When a supplier temporarily withdraws the item from the registry, then an Item withdraw publication is sent to all users who have subscribed for that particular item.

To review an Item withdrawal Publication:

When you receive an item is withdraw publication, it goes through a validation process. If it passes the validation process, then a notification “Item Withdraw Publication Review Pending” is sent to the user.

1. Click on the **Notifications** link under the **Manage Publication** tab. Click on the **Item DeList Publication** tab. The *Item DeList Publication* tab view is displayed.



### Manage Items - >Item Withdrawal Publication

- Click on the “Item Withdrawal Publication Review Pending” notification. The details of the publication are displayed.

The screenshot shows the 'Review Item Withdraw' form. At the top, it says 'Task: Approve Item Withdrawal' with a date of 'Sat Nov 06 11:10:23 197 2004' and status 'New'. Below this, it states 'Following item(s) will be withdrawn' with a GTIN of '22222222222226' and a TM of 'US 7981315112271'.

Form fields include:

- EAN/UCC Code: 000060000170
- GTIN: 22222222222226
- GTIN Name: (empty)
- EAN/UCC Code Type: (empty)
- Product Type: PK
- Item Status: Draft With Variant

There are tabs for 'Global Attributes', 'Item Links', and 'TM/IP Attributes'. The 'Global Attributes' tab is active, showing fields for:

- Brand Name: (empty)
- Sub Brand: (empty)
- Trade Item Group Identification Code: (empty)
- Trade Item Group Identification Description: (empty)
- GLN [Brand Owner]: (empty)
- Alternate Party Identification [Brand Owner]: (empty)
- Additional Party Identification [Manufacturer of TradeItem]: (empty)
- Country Of Origin: (empty)
- United Nations Dangerous Goods Number: (empty)
- Is TradeItem A Base Unit: No
- Pack: 12
- Is TradeItem A Consumer Unit: No

Below these are 'Classification Information' fields:

- Internal Category [Code]: 10000056
- Internal Category [Description]: Cocktails
- DataPool Category [Code]: 00000001.000000002.0000
- DataPool Category [Description]: ALCOHOL BASED COCKTAIL
- Coupon Family Code: (empty)

At the bottom are buttons for 'Acknowledge', 'Ignore', and 'Cancel'.

### Approve Item Withdrawal

- When an item is withdrawn, all the child links and the parent links for that particular item will be withdrawn.

4. Click **Acknowledge** to accept the withdrawn publication. A message is sent to UCCnet data pool services rejecting any more publications for that particular item.
5. Click **Ignore** to ignore the withdrawn notification. The notification will be deleted and no message will be sent to UCCnet data pool services.
6. Click **Cancel** to go back to the notifications screen.

If the item withdraw publication fails validation, a notification “Review Incorrect withdraw publication” is sent to the appropriate user(s).

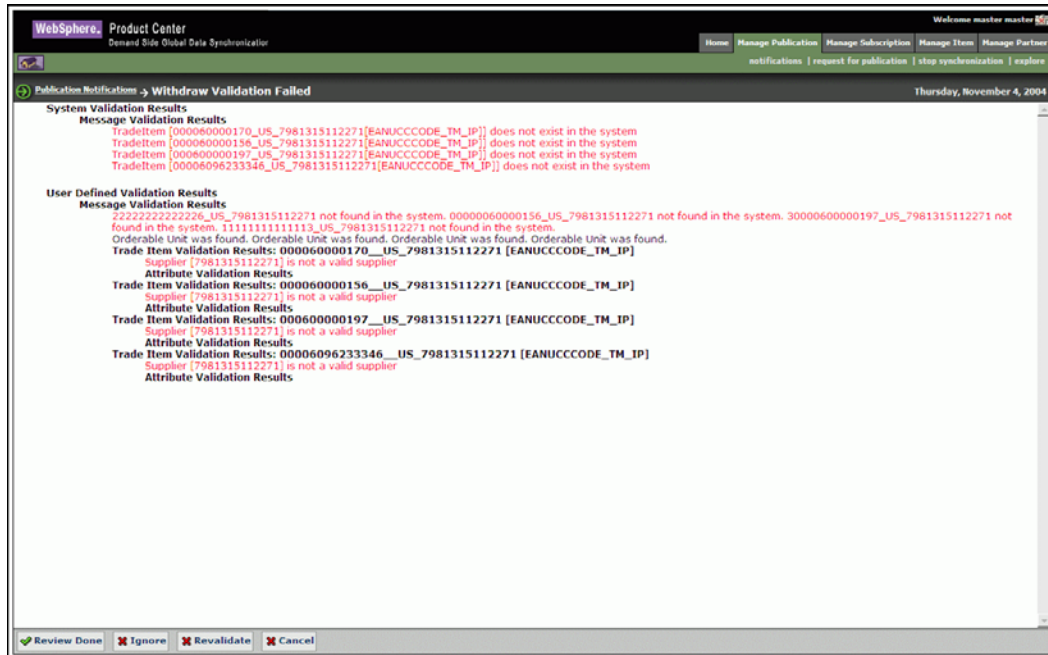
To review a failed withdraw publication:

1. Click on the **Notifications** link under the **Manage Publication** tab. Click on the **Item Withdraw Publication** tab. The *Item Withdrawal Publication* tab view is displayed.

| Type        | Id                       | Transaction Id      | Status                                     |
|-------------|--------------------------|---------------------|--|
| Publication | 28031975-withdraw-item_0 | Transora_0000000063 | Review Incorrect Item Withdraw Publication |

*Manage Items - >Item Withdrawal Publication*

2. Click on the “Review Incorrect Item Withdraw Publication” notification. The details of the publication are displayed.



#### *Withdraw Validation Failed*

3. Click **Review Done** to complete the review. A validation failed message is sent to UCCnet data pool services with the failure details.
4. Click **Ignore** to ignore the withdraw notification. The notification will be deleted and no message will be sent to UCCnet data pool services.
5. Click **Revalidate** to revalidate the publication.
6. Click **Cancel** to go back to the notifications screen.

Note: The user validation process can be turned off in the IBM Global Data Synchronization for WebSphere Product Center configuration. The item withdraw publication will not go through any validation process.

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## Ch 5 Manage Subscriptions and Filters

This chapter describes the various tasks related to managing subscriptions and filters within the IBM Global Data Synchronization for WebSphere Product Center application.

### Subscriptions

Subscription is a message used to establish a request for the update of trade item information for a data recipient on a continuous basis within Global Data Synchronization Network.

Subscriptions can be made based on any one of the following criteria-- GTIN, Category of the item, GLN of Information Provider and Category of the item, Target Market. Subscriptions remain valid until they are deleted.

In the IBM Global Data Synchronization for WebSphere Product Center application, you can subscribe to receive item information related to a particular GTIN from the manufacturer. You can view the GTINs that you have subscribed to.

You can add, delete subscriptions. You can edit a subscription that has not yet been added to the data pool.

### Filters

Filters are also used as a criterion for subscription. However if a subscription is made based on a filter, the filter criterion overrides the other subscription criteria.

You can create a filter based on any one of the following criteria -- GTIN, Category of the item, GLN of Information Provider and Category of the item, Target Market.

As in the case of subscriptions, filters are created in IBM Global Data Synchronization for WebSphere Product Center and added to the UCCnet data pool.

You can add, edit and delete filters.

. Topics:

- [View Notifications](#)
- [Create Filter](#)
- [Edit Filter](#)
- [Delete Filter](#)
- [Create Subscription](#)
- [Edit Subscription](#)
- [Delete subscription](#)
- [Query Subscription](#)
- [Explore Subscriptions and Filters](#)

### View Notifications

You can view all notifications related to subscriptions in the *Notifications* page. This page contains the following tabs:

- Subscription Requests
- Filter Requests
- Query Subscription Requests

To view the list of notifications for each, click on the corresponding tab. The *Subscription Request* tab view is displayed by default.

| Type          | Id             | Transaction Id    | Status                                 |
|---------------|----------------|-------------------|--|
| Subscriptions | SUB_0000000073 | UCCNet_0000000688 | Subscription Approved                  |
| Subscriptions | SUB_0000000074 | UCCNet_0000000682 | Subscription Deletion Approval Pending |
| Subscriptions | SUB_0000000064 | UCCNet_0000000628 | Subscription Approved                  |
| Subscriptions | SUB_0000000063 | UCCNet_0000000624 | Subscription Deletion Approval         |
| Subscriptions | SUB_0000000062 | UCCNet_0000000614 | Subscription Add Message Successful    |
| Subscriptions | SUB_0000000061 | UCCNet_0000000605 | Subscription Approved                  |
| Subscriptions | SUB_0000000060 | UCCNet_0000000603 | Subscription Approved                  |
| Subscriptions | SUB_0000000059 | UCCNet_0000000601 | Subscription Approved                  |

### *Manage Subscription – Subscription Request*

To view the details of a notification, click on the notification message. The details of that notification are displayed.

Notifications that are for information only can be viewed and dismissed. To remove the notification from the list, click on the **Delete** icon.

## **Create Filter**

To create a filter:

1. In the *Manage Subscription* tab view, click on the **create filter** link. The *Create Filter* page is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home | Manage Publication | Manage Subscription | Manage Item | Manage Partner

notifications | **create filters** | edit filters | create subscription | edit subscription | query subscription | explore

**Create Filter** Friday, November 5, 2004

Filter name: \*

☒ Public ☐ Private

**Select one**

☒ GTIN

OR

☐ Category

OR

☐ GLN

Category

### *Manage Subscriptions – Create Filter*

2. In the Filter name field, type a name for the filter.
3. Select the option **Public** or **Private**.

**Note:** When you choose Public, users of other companies will also be able to access the filter. If you choose Private, the filter will be accessible only by users of your company.

4. Specify one of the following options:
  - a. Select **GTIN**. Using the **Lookup** icon select a GTIN. The selected GTIN is displayed in the text box.
  - b. In the **Category** field, specify the category for the GTIN using the **Lookup** icon.
  - c. You can also choose to create a filter based on a particular category for a particular target market. You will have to specify both **Category** and **GLN**. Specify the GLN using the **Lookup** icon.
5. Click **Create Filter**. A page displaying the details of the filter is displayed.

The screenshot shows the 'View Filter' page in the WebSphere Product Center. The page title is 'View Filter' and the date is 'Friday, November 5, 2004'. The filter name is 'Filter223344'. The 'Public' radio button is selected, and the 'Private' radio button is unselected. Under 'Select one', the 'GTIN' radio button is selected, and the value '00798452564538' is entered in the text field. The 'Category' and 'GLN' radio buttons are unselected. There are 'OR' operators between the GTIN field and the Category field, and between the Category field and the GLN field. The Category and GLN text fields are empty. At the bottom, there are four buttons: 'Save', 'Submit For Approval', 'Delete', and 'Cancel'.

*Create Filter – View Filter*

6. To submit the filter for approval, click **Submit For approval**. The notification message “Filter Approval Pending” is sent to the appropriate user. This notification is displayed in the *Filter Requests* tab view.
7. If you want to save the filter as a draft click **Save**.
8. To delete the filter click **Delete**. For more information on deleting filters refer to the [Delete Filters](#) Section
9. Click **Cancel** to exit the page.

## Approve Filter

To approve a new filter:

1. Click on **Manage Subscriptions** tab. Click on the **notifications** link. In the *Filter Requests* tab view, click on the notification message “Filter Approval Pending”. The details of the filter are displayed.



**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**Notification Message** Friday, November 5, 2004

**Task:Approve Filter**  
Date:Fri Nov 05 14:33:45 IST 2004  
Status:New

Filter name Filter2323

☒ Public ☐ Private

**Select one**

☒ GTIN 00798452345472

OR

☐ Category

OR

☐ GLN

Category

### Approve Filter

2. Click **Approve**. The filter is approved and the notification message "Filter Approved" is sent to the appropriate user.
3. To reject a filter, click **Reject**. The notification message "Filter Rejected" is sent to the appropriate user. This notification is displayed in the *Filter Requests* tab view.
4. Click **Cancel** to exit without making any changes.

## Add a filter to the data pool

1. In the *Manage Subscription* tab view, click on the **edit filter** link. The *Edit Filter* page is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**Search Subscription** Friday, November 5, 2004

Filter: -- Select Filter --

search results [click item to select] ->

no search results...

2. Search for the Filter that you want to add to the data pool. The search results are displayed in the **search results** area. For more information on performing search, refer the Search for items section in *Chapter 8- Search*

WebSphere Product Center  
Demand Side Global Data Synchronizer

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

Search Filter Friday, November 5, 2004

Filter Type: ☒ Public ☐ Private

Filter Name:

search results [click item to select] →

| Filter name           | Type   | Status           | View |
|-----------------------|--------|------------------|------|
| Filter223344          | Public | Draft            |      |
| Filter_63286423789429 | Public | Submitted To Add |      |
| Filter_Cat            | Public | Draft            |      |
| Filter_GTIN           | Public | Submitted To Add |      |
| test                  | Public | Approved         |      |

*Search Filter – Search Results*

3. Click on the filter you want to add to the data pool. The details of the filter are displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

View Filter Wednesday, November 10, 2004

Filter name: Filter\_364796392572348

☒ Public ☐ Private

Select one

☒ GTIN

OR

☐ Category

OR

☐ GLN

Category

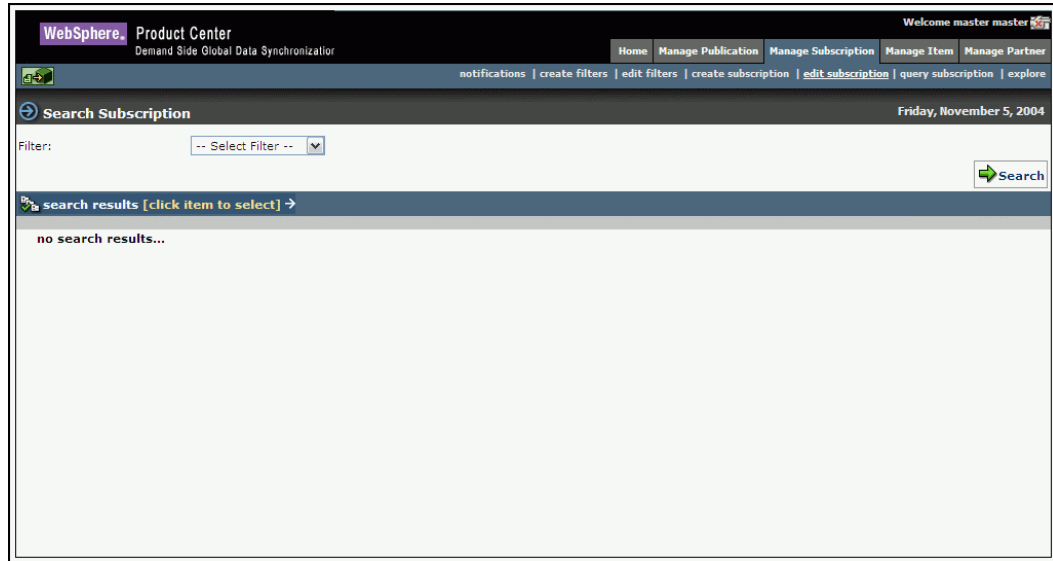
*View Filter Details*

4. Click **Add To Data Pool**. The filter will be added to the UCCnet data pool. The status of the item will be changed to “Submitted to Add”.

## Edit Filter

To edit a filter:

1. In the *Manage Subscription* tab view, click on the **edit filter** link. The *Edit Filter* page is displayed.



### *Manage Subscription – Edit filter*

2. Search for the Filter that you want to edit. The search results are displayed in the **search results** area. For more information on performing search, refer the Search for filters section in *Chapter 8- Search*.
3. In the search results area, click on the displayed filter. The details of that filter are displayed.

*Edit filter – Filter Details*

4. Click **Start Modification** to make the changes. The filter modification screen is displayed

5. Type in the values for the fields that you want to make changes. Click **Submit Modification For Approval**. A notification “Filter Modification approval Pending” is sent to the appropriate user(s).

Note: You cannot modify then name and the type (public/private) of the filter.

## Approve Edited Filter

To approve an edited filter:

1. In the *Filter Request* tab view, click on the notification “Modify filter Approval Pending”. The details of the filter are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home | Manage Publication | Manage Subscription | Manage Item | Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**Notification Message** Friday, November 5, 2004

**Task: Approve Filter**  
Date: Fri Nov 05 13:13:36 IST 2004  
Status: New

Filter name: Filter223344  
☒ Public ☐ Private

Select one  
☒ GTIN: 00798452564538  
 OR  
☐ Category:   
 OR  
☐ GLN:   
 Category:

### *Filter Modification Approval*

2. To approve the filter, click **Approve**. The notification message “Modify Filter approved” is sent to the appropriate user(s).
3. To reject the item, click **Reject**. The notification message “Modify filter Rejected” is sent to the appropriate users(s).
4. The notifications are displayed in the *Filter Request* tab view.
5. Click **Cancel** to exit without making any changes.

## **Delete Filter**

A Filter can be deleted when it is any one of the following status:

- Draft
- Approved
- Added

### **Delete Filter - Draft status:**

1. Click on the **Edit Filter** link, the *Search Filter* page is displayed.
2. Search for the filter that you want to delete. For more information on search refer to the Search for Filters section in *Chapter 8 Search*.
3. From the search results select the filter you want to delete. If the Filter is in the “Draft” status, the details of the filter are displayed as shown in the following example.



The screenshot shows the 'View Filter' page in the WebSphere Product Center. The filter name is 'Filter\_2234546'. It is set to 'Public' status. The filter criteria are defined by a series of 'OR' conditions: 'GTIN' (empty), 'GLN' (empty), 'Target market' (United States), 'Category' (empty), and 'GLN' (empty). There is also an 'AND' condition for 'Category' (empty). The page includes navigation links at the top and a footer with buttons: 'Save', 'Delete', 'Submit For Approval', and 'cancel'.

*Delete filter – Filter in Draft Status*

4. Click on **Delete** button. The filter is deleted.

## Delete filter - Approved status

1. Click on the Edit Filter link, the *Search Filter* page is displayed.
2. Search for the filter you want to delete. For more information on search refer to the Search for Filters section in *Chapter 8 Search*.
3. From the search results select the filter you want to delete. If the Filter is in the “Approved” status, the details of the filter are displayed as shown in the following example.

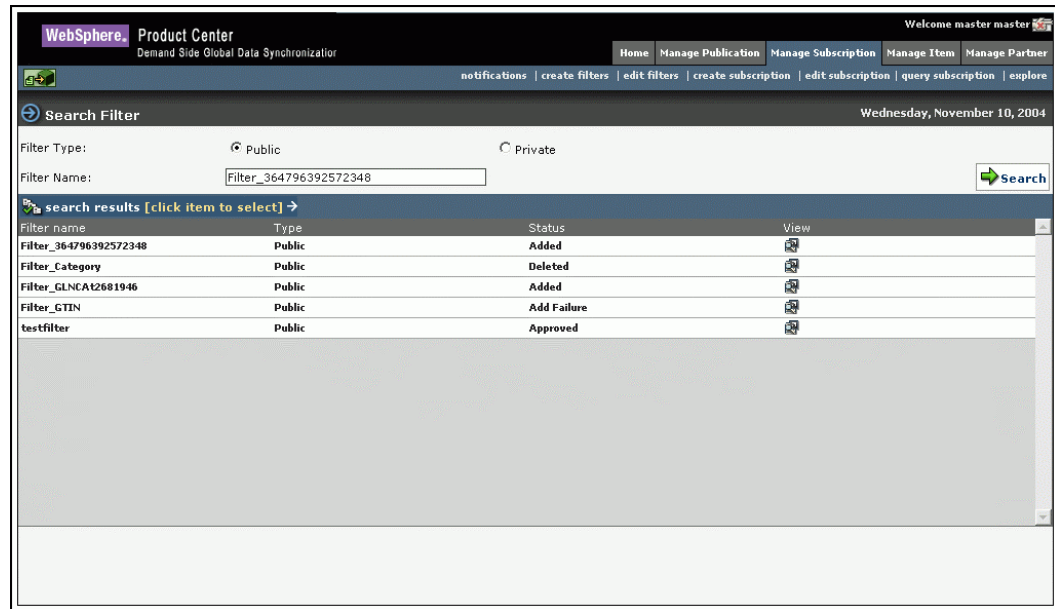
The screenshot shows the 'View Filter' page in the WebSphere Product Center for a filter in Approved Status. The filter name is 'Filter\_231038120'. It is set to 'Public' status. The filter criteria are defined by a series of 'OR' conditions: 'GTIN' (empty), 'GLN' (empty), 'Target market' (Canada), 'Category' (empty), and 'GLN' (empty). There is also an 'AND' condition for 'Category' (empty). The page includes navigation links at the top and a footer with buttons: 'Submit For Deletion Approval', 'Add To Data Pool', and 'cancel'.

*Delete Filter – Filter in Approved Status*

4. Click on **Submit for Deletion Approval** button. A notification “Deletion approval pending” is sent to the appropriate users

## Delete filter - Added status

1. Click on the Edit Filter link, the *Search Filter* page is displayed.
2. Search for the filter you want to delete. For more information on search refer to the Search for Filters section in *Chapter 8 Search*.



The screenshot shows the 'Search Filter' page in the WebSphere Product Center. The page has a header with 'WebSphere Product Center' and 'Demand Side Global Data Synchronization'. Below the header is a navigation bar with links: Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. A secondary navigation bar contains links: notifications, create filters, edit filters, create subscription, edit subscription, query subscription, and explore. The main content area is titled 'Search Filter' and includes a 'Filter Type' section with radio buttons for 'Public' (selected) and 'Private'. Below this is a 'Filter Name' search box containing 'Filter\_364796392572348' and a 'Search' button. The search results are displayed in a table with the following data:

| Filter name            | Type   | Status      | View |
|------------------------|--------|-------------|------|
| Filter_364796392572348 | Public | Added       |      |
| Filter_Category        | Public | Deleted     |      |
| Filter_GLNCA12681946   | Public | Added       |      |
| Filter_GTIN            | Public | Add Failure |      |
| testfilter             | Public | Approved    |      |

*Search Filters – Search Results*

3. From the search results select the filter you want to delete. From the search results select the filter you want to delete. If the Filter is in the “Added” status, the details of the filter are displayed as shown in the following example.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

View Filter Wednesday, November 10, 2004

Filter name Filter\_364796392572348

☒ Public ☐ Private

Select one

☒ GTIN

OR

☐ Category

OR

☐ GLN

Category

#### *Delete filter – Filter in Added Status*

- Click **Delete and Submit for Approval**. A notification “Filter Deletion Approval Pending” is sent to the appropriate user(s). The notification appears under **Filter Requests** tab.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

Quick Search  
select search attribute  
enter search value

Notifications Wednesday, November 10, 2004

| Type    | Id                     | Transaction Id    | Status                           |
|---------|------------------------|-------------------|----------------------------------|
| Filters | Filter_364796392572348 | UCCNet_0000000060 | Filter Deletion Approval Pending |
| Filters | testfilter             | UCCNet_0000000041 | Filter Approved                  |
| Filters | Filter_ApproveDelete   | UCCNet_0000000031 | Filter Deletion Approved         |
| Filters | Filter_Category        | UCCNet_0000000007 | Filter Deletion Successful       |
| Filters | Filter_GLNCA2681946    | UCCNet_0000000010 | Filter Modification Successful   |
| Filters | Filter_GTIN            | UCCNet_0000000006 | Filter Add Message Failure       |

#### *Filter Requests Tab*

- Click on the “Filter deletion approval Pending notification”. The details of the filter are displayed.



WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

Notification Message Wednesday, November 10, 2004

**Task: Approve Filter Deletion**  
Date: Wed Nov 10 17:21:24 IST 2004  
Status: New

Filter name Filter\_364796392572348  
☒ Public ☐ Private

**Select one**  
☒ GTIN   
 OR  
☐ Category   
 OR  
☐ GLN   
 Category

6. Click **Approve** to approve the filter.
7. Click **Reject** to reject the filter. A notification “Filter Deletion Rejected” is sent to the appropriate user(s).
8. Click **Cancel** to exit without making any changes.
9. If you click Approve, then the filter a screen to send deletion message to UCCnet data pool services is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

View Filter Wednesday, November 10, 2004

Filter name Filter\_364796392572348  
☒ Public ☐ Private

**Select one**  
☒ GTIN   
 OR  
☐ Category   
 OR  
☐ GLN   
 Category

*View Filter – Send Deletion Message*

10. Click **Send Deletion Message**. A filter deletion message is sent to UCCnet data pool services.
11. Click **Cancel** to exit without making any changes.

## Approve Deleted Filter

To approve a deleted filter:

1. In the *Filter Request* tab view, click on the notification “Filter Deletion Approval Pending”. The details of the filter are displayed.

The screenshot shows a web application interface for 'WebSphere Product Center'. The top navigation bar includes links like 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below this is a sub-navigation bar with 'notifications', 'create filters', 'edit filters', 'create subscription', 'edit subscription', 'query subscription', and 'explore'. The main content area is titled 'Notification Message' and shows a task titled 'Task: Approve Filter Deletion' with a date of 'Fri Nov 05 14:23:49 IST 2004' and status 'New'. The form contains fields for 'Filter name' (set to 'Filter\_GTIN1'), 'Public' (selected) and 'Private' radio buttons, and a 'Select one' section with 'GTIN' (selected) and 'Category' radio buttons. The 'GTIN' field contains the value '0079845222124'. There are 'OR' separators between the 'GTIN' and 'Category' sections. At the bottom, there are three buttons: 'Approve' (with a green checkmark), 'Reject' (with a red X), and 'Cancel' (with a red X).

### Approve Filter Deletion

2. To approve the deletion of the filter, click **Approve**. The notification message “Filter Deletion Approved” is sent to the appropriate user(s).
3. To reject the deletion of the filter, click **Reject**. The notification message “Filter Deletion Rejected” is sent to the appropriate users(s).
4. The notifications are displayed in the *Filter Request* tab view.

Note: When you delete a filter, it is locally deleted in the application. It will be permanently removed from the system only after the system administrator runs the purge scripts. The filter will no longer appear in the search results. If you delete a filter that is already added to the UCCnet data pool, it appears in the search results with status “Deleted”.

## Create Subscription

You can create a subscription to be added the data pool, to receive publications for an item. The subscriptions can be based on any one of the following:

- GTIN – This should be a valid trade item number.

- GLN of Information Provider + Item Category – These should be a list of values that are already in the application.
- Target Market – This should be a valid target market number.
- Category – This should be a valid item category.





The IBM Global Data Synchronization for WebSphere Product Center application stores all the subscriptions that you have previously added to UCCnet data pool.

Note: If there is an existing record of the subscription in the UCCnet data pool, you get an error message saying that there is a duplication of subscription.

To create a subscription:

1. In the *Manage Subscription* tab view, click on the **create subscription** link. The *Create Subscription* page is displayed.

#### *Manage Subscriptions – Add Subscription*

2. Specify one of the following options:
  - d. Select **GTIN**. Using the **Lookup**  icon select a GTIN. The selected GTIN is displayed in the text box.
  - e. Select **Target Market**. Using the **Lookup**  icon select a target market. The selected target market is displayed in the text box.
  - f. You can also subscribe based on a particular GLN and Category combination. Using the **Lookup**  icon select a GLN. The selected GLN is displayed in the text box. In the **Category** field, specify the category for the GTIN using the **Lookup**  icon.
3. From the **Filters** drop-down menu, select a filter. Only those filter names that have been added to the data pool will be displayed in the drop down menu.

Note: The filter criterion overrides the other subscription criterion

4. In the **Recipient's GLN** field, specify the recipient's GLN.
5. Click **Create Subscription**. A subscription is created. No notifications are sent for the creation of a new subscription. The screen to submit the subscription for approval is displayed.

The screenshot shows the 'View Subscription' form in the WebSphere Product Center. The form is titled 'View Subscription' and includes a date 'Friday, November 5, 2004'. It features a 'Select one' section with radio buttons for 'GTIN', 'Target market', 'Category', and 'GLN'. Each option has a corresponding text input field and a small icon. The 'GTIN' field contains the value '00798452345472'. Below these options is a 'Filter' dropdown menu with the text '-- Select Filter --'. At the bottom of the form is a 'Recipient's GLN\*' field with the value 'abc'. The form is surrounded by a navigation bar with links like 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. At the bottom of the form are buttons for 'Save', 'Submit For Approval', 'Delete', and 'Cancel'.

#### *Edit Subscription – Subscription Details*

6. Click **Submit For Approval**. A notification "Subscription Approval Pending" is sent to the appropriate user(s). The notification is displayed in the *Subscription Requests* tab view

## Approve a new subscription

To approve a new subscription:

1. In the *Subscription Request* tab view, click on the notification "Modify Subscription Approval Pending". The details of the subscription are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home | Manage Publication | **Manage Subscription** | Manage Item | Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**View Subscription** Friday, November 5, 2004

**Task: Approve Subscription**  
Date: Fri Nov 05 15:00:55 IST 2004  
Status: New

**Select one**

☒ GTIN

OR

☐ Target market

OR

☐ Category

OR

☐ GLN

Category

Filter

Recipient's GLN\*

#### *Approve Subscription – Subscription Details*

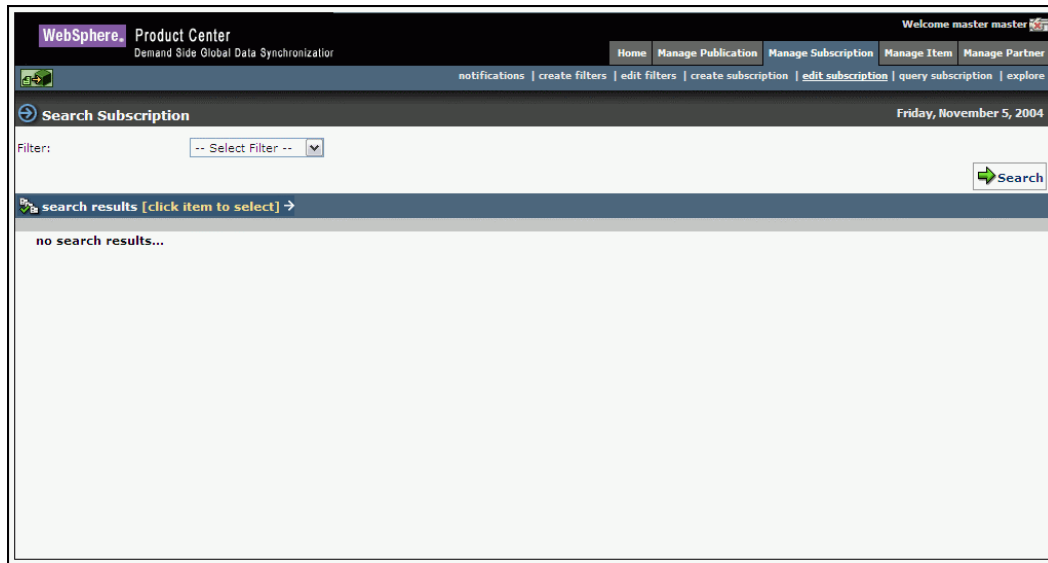
2. To approve the subscription click **Approve**. The notification message “Subscription approved” is sent to the appropriate user(s).
3. To reject the item, click **Reject**. The notification message “Modify Subscription Rejected” is sent to the appropriate users(s).
4. The notifications are displayed in the *Subscription Requests* tab view.

### **Add a subscription to the Data Pool**

You can add approved subscriptions into the data pool.

To add a subscription to the data pool:

1. Under the **Manage Subscriptions** tab, click on the **Edit Subscription** link, the *Search Subscription* page is displayed.



### *Manage subscriptions – Edit Subscriptions*

2. Search for the subscription that you want to add to the data pool. For more information on search refer to the Search for Subscriptions section- *Chapter 8 Search*. From the search results select the subscription you want to add to the data pool. The details of the subscription are displayed.

### *Subscription Details*

3. Click **Submit For Add**. The subscription will be submitted to the data pool.

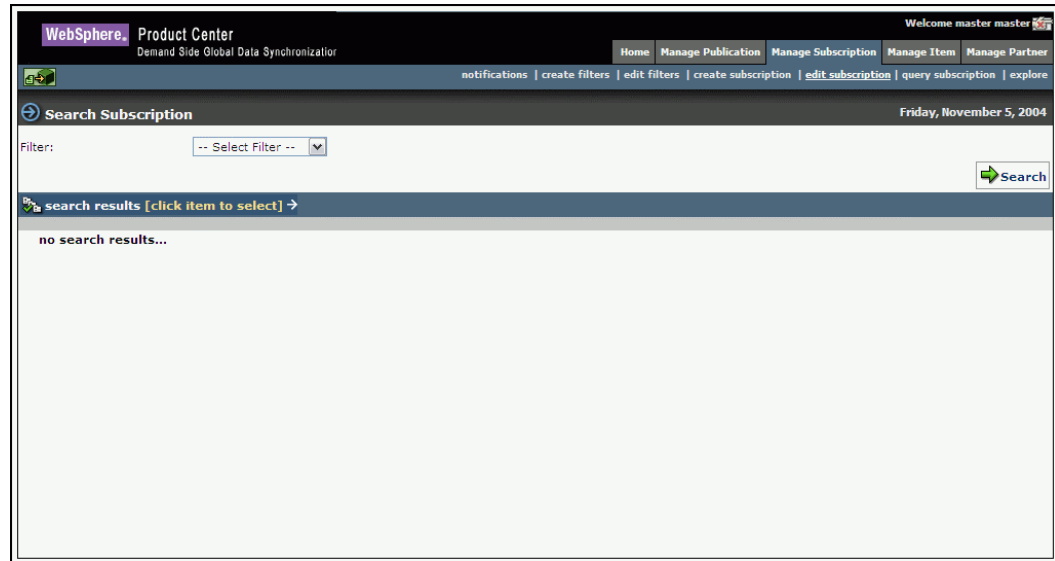
**Note:** Only subscriptions that have been approved status can be submitted to the data pool.

## Edit Subscription

Note: You can edit only those subscriptions that have not been added to the data pool.

To edit a subscription:

1. In the *Manage Subscription* tab view, click on the **edit subscription** link. The *Edit Subscription* page is displayed.



### Manage subscriptions – Edit Subscriptions

2. Search for the subscription you want to edit. For more information on search refer to the Search for Subscriptions section in *Chapter 8 Search*.



**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**Search Subscription** Wednesday, November 10, 2004

Filter: -- Select Filter --

**search results [click item to select]**

| ID             | GTIN            | Target Market | Category                       | DataSource GLN | Recipient's GLN | Status   | View |
|----------------|-----------------|---------------|--------------------------------|----------------|-----------------|----------|------|
| SUB_0000000001 | 222211111111115 |               |                                |                | 0000609623334   | Added    |      |
| SUB_0000000002 |                 | US            |                                |                | 111111111111116 | Added    |      |
| SUB_0000000004 |                 |               | 000000001.000000002.000000013  | 0000609623334  | 222222222222222 | Added    |      |
| SUB_0000000003 |                 |               | 000000001.000000002.000000013  |                | 111111111111116 | Deleted  |      |
| SUB_0000000006 |                 |               | 000000001.000000164.0000000963 | 0000609623334  | 222222222222222 | Added    |      |
| SUB_0000000007 |                 |               | 000000001.000000164.000000172  | 0000609623334  | 111111111111116 | Approved |      |

### *Search Subscriptions – Search Results*

- From the list of subscriptions choose the subscription that you want to edit. The details of the subscription are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**View Subscription** Friday, November 5, 2004

Select one

☐ GTIN

☒ Target market

☐ Category

☐ GLN

Category

Filter: -- Select Filter --

Recipient's GLN\* tp2

Save Submit For Approval Delete Cancel

### *Edit Subscription – Subscription Details*

- Make the appropriate changes and click **Submit For Approval**. A notification "Subscription Approval Pending" is sent to the appropriate user(s). The notification is displayed in the *Subscription Requests* tab view.



## Approve Edited Subscription

To approve an edited subscription:

1. In the *Subscription Request* tab view, click on the notification “Subscription Approval Pending” for a particular subscription that you want to approve. The details of the subscription are displayed.

The screenshot shows the 'View Subscription' page in the WebSphere Product Center. The page header includes 'WebSphere Product Center' and 'Demand Side Global Data Synchronizer'. The main content area displays task information: 'Task: Approve Subscription', 'Date: Fri Nov 05 12:59:00 IST 2004', and 'Status: New'. Below this, there are search filters: 'Select one' with radio buttons for 'GTIN', 'Target market', 'Category' (selected), and 'GLN'. The 'Category' filter has a value of '000000001.000000002.000000013'. There is also a 'Filter' dropdown set to '-- Select Filter --' and a 'Recipient's GLN' field with the value 'UCCnet Retailer'. At the bottom, there are three buttons: 'Approve', 'Reject', and 'Cancel'.

### *Approve Subscription – Subscription Details*

4. To approve the subscription click **Approve**. The notification message “Modify Subscription approved” is sent to the appropriate user(s).
5. To reject the item, click **Reject**. The notification message “Subscription Rejected” is sent to the appropriate users(s).
6. The notifications are displayed in the *Subscription Requests* tab view.

## Delete Subscription

A Filter can be deleted when it is any one of the following status:

- Draft
- Approved
- Added

### Delete Subscription – Subscription in Draft status:

1. Click on the Edit Subscription link, the Search Subscription page is displayed.

2. Search for the subscription you want to delete. For more information on search refer to the Search for subscription section in *Chapter 8 Search*.
3. From the search results select the subscription you want to delete. If the subscription is in “Draft” status then, the details of the subscription are displayed as shown in the following example.

The screenshot shows the 'View Subscription' page in the WebSphere Product Center. The page is titled 'View Subscription' and has a date of 'Friday, November 5, 2004'. The page contains a form with the following fields:

- Select one** (radio buttons):
  - ☐ GTIN
  - ☒ Target market
  - ☐ Category
  - ☐ GLN
- OR** (separator)
- Target market** (text field): United States
- OR** (separator)
- Category** (text field)
- OR** (separator)
- GLN** (text field)
- Category** (text field)
- Filter** (dropdown menu): -- Select Filter --
- Recipient's GLN\*** (text field): tp2

The bottom of the page has four buttons: **Save**, **Submit For Approval**, **Delete**, and **Cancel**.

#### *Subscription Details*

4. Click **Delete**. The subscription is deleted from the local database.

### **Delete Subscription – Subscription in Approved status**

1. Click on the Edit subscription link, the Search Subscription page is displayed.
2. Search for the subscription that you want to delete. For more information on search refer to the Search for Subscriptions section in *Chapter 8 Search*. From the search results select the subscription you want to delete. If the subscription is in “Approved” status then, the details of the subscription are displayed as shown in the following example.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

View Filter Friday, November 5, 2004

Filter name Filter\_Cat

☒ Public ☐ Private

Select one

☒ GTIN 0079845222346

OR

☐ Category

OR

☐ GLN

Category

Save Delete and Submit For Approval Add To Data Pool Cancel

### Subscription Details

3. Click **Delete and Submit For Approval**. A notification "Subscription Deletion Approval Pending" is sent to the appropriate user(s)

### Delete Subscription – Subscription in Approved status

1. Click on the Edit subscription link, the *Search Subscription* page is displayed.
2. Search for the subscription you want to delete. For more information on search refer to the Search for Subscriptions section in *Chapter 8 Search*. From the search results select the subscription you want to delete. If the subscription is in "Added" status then, the details of the subscription are displayed as shown in the following example.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**View Subscription** Wednesday, November 10, 2004

Select one

☐ GTIN

OR

☐ Target market

OR

☐ Category

OR

☒ GLN

Category

Filter

Recipient's GLN\*

### Subscription Details

- Click **Delete and Submit For Approval**. A notification "Subscription Deletion Approval Pending" is sent to the appropriate user(s). The notification will appear under the **Subscription Request** tab.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**Notifications** Wednesday, November 10, 2004

Quick Search  
select search attribute  
enter search value

Subscription Request Filter Request Query Subscription Request

refresh

| Type          | Id             | Transaction Id    | Status                                   |
|---------------|----------------|-------------------|--|
| Subscriptions | SUB_0000000006 | UCCNet_0000000035 | Subscription Deletion Approval Pending   |
| Subscriptions | SUB_0000000007 | UCCNet_0000000044 | Subscription Approved                    |
| Subscriptions | SUB_0000000005 | UCCNet_0000000032 | Subscription Deletion Approved           |
| Subscriptions | SUB_0000000003 | UCCNet_0000000014 | Subscription Deletion Message Successful |
| Subscriptions | SUB_0000000004 | UCCNet_0000000016 | Subscription Add Message Successful      |
| Subscriptions | SUB_0000000002 | UCCNet_0000000012 | Subscription Add Message Successful      |
| Subscriptions | SUB_0000000001 | UCCNet_0000000004 | Subscription Add Message Successful      |

### Subscription Request Notifications

- Click on the "Subscription Deletion Approval Pending" notification. The details of the subscription will be displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**View Subscription** Wednesday, November 10, 2004

Select one

☐ GTIN

OR

☐ Target market

OR

☐ Category

OR

☒ GLN Trigo Supply

Category 000000001.000000164.000000963

Filter --- Select Filter ---

Recipient's GLN\* ramesh2

Send Deletion Message Cancel

### *View Subscription*

5. Click **Send Deletion Message**. A deletion message for that particular subscription is sent to UCCnet data pool services.
6. Click **Cancel** to exit without making any changes.

## Approve a Deleted Subscription

To approve a deleted subscription:

1. In the *Subscription Requests* tab view, click on the notification "Subscription Deletion Approval Pending". The details of the subscription are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create filters | edit filters | create subscription | edit subscription | query subscription | explore

**View Subscription** Friday, November 5, 2004

**Task: Approve Subscription**  
Date: Fri Nov 05 12:59:00 IST 2004  
Status: New

Select one

☐ GTIN

OR

☐ Target market

OR

☒ Category 000000001.000000002.000000013

OR

☐ GLN

Category

Filter --- Select Filter ---

Recipient's GLN\* UCCnet Retailer

Approve Reject Cancel

### *Subscription Details*



2. To approve the deletion, click **Approve**. A notification “Subscription Deletion Approved” is sent to the appropriate users(s).

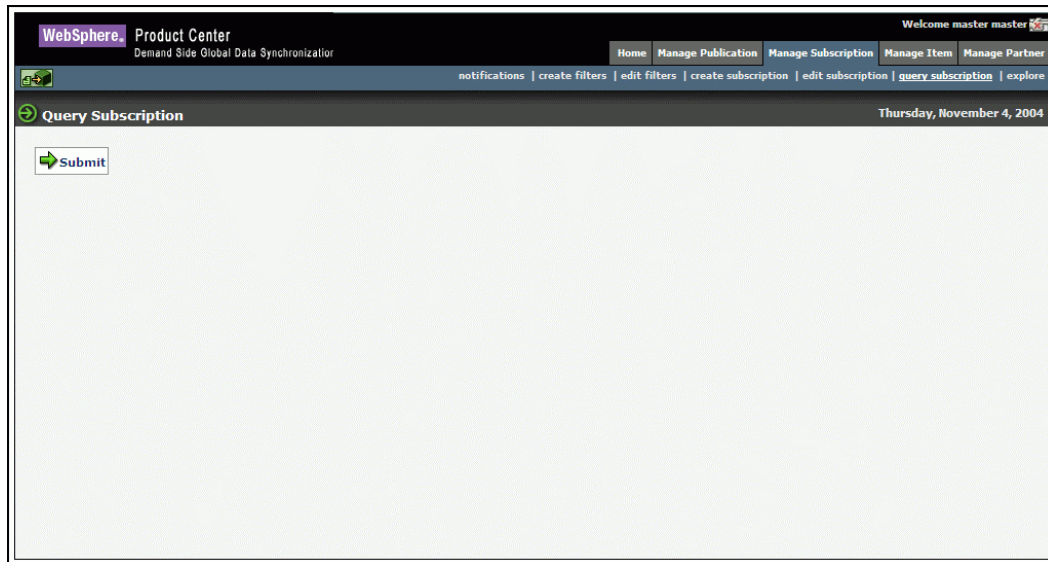
Note: When you delete a subscription, it is locally deleted in the application but will be permanently removed from the system only after the system administrator runs the purge scripts. The subscription will no longer appear in the search results.

If you delete a subscription that is already added to the UCCnet data pool, it appears in the search results with status “Deleted”.

## Query Subscription

You can query for a subscription to view all the subscriptions made by your company.

To query a subscription, click on the **Query Subscription** link under that **Manage Items** link. The *Query Subscription* page is displayed.



### Query Subscription

In the *Query Subscription* page, click on the **Submit** button and the results will be sent to you as a notification. You can view this notification in the *Query Subscription Requests* tab view.

## Explore Subscriptions and Filters

For information about performing a search for Subscriptions and Filter, refer the section Search Publications in *Chapter 8 – Search*.

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## Ch 6 Manage Items

This chapter describes the various tasks related to managing trade items within the IBM Global Data Synchronization for WebSphere Product Center application.

You can view and process information on trade items and item hierarchies. You can create, edit, modify, or delete items and item hierarchies as required.

Topics include:

- [View Notifications](#)
- [Create Items](#)
- [Edit Items](#)
- [Create Hierarchy](#)
- [Edit Hierarchy](#)

Note: During application setup, you can create a list of approvers for various item category+ target market+ information provider combinations. You can also choose to turn the approval process on or off. For more information, refer the *IBM Global Data Synchronization for WebSphere Product Center Installation and Configuration Guide*.

You can create an item and edit an item from the *Home* page also. The tasks are displayed in **Quick Tasks** on the left navigation pane.

### **View Notifications**

You can view all notifications related to item requests in the *Notifications* page. This page contains the following tabs:

- New Item Request
- Item Change Request
- Item Hierarchy Request
- Query Item Request

To view the list of notifications for each, click on the corresponding tab. The *New Item Request* tab view is displayed by default.

| Type | Id                            | Transaction Id    | Status                                   |
|------|-------------------------------|-------------------|--|
| GTIN | 768576353536_US_7981315112271 | UCCNet_0000000136 | New Item Approval Pending                |
| GTIN | 54532342342346                | UCCNet_0000000138 | Item Global Attribute Enrichment Pending |
| GTIN | _11111111111_US_7981315112271 | UCCNet_0000000135 | New Item Approved                        |

### Manage Item - Notifications

Each notification is represented by a GTIN. To view the details of a notification, click on the notification. The details of that notification are displayed.

## Create Items

You can create an item by providing basic information about the item. This creates a record of that item in the item repository of the IBM Global Data Synchronization for WebSphere Product Center application. You can then submit the item for enrichment. Users from different departments can then add to the working record by providing additional information about that item.

The item is validated and a working record of the item is stored in the item repository of the IBM Global Data Synchronization for WebSphere Product Center application.

### Procedure

To create an item:

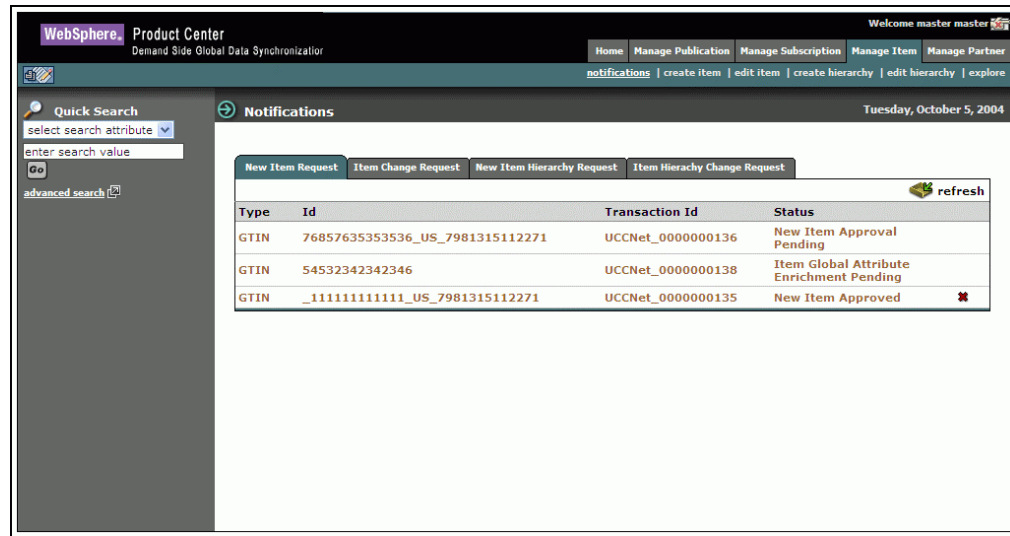
- Create GTIN
- Enrich Global Attributes
- Create Item Links (Optional)
- Create Variant
- Enrich Local Attributes
- Submit for Compliance Check
- Submit for Approval
- Approve Item

### Create GTIN

To create the GTIN code:



1. In the *Home* page, click on the **Manage Item** tab. The *Manage Item* tab view is displayed.



*Manage Item Tab View*

Click on the **create item** link. The *Create Item* page is displayed.

**Create New Item**

EAN.UCC Code Type: \* -- Select EAN.UCC Code Type --

EAN.UCC Code: \*

GTIN:

GTIN Name:

Core Extensions: \* FMCG

Product Type: \* -- Select Product Type --

**Classification Information**

Internal Category [Code]: \* Internal Category [Description]: edit

DataPool Category [Code]: DataPool Category [Description]: edit

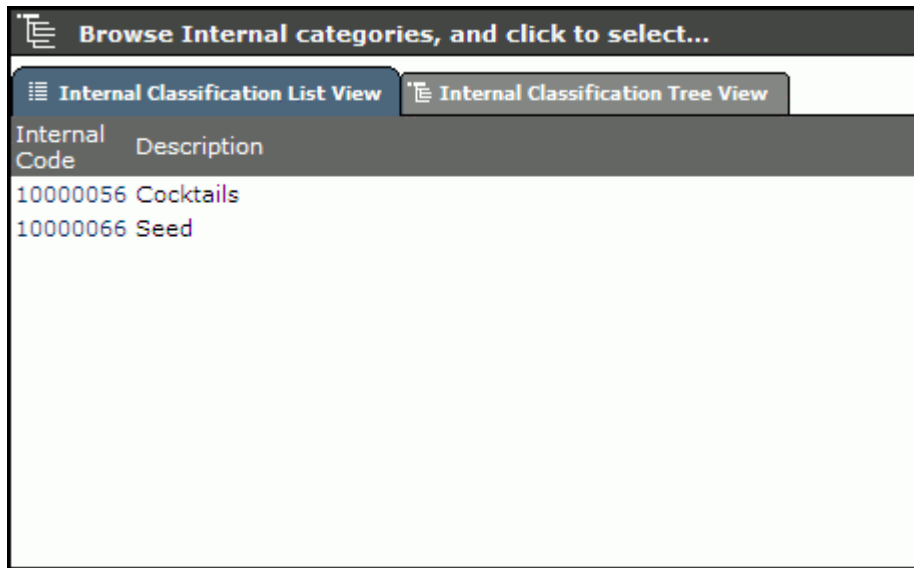
Create GTIN Cancel

*Manage Item – Create New Item*

2. From the **EAN.UCC Code Type** drop-down menu, select the EAN.UCC code type.
3. In the **EAN.UCC Code** field, type the EAN.UCC code.
4. In the **GTIN** field, type the Global Trade Item Number of the item.
5. In the **GTIN Name** field, type the name of the trade item.
6. From the **Core Extensions** drop-down menu, select the Core Extension of the Trade Item
7. From the **Product Type** drop-down menu, select the indicator for the trade item. Options available are Case, Pallet, Each, Pack, Display/Shipper, Setpack, Prepack, Prepack/Assortment and Mod Pallet (Mixed).

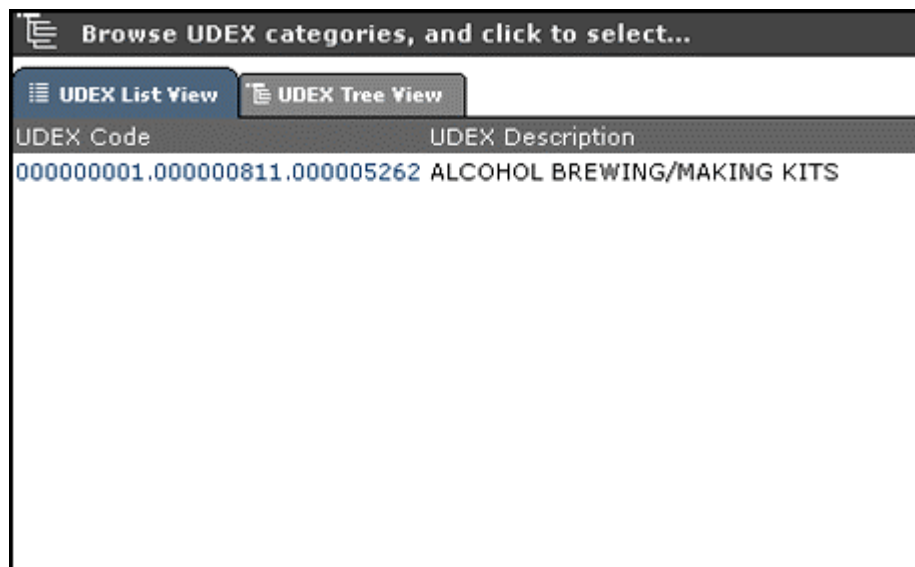
8. Under **Classification Information**:

- a. Specify the code and the description for the internal category. To do this, click **edit**. The *Internal Classification List View* is displayed.



*Internal Classification List View*

- b. Click on the category code. The *Internal Classification List View* is closed. The category code and the description for that category are automatically displayed in the **Internal Category [Code]** and **Internal Category [Description]** fields.
- c. You can also select the category code from the tree view. Click on the **UDEX Tree View** tab. The *UDEX Tree View* is displayed
- d. Specify the code and the description for data pool category. To do this, click **edit**. The *UDEX List View* is displayed.




### UDEX List view

Click on the category code. The UDEX List view is closed. The category code and the description for that category are automatically displayed in the **Data Pool Category[Code]** and **DataPool Category [Description]**

9. Click **Create GTIN**. The GTIN is created and the message “Item created successfully.” is displayed along with additional fields.

The screenshot shows the 'Edit Item' page in the WebSphere Product Center. At the top, there's a navigation bar with 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below this is a sub-navigation bar with 'notifications', 'create item', 'edit item', 'create hierarchy', 'edit hierarchy', 'query item', and 'explore'. The main heading is 'Edit Item' with a date 'Monday, October 25, 2004'. A message 'Item created successfully.' is displayed. The form contains several input fields: 'EAN.UCC Code' (1223445678988), 'Global Trade Item Number' (1223445678988), 'Language' (English (United Kingdom)), 'Product Type' (U.P.C Shipping Container Code (1-2-5-5)), and 'GTIN Name'. There's also a 'Draft' button. Below the main form is a section for 'Global Attributes' with a tab for 'Item Links'. Under 'Global Attributes for All Variants', there are fields for 'Brand Name', 'Product Range', 'Trade Item Group Identification Code', 'Trade Item Form Description', 'Invoice Name', 'Sub Brand', 'Trade Item Group Identification Description', 'Variant Description', and 'Inner Pack'. At the bottom, there are three buttons: 'Save GTIN', 'Delete GTIN', and 'Submit Global Attributes for Enrichment'.

### Manage Item – Item Created Successfully

Note: If a GTIN is not specified by the user then a temporary GTIN is created based on the EAN.UCC.Code prefixed with an “\_” (underscore). This GTIN is represented by the  icon.

10. You can enrich the global attributes or send the item for global enrichment. For information about enriching global attributes, refer the section “Enrich Global Attributes”.
11. To send the item for global enrichment, click **Submit Global Item Attributes For Enrichment**. The notification message “Item Global Attribute Enrichment Pending” is sent to the appropriate user(s) for global enrichment.

### Enrich Global Attributes for an Item:

When an item is submitted for global enrichment, the appropriate user(s) are notified to enrich the item.

To enrich the global attributes:

1. In the *New Item Request* tab view, click on the notification “Item Global Attribute Enrichment Pending”. The details of the notification are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

**Task: Enrich Item Global Attribute**  
Date: Fri Nov 05 19:59:05 IST 2004  
Status: New

EAN.UCC Code: \* 1234543456765 EAN.UCC Code Type: \* EAN.UCC-13 (7-5-1)  
Global Trade Item Number: 12345443445557 Product Type: \* DISPLAY/SHIPPER  
Language: \* English (United Kingdom) GTIN Name: food Products all values  
Item Status: Draft

**Global Attributes for All Variants**

Global

Brand Name: Kellogg's all values Sub Brand:   
Trade Item Group Identification Code: Trade Item Group Identification Description:   
GLN [Brand Owner]: Alternate Party Identification [Brand Owner]:   
Additional Party Identification: GLN [Manufacturer of Trade Item 1]:   
Save Global Attributes Done

### Create Item – Global Enrichment

2. Enter the values in the various fields.

Note: For a detailed description of all the Trade Item attributes refer to the UCCnet attribute starter Kit--*Attribute Starter Kit (UCCnet Mandatory XSD Attributes) 012904.pdf*

3. If you want to create trade item links, click on the **Item Links** tab. This is optional. For more information, refer *Create Item Links* section.
4. Click **Done**. The notification “Item Global Attribute Enrichment Completed” is sent to the appropriate user(s). The notification is displayed in the *New Item Request* tab view.

Note: If the notification for enriching the global attributes is sent to more than one user, then only after all the users responsible for enrichment click **Done**, the notification “Item Global Attribute Enrichment Completed” is sent.

If only one person is responsible for enriching the global attributes, then once the enrichment is complete, the notification is sent.

5. If you want to create item links, click on the **Item Links** tab. For more information, refer *Create Item Links* section. This is optional.
6. Click **Done**. The notification “Item Global Attribute Enrichment Completed” is sent to the appropriate user (s). The notification is displayed in the *New Item Request* tab view.

## Create Item Links

You can create item links when enriching global attributes or while enriching TM/IP variants. These links can be created when creating a new item or creating a hierarchy. For information about creating a hierarchy, refer *the Create Hierarchy* section.

To create item links while creating a new item:

1. Click on the **Item Links** tab. The *Item Links* tab view is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Thursday, November 4, 2004

Item created successfully.

EAN.UCC Code: \* 5555555555555555 EAN.UCC Code Type: \* EAN.UCC-13 (7-5-1)

Global Trade Item Number: 6666666666666668 Product Type: \* CASE

Language: \* English (United Kingdom) GTIN Name: th1

Item Status: Draft

Global Attributes Item Links

**Product Hierarchy Information**

Parent [GTIN/s]: \* add

| GTIN                     | Name | Type | View Item |
|--------------------------|------|------|-----------|
| Children [GTIN/s]: * add |      |      |           |
| GTIN                     | Name | Type | Quantity  |
| View Item                |      |      |           |

Save GTIN Delete GTIN Submit Global Attributes for Enrichment

#### Create new item - Item Links Tab View

2. To add a parent GTIN, click **add**. The *Search* page is displayed. Search for the GTIN that you want to add as a parent and click **Next**.

Note: For more information on creating links, refer to the [Create Hierarchy](#) section under the same chapter.

3. To add children to the parent GTIN, click **add** and repeat the procedure in step 2.

For more information on Search, refer *Chapter 8 – Search*.

4. Click **Save GTIN**. The links are saved.

Note: If you are creating the links when enriching the global attributes, the notification “Item Global Attribute Enrichment Completed” is sent to the appropriate user. If you are creating the links when enriching the TM/IP variants, the notification “Item Variant Attribute Enrichment Completed” is sent to the appropriate user(s). These notifications are displayed in the *New Item Request* tab view.

## Create Variant

To create a Variant:

1. In the *Manage Item* tab view, click on the **edit item** link. The *Edit Item* page is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Search Item** Friday, November 5, 2004

**Find Items**

GTIN:  EAN.UCC Code:

GTIN Name:  Brand Name:

Product Type: -- Select Product Type -- Status: --- select status ---

**search results [click item to select]**

2. Search for the notification for which you want to create a variant. The search results are displayed in the *search results* area.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Search Item** Friday, November 5, 2004

**Find Items**

GTIN:  EAN.UCC Code:

GTIN Name:  Brand Name:

Product Type: -- Select Product Type -- Status: --- select status ---

**search results [click item to select]**

| EAN.UCC Code   | GTIN           | GTIN Name         | Product Type | Internal Category | Status       |
|----------------|----------------|-------------------|--------------|-------------------|--------------|
| 00798452124350 | 00798452124350 | QA_Test_B1_Pallet | PALLET       | 10000056          | Synchronized |
| 798452222124   | 00798452222124 | QA_Test_B1_Each   | EACH         | 10000056          | Synchronized |
| 798452222346   | 00798452222346 | QA_Test_B1_Case   | CASE         | 10000056          | Synchronized |
| 798452345342   | 00798452345342 | QA_Test_B1_Pallet | PALLET       | 10000056          | Synchronized |
| 00798452345472 | 00798452345472 | QA_Test_B1_Case   | CASE         | 10000056          | Synchronized |

3. Click on the GTIN. The details of the GTIN are displayed.



**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

EAN.UCC Code:\* 1223423334343 EAN.UCC Code Type:\* EAN.UCC-13 (7-5-1)  
Global Trade Item Number: 12323434343532 Product Type:\* CASE  
Language:\* English (United Kingdom) GTIN Name: test\_h1

Item Status: Global Enrichment Completed

**Global Attributes** **Item Links**

**Global Attributes for All Variants**

Global

Brand Name:  all values Sub Brand:

Trade Item Group Identification Code:  Trade Item Group Identification Description:

GLN [Brand Owner]:  Alternate Party Identification [Brand Owner]:

Additional Party Identification [Brand Owner]:  Alternate Party Identification [Manufacturer of Trademark]:

Additional Party Identification [Manufacturer of Trademark]:  Country Of Origin:

Save GTIN Delete GTIN Submit for Variant Creation

#### Submit For Variant Creation

- Click **Submit for Variant Creation**. The notification message “Item Variant Creation Pending” is sent to the appropriate user to create the variant and the notification is displayed in the *New Item Request* tab view.

Note: You can submit only those items for variant creation for which the global enrichment is completed.

- If you receive “Item Variant Creation Pending” notification, click on the notification message. The *Variant Attributes* tab view is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Quick Search**  
select search attribute  
enter search value  
Go  
advanced search

**Notifications** Friday, November 5, 2004

| Type | Id                              | Transaction Id    | Status                                     |
|------|---------------------------------|-------------------|--|
| GTIN | 12323434343532_XX_XX            | UCCNet_0000000098 | Item Variant Creation Pending              |
| GTIN | 12345678912343_LT_7981315112271 | UCCNet_0000000112 | Item Variant Attribute Enrichment Pending  |
| GTIN | 00798452872138_AE_0087493154830 | UCCNet_0000000127 | New Item Approved                          |
| GTIN | 41334687984764_LT_0000078945647 | UCCNet_0000000095 | Item Variant Attribute Enrichment Pending  |
| GTIN | 22211111999998                  | UCCNet_0000000104 | Item Global Attribute Enrichment Completed |
| GTIN | 22211111888889                  | UCCNet_0000000096 | Item Global Attribute Enrichment Pending   |
| GTIN | 22211111777774                  | UCCNet_0000000087 | Item Global Attribute Enrichment Completed |
| GTIN | 34234211111119                  | UCCNet_0000000083 | Item Global Attribute Enrichment Pending   |

refresh

#### Item Variant Creation Notification

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

**Task: Create Item Variant**  
Date: Fri Nov 05 15:35:38 IST 2004  
Status: Pending Variant Creation

EAN.UCC Code: \* 1223423334343 EAN.UCC Code Type: \* EAN.UCC-13 (7-5-1)  
Global Trade Item Number: 12323434343532 Product Type: \* CASE  
Language: \* English (United Kingdom) GTIN Name: test\_h1 [all values](#)

Item Status: **Pending Variant Creation**

Global Attributes Item Links Variant Attributes

1. Select Target Market 2. Select Information Provider [go](#) [add variant](#)

ITEM VARIANT STATUS :

| FMCG                               | Payment Terms | Partner Information | Measures | General                       | Allowance | Hazardous | Partner Specific Local Attributes |
|------------------------------------|---------------|---------------------|----------|-------------------------------|-----------|-----------|-----------------------------------|
| TradeItem Genetically Modified: No |               |                     |          | Ingredient Irradiated: No     |           |           |                                   |
| TradeItem Irradiated: No           |               |                     |          | Raw Material Irradiated: No   |           |           |                                   |
| Degree of original wort:           |               |                     |          | Fat Percentage In Dry Matter: |           |           |                                   |
| Percentage Of Alcohol By Volume:   |               |                     |          |                               |           |           |                                   |

[Save Variant](#)

### Create Item Variant

6. Click **add variant**. The *Add Variant* dialog box is displayed.

**title**

**Target Market:**  [Look Up](#)

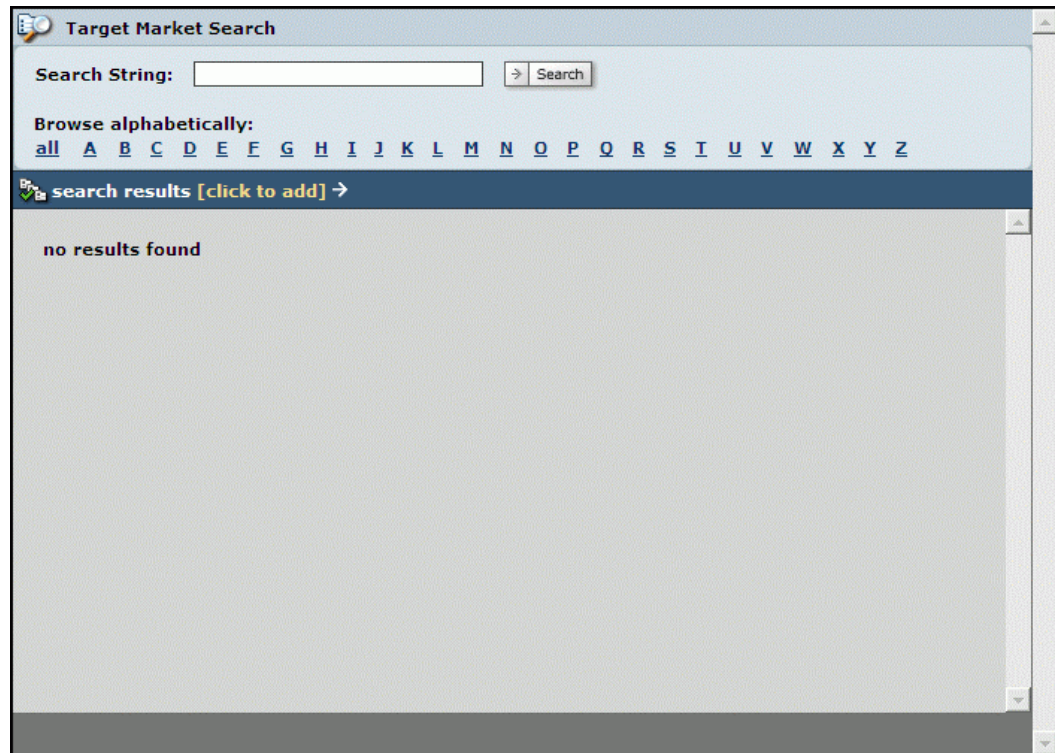
**IP GLN:**  [Look Up](#)

[Next](#)

### Add Variant

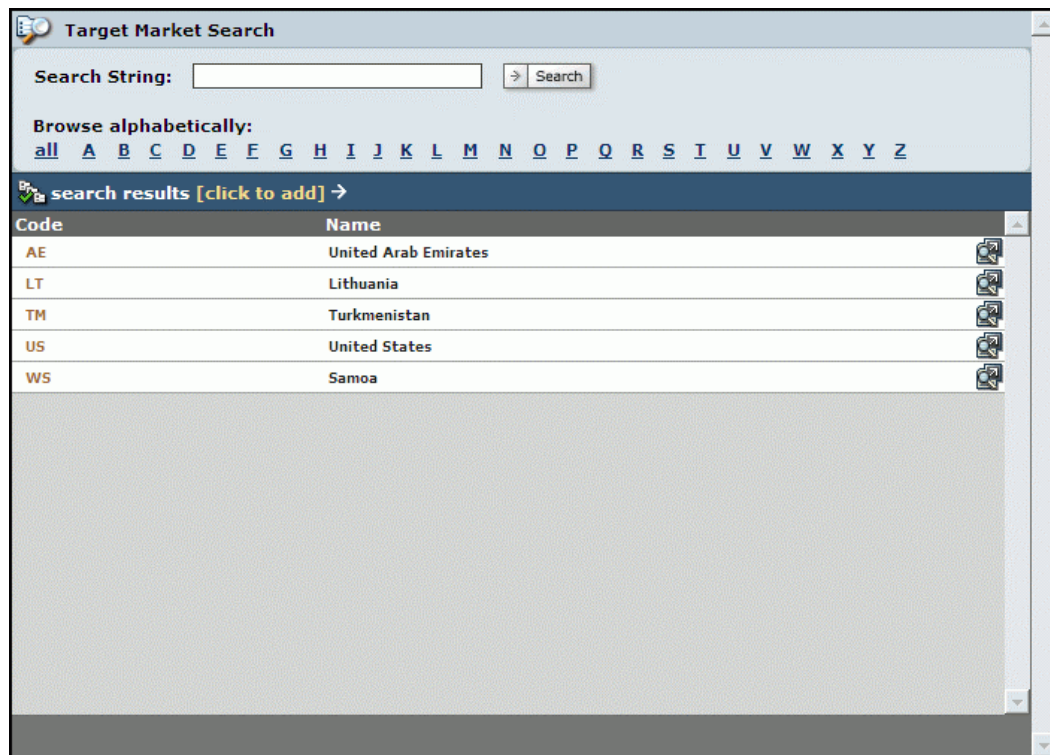
7. To add a target market:
  - a. Click on the **Look Up** icon [Look Up](#). The *Target Market Search* page is displayed.






*Target Market Search*

- b. You have two options:
  - i. In the **Search String** field, type the name or first letter of the target market along with the asterisk ( \* ) and click **Search**. The search results are displayed in the **search results** area.
  - ii. Click on the alphabet from which the name of the target market starts. For example, if the Target Market is Venezuela, click **V**. All target markets that start with the letter V is displayed in the **search results** area.



*Target Market Search Results*

- c. Select the target market. The selected target market is displayed in the **Target Market** field.
8. To add the IP GLN:
  - a. Click on the **Look Up** icon . The *Information Provider Search* page is displayed.

The screenshot shows a web application window titled "Information Provider Search". It features two input fields: "GLN:" and "Partner Name:", followed by a green "Search" button with a right-pointing arrow. Below the input fields is a tab labeled "advanced". A dark blue header bar contains the text "search results [click GLN to add] →" with a small icon on the left. The main content area is a large, empty gray rectangle with the text "no results..." in the top left corner.

- b. Perform the search to display the search results. For more information about search, refer *Chapter 8 – Search*.

The screenshot shows the same "Information Provider Search" window, but now it displays search results. The "Search" button and "advanced" tab are still present. The "search results [click GLN to add] →" header bar is followed by a table with two columns: "GLN" and "Name". The table contains four rows of data. Below the table is a large, empty gray rectangle.

| GLN           | Name                  |
|---------------|-----------------------|
| 7981315112271 | Trigo GLN             |
| 0000609623334 | Trigo Demand Retail   |
| 0000078945647 | (Rick) TR2 Supply XSD |
| 0087493154830 | Supply DRUMOUND       |

*Information Provider Search Results*



- c. Select the GLN. The selected GLN is displayed in the **IP GLN** field.

**title**

**Target Market:**

**IP GLN:**

[Next](#)

9. Click **Next**. The *Add Variant* dialog box closes and the variant is displayed in the **Select Target Market** and **Select Information Provider** drop-down menus in the *Variant Attributes* tab view.

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

**Task: Create Item Variant**  
Date: Fri Nov 05 15:35:38 IST 2004  
Status: Pending Variant Creation

EAN.UCC Code:  EAN.UCC Code Type:   
Global Trade Item Number:  Product Type:   
Language:  GTIN Name:  [all values](#)  
Item Status:

**Global Attributes** **Item Links** **Variant Attributes**

1. Select Target Market  2. Select Information Provider  [go](#) [add variant](#)

ITEM VARIANT STATUS:

**PMCG** **Payment Terms** **Partner Information** **Measures** **General** **Allowance** **Hazardous** **Partner Specific Local Attributes**

TradeItem Genetically Modified:  Ingredient Irradiated:   
TradeItem Irradiated:  Raw Material Irradiated:   
Degree of original wort:   
Percentage Of Alcohol By Volume:   
Fat Percentage In Dry Matter:

[Save Variant](#)

#### Create Variant – Variant Selected

10. Click **Go**. The attributes for the selected target market and information provider is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

EAN.UCC Code: 1223423334343 EAN.UCC Code Type: EAN.UCC-13 (7-5-1)

Global Trade Item Number: 12323434343532 Product Type: CASE

Language: English (United Kingdom) GTIN Name: test\_h1

Item Status: Pending Variant Creation

Global Attributes Item Links Variant Attributes

1. Select Target Market: United States 2. Select Information Provider: Trigo GLN go add variant

ITEM VARIANT STATUS: TARGET MARKET: United States INFORMATION PROVIDER: Trigo GLN

|                                  | FMCG | Payment Terms | Partner Information | Measures | General | Allowance | Hazardous | Partner Specific Local Attributes |
|----------------------------------|------|---------------|---------------------|----------|---------|-----------|-----------|-----------------------------------|
| TradeItem Genetically Modified:  | No   |               |                     |          |         |           |           |                                   |
| TradeItem Irradiated:            | No   |               |                     |          |         |           |           |                                   |
| Degree of original wort:         |      |               |                     |          |         |           |           |                                   |
| Percentage Of Alcohol By Volume: |      |               |                     |          |         |           |           |                                   |

Save Variant

### Create Variant – Save Variant

- Click **Save Variant**. The screen that allows you to submit this variant for enrichment is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

EAN.UCC Code: 1223423334343 EAN.UCC Code Type: EAN.UCC-13 (7-5-1)

Global Trade Item Number: 12323434343532 Product Type: CASE

Language: English (United Kingdom) GTIN Name: test\_h1

Item Status: Pending Variant Creation

Global Attributes Item Links Variant Attributes

1. Select Target Market: United States 2. Select Information Provider: Trigo GLN go add variant

ITEM VARIANT STATUS: TARGET MARKET: United States INFORMATION PROVIDER: Trigo GLN

|                                  | FMCG | Payment Terms | Partner Information | Measures | General | Allowance | Hazardous | Partner Specific Local Attributes |
|----------------------------------|------|---------------|---------------------|----------|---------|-----------|-----------|-----------------------------------|
| TradeItem Genetically Modified:  | No   |               |                     |          |         |           |           |                                   |
| TradeItem Irradiated:            | No   |               |                     |          |         |           |           |                                   |
| Degree of original wort:         |      |               |                     |          |         |           |           |                                   |
| Percentage Of Alcohol By Volume: |      |               |                     |          |         |           |           |                                   |

Save Variant Delete Variant Submit This Variant For Enrichment

### Create Variant – Submit Variant for enrichment

- Click **Submit This Variant for Enrichment**. The notification message “Item Variant Attribute Enrichment Pending” is sent to the appropriate user(s) to enrich the variant attributes.

Note: If you have access to enrich the local attributes, you can fill in values in the various fields and then click on **Submit This Variant for Enrichment** for other users to enrich the same.

## Enrich Variant Attributes

The IBM Global Data Synchronization for WebSphere Product Center enables users from different functional departments to add to the working record of an item. For example, the Logistics attributes of the item can be entered by a user from the Logistics department.

When an item is submitted for enrichment, the appropriate user(s) are notified by email or online notification to enrich the item. You can enrich the variant attributes (TM+IP) for an item. These attributes are configurable and they have to be configured by the person who submits the GTIN for enrichment. For information about configuring these attributes, refer the *IBM Global Data Synchronization for WebSphere Product Center Installation and Configuration Guide*.

The enriched item is validated to ensure that it complies with the data validation rules. Once validated, it is approved by the appropriate users before it is internally synchronized.

To enrich local attributes:

1. Click on the **Manage Items** tab. Click on the notifications link. Under the *New Item Request* tab view, click on the notification “Item Variant Attribute Enrichment Pending”. The *Variant Attributes* tab view is displayed. This tab view contains the tabs that are specific to your role.

The screenshot displays the 'Edit Item' interface in the WebSphere Product Center. The top navigation bar includes links for Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. The main content area is titled 'Edit Item' and shows a 'Pending Variant Creation' status. The 'Variant Attributes' tab is selected, revealing a section for selecting a target market (United States) and an information provider (Trigo GLN). Below this, the 'General' sub-tab is active, showing various attributes for the item, including 'TradeItem Genetically Modified', 'TradeItem Irradiated', 'Degree of original wort', 'Percentage Of Alcohol By Volume', 'Ingredient Irradiated', 'Raw Material Irradiated', and 'Fat Percentage In Dry Matter'.

*Variant Attributes Tab View*

2. From the **Select Target Market** and **Select Information Provider** drop-down menus, select the target market and information provider for which you want to enrich the attributes.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

EAN.UCC Code: 123423334343 EAN.UCC Code Type: EAN.UCC-13 (7-5-1)

Global Trade Item Number: 12323434343532 Product Type: CASE

Language: English (United Kingdom) GTIN Name: test\_h1

Item Status: Pending Variant Creation

Global Attributes Item Links Variant Attributes

1. Select Target Market: United States 2. Select Information Provider: Trigo GLN go add variant

ITEM VARIANT STATUS: TARGET MARKET: United States INFORMATION PROVIDER: Trigo GLN

FMCG Payment Terms Partner Information Measures General Allowance Hazardous Partner Specific Local Attributes

|                                  |    |                               |    |
|----------------------------------|----|-------------------------------|----|
| TradeItem Genetically Modified:  | No | Ingredient Irradiated:        | No |
| TradeItem Irradiated:            | No | Raw Material Irradiated:      | No |
| Degree of original wort:         |    | Fat Percentage In Dry Matter: |    |
| Percentage Of Alcohol By Volume: |    |                               |    |

Save Variant Delete Variant

*Variant Attributes Tab View*

- Type in the values for the fields in the various tabs and click **Done**. The notification “Item Variant Attribute Enrichment Completed” is sent to the appropriate user.

Note: If you are not ready to commit the enrichment, click **Save Variant**. This saves a draft copy of the item.

## Submit for Compliance Check

Once the enrichment of both the global and variant attributes is complete, the item details have to be checked for compliance. This is an internal validation that is performed to check if the values that have been entered meet the data validation rules.

To submit an item for compliance check:

- In the *Manage Item* tab view, click on the **edit items** link. The *Search* page is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Search Item** Friday, November 5, 2004

Find Items

GTIN: Brand Name: Search

Product Type: -- Select Product Type -- Status: --- select status --- advanced

search results [click item to select]

### Edit Item – Search

2. Search for the item that you have to send for compliance check. For more information about performing the search, refer *Chapter 8 – Search*. The search results are displayed in the **search results** area.

WebSphere Product Center  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Friday, November 5, 2004

**Search Item**

**Find Items**

GTIN:  EAN.UCC Code:

GTIN Name:  Brand Name:

Product Type: -- Select Product Type -- Status: --- select status ---

**search results [click item to select]**

| EAN.UCC Code   | GTIN           | GTIN Name         | Product Type | Internal Category | Status       |
|----------------|----------------|-------------------|--------------|-------------------|--------------|
| 00798452124350 | 00798452124350 | QA_Test_B1_Pallet | PALLET       | 10000056          | Synchronized |
| 798452222124   | 00798452222124 | QA_Test_B1_Each   | EACH         | 10000056          | Synchronized |
| 798452222346   | 00798452222346 | QA_Test_B1_Case   | CASE         | 10000056          | Synchronized |
| 798452345342   | 00798452345342 | QA_Test_B1_Pallet | PALLET       | 10000056          | Synchronized |
| 00798452345472 | 00798452345472 | QA_Test_B1_Case   | CASE         | 10000056          | Synchronized |

### Edit Item – Search Results

3. Click on the item that you want to submit for compliance check and click **Next**. The *Edit Item* page is displayed.
4. From the **Select Target Market** and **Select Information Provider** drop-down menus, select the target market and the information provider that you want to submit for compliance check. Click **Go**. The screen that allows you to submit for compliance check is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Friday, November 5, 2004

**Edit Item**

EAN.UCC Code:  EAN.UCC Code Type:

Global Trade Item Number:  Product Type:

Language:  GTIN Name:

Item Status:

**Global Attributes** **Item Links** **Variant Attributes**

**1. Select Target Market**  **2. Select Information Provider**

ITEM VARIANT STATUS :  TARGET MARKET :  INFORMATION PROVIDER :

|                                  | FMCG                 | Payment Terms | Partner Information | Measures | General | Allowance | Hazardous | Partner Specific Local Attributes |
|----------------------------------|----------------------|---------------|---------------------|----------|---------|-----------|-----------|-----------------------------------|
| TradeItem Genetically Modified:  | <input type="text"/> |               |                     |          |         |           |           |                                   |
| TradeItem Irradiated:            | <input type="text"/> |               |                     |          |         |           |           |                                   |
| Degree of original wort:         | <input type="text"/> |               |                     |          |         |           |           |                                   |
| Percentage Of Alcohol By Volume: | <input type="text"/> |               |                     |          |         |           |           |                                   |

### Create Item – Submit for Compliance Check



- Click **Submit for Compliance Check**. An internal validation is performed on the values that have been entered for the various fields. Once the item passes the compliance check, it has to be approved internally by the appropriate user.

WebSphere Product Center  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

EAN.UCC Code: 1223423334343 EAN.UCC Code Type: EAN.UCC-13 (7-5-1)  
 Global Trade Item Number: 12323434343532 Product Type: CASE  
 Language: English (United Kingdom) GTIN Name: test\_h1

Item Status: Draft With Variant

Global Attributes Item Links Variant Attributes

1. Select Target Market: United States 2. Select Information Provider: Trigo GLN go

ITEM VARIANT STATUS: TARGET MARKET: United States INFORMATION PROVIDER: Trigo GLN

|                                  | FMCG | Payment Terms | Partner Information | Measures | General | Allowance | Hazardous | Partner Specific Local Attributes |
|----------------------------------|------|---------------|---------------------|----------|---------|-----------|-----------|-----------------------------------|
| TradeItem Genetically Modified:  | No   |               |                     |          |         | No        |           |                                   |
| TradeItem Irradiated:            | No   |               |                     |          |         | No        |           |                                   |
| Degree of original wort:         |      |               |                     |          |         |           |           |                                   |
| Percentage Of Alcohol By Volume: |      |               |                     |          |         |           |           |                                   |

Save Variant Delete Variant Submit for Approval

### Create Item - Submit for Approval

- Click **Submit for Approval**. The notification “New Item Approval Pending” is sent to the appropriate user to approve the newly created item.

## Approve New Item

To approve an item:

- In the *New Item Request* tab view, click on the notification “New Item Approval Pending”. The details of the item are displayed.
- From the **Select Target Market** and **Select Information Provider** drop-down menus, select the target market and the information provider that you want to approve. Click **Go**. The screen that allows you to approve is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Item** Friday, November 5, 2004

**Task: Approve New Item**  
Date: Fri Nov 05 20:06:33 IST 2004  
Status: New

EAN.UCC Code: \* 798452234639 EAN.UCC Code Type: \* U.P.C. Case Code Number (1-1-5-5)  
Global Trade Item Number: 00798452234639 Product Type: \* PACKAGE  
Language: \* English (United Kingdom) GTIN Name: 00798452234639  
Item Status: Draft With Variant

Global Attributes Item Links Variant Attributes

1. Select Target Market Samoa 2. Select Information Provider Supply DRUMOUND

ITEM VARIANT STATUS :

|                                  | FMCG | Payment Terms | Partner Information | Measures | General | Allowance | Hazardous | Partner Specific Local Attributes |
|----------------------------------|------|---------------|---------------------|----------|---------|-----------|-----------|-----------------------------------|
| TradeItem Genetically Modified:  | No   |               |                     |          |         |           |           |                                   |
| TradeItem Irradiated:            | No   |               |                     |          |         |           |           |                                   |
| Degree of original wort:         |      |               |                     |          |         |           |           |                                   |
| Percentage Of Alcohol By Volume: |      |               |                     |          |         |           |           |                                   |
| Ingredient Irradiated:           | No   |               |                     |          |         |           |           |                                   |
| Raw Material Irradiated:         | No   |               |                     |          |         |           |           |                                   |
| Fat Percentage In Dry Matter:    |      |               |                     |          |         |           |           |                                   |

Approve Reject

### Create Item – Approve an Item

- To approve the item, click **Approve**. The notification message “New Item Approved’ is sent to the appropriate user(s).

To reject the item, click **Reject**. The notification message “New Item Creation Rejected” is sent to the appropriate user(s).

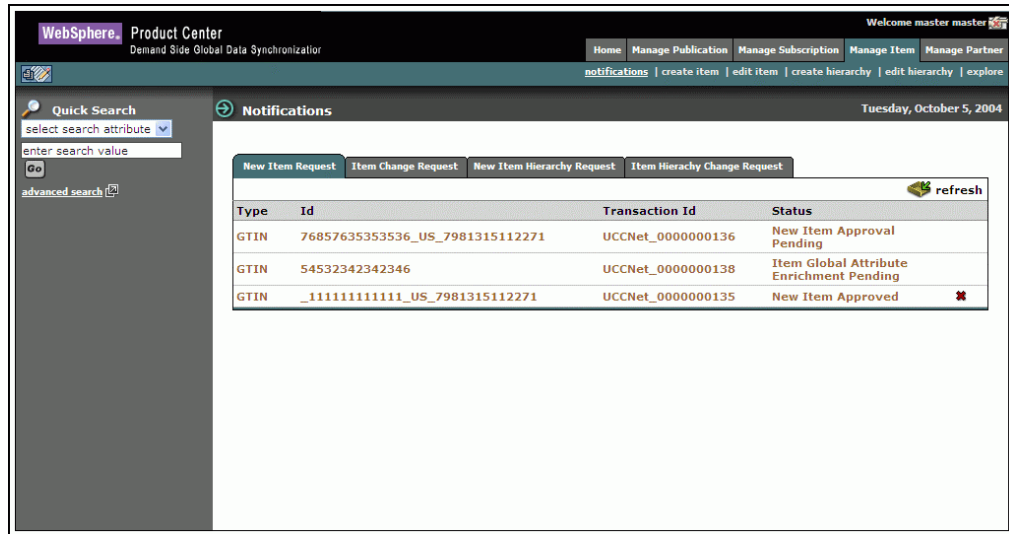
The notifications are displayed in the *New Item Request* tab view.

## Edit Items

An item that is not yet synchronized can be edited. You can search for the GTIN, then edit the global attributes and the TM+IP combination of that GTIN. Once edited, the changes have to be approved by the appropriate users before they are committed.

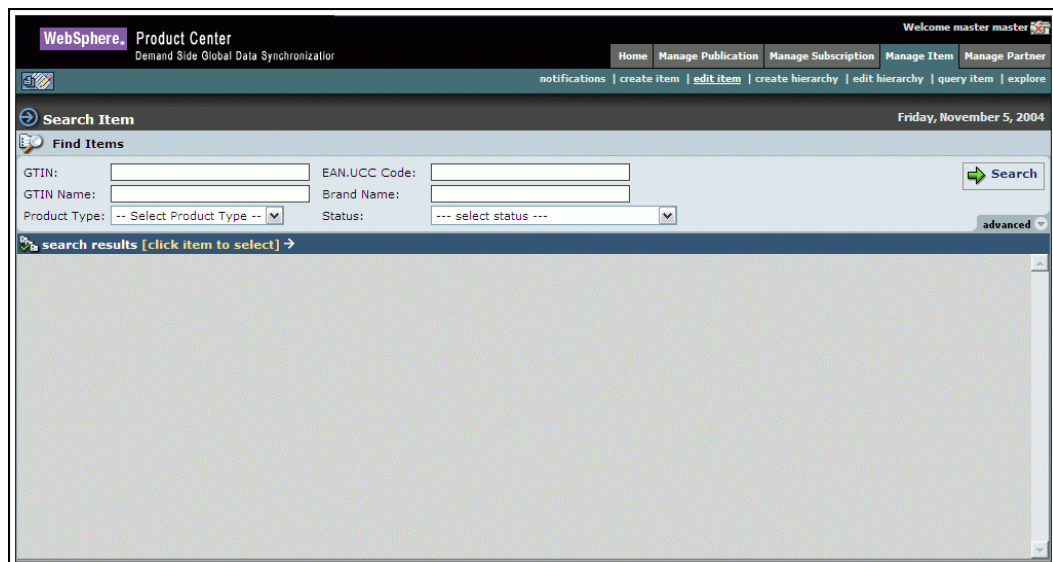
To edit an item:

- In the *Home* page, click on the **Manage Item** tab. The *Manage Item* tab view is displayed.



*Manage Item Tab View*

- Click on the **edit items** link. The *Edit Item* page is displayed.



*Manage Item – Edit Item*

- Search for the item that you want to edit. For more information on performing a search, refer the Search for Items section in *Chapter 8 - Search*. The results of the search are displayed in the **search results** area.
- In the **search results** area, click on the item that you want to delete. The details of that item are displayed.

### *Edit Item*

5. Edit the values for the various fields as explained in the *Create Items* section depending on the status of the item.

Note: If the item is in draft status then the Variant attributes tab will not be displayed.

6. After completing the changes click **Save GTIN**. A notification “Modify Item Approval Pending” is sent to the appropriate users.

### **Approve an Edited Item**

To approve an edited item:

1. In the *Item Change Request* tab view,
2. Click on the notification “Modify Item Approval Pending” for the item that you want to approve. The details of the notification are displayed.

### *Edit Item Approval*

- To approve the item, click **Approve**. The notification message “Edit Item Approved’ is sent to the appropriate user(s).

To reject the item, click **Reject**. The notification message “Edit Item Rejected” is sent to the appropriate user(s).

The notifications are displayed in the *Item Change Request* tab view.

## **Delete Item**

A GTIN or a TM+IP combination can be deleted from the application, but it will be removed from the application only after a purge program is run by the system administrator. If the GTIN is linked to other GTINs, those links need to be deleted first.

Deletions should be approved by the appropriate users before they are committed.

You can delete a GTIN only when you have created the GTIN and the message Item created successfully is displayed.

### *Delete Item*

Click **Delete GTIN**. The notification message “Item Deletion Approval Pending” is sent to the appropriate user(s) to approve the deletion of the item.

## **Approve Deleted Item**

To approve the deleted item:

1. In the *Item Change Request* tab view, click on the notification message “Item Deletion Approval Pending”. The details of the notification are displayed.

### *Approve Deleted Item*

2. To approve the deletion, click **Approve**. The notification message “Item Deletion Approved” is sent to the appropriate user(s).



To reject the deletion of the item, click **Reject**. The notification message “Item Deletion Rejected” is sent to the appropriate user(s).

## Create Hierarchy

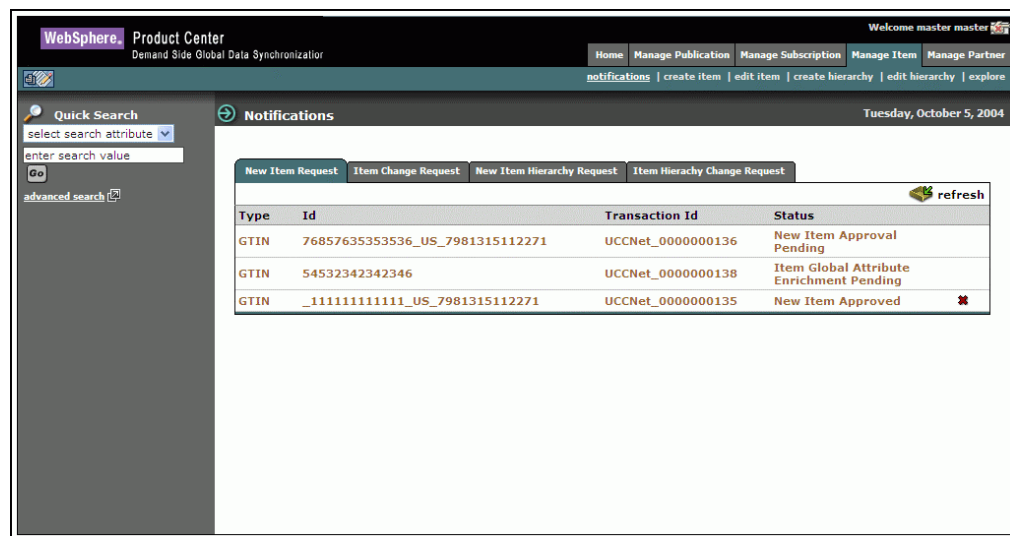
You can create item hierarchies in the IBM Global Data Synchronization for WebSphere Product Center application.

Once items have been created in the system, you can link items to create item hierarchies. This link is a unique relationship where the highest level GTIN in the link will have no parent and the lowest level GTIN will have no children.

Ensure that the created items in the hierarchy are in the right order. Only the items of the lower product type can be the children of Items of higher product type (that is, a pallet is the parent of a case and not vice versa). If they are not in the right order, an error message is displayed. After item links are created, it has to be approved by the appropriate user.

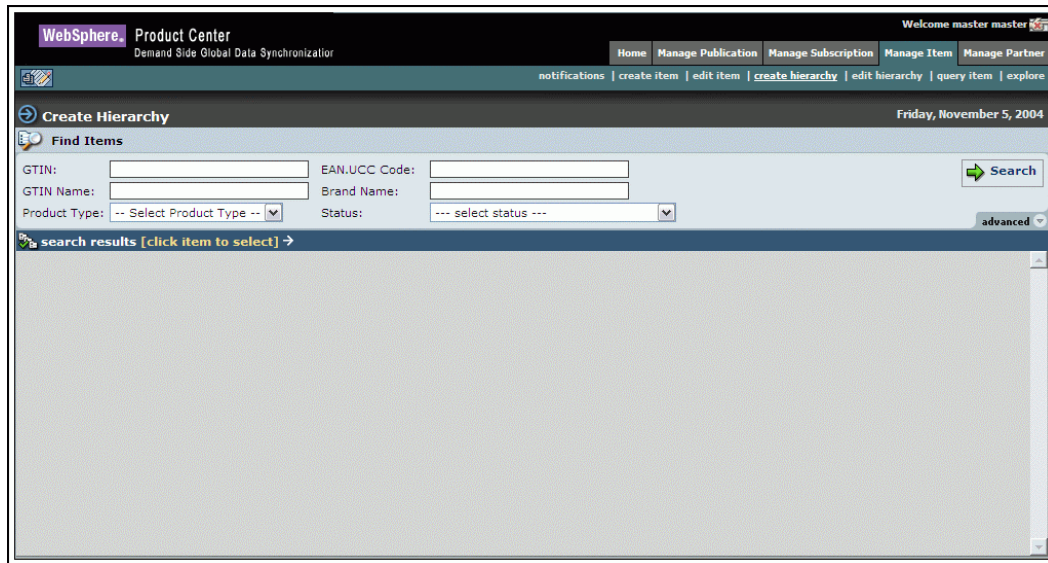
To create an item hierarchy:

1. In the *Home* page, click on the **Manage Item** tab. The *Manage Item* tab view is displayed.



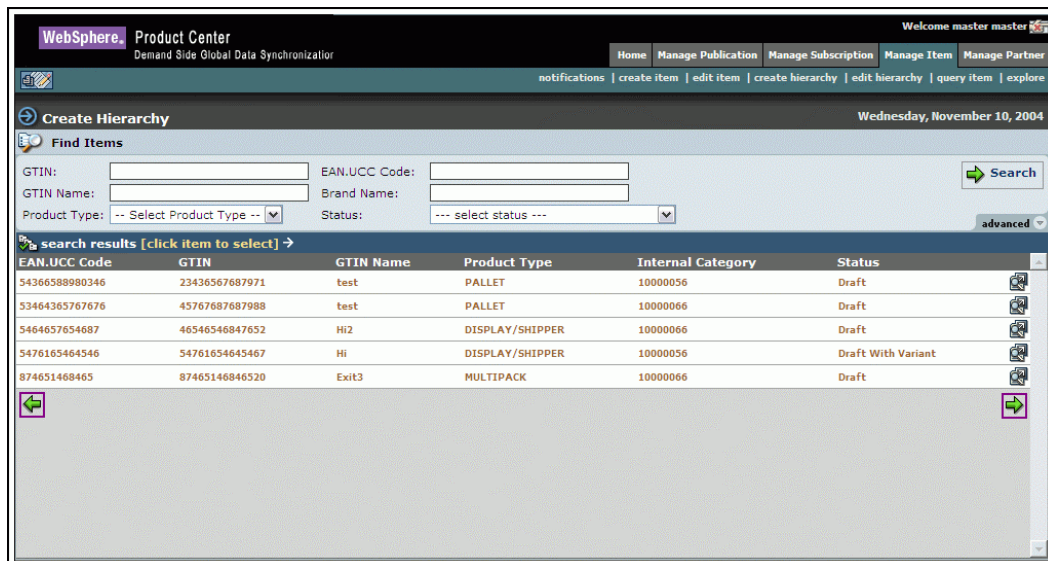
*Manage Item Tab View*

2. Click on the **create hierarchy** link. The *Search* page is displayed.



*Create Hierarchy - Search*

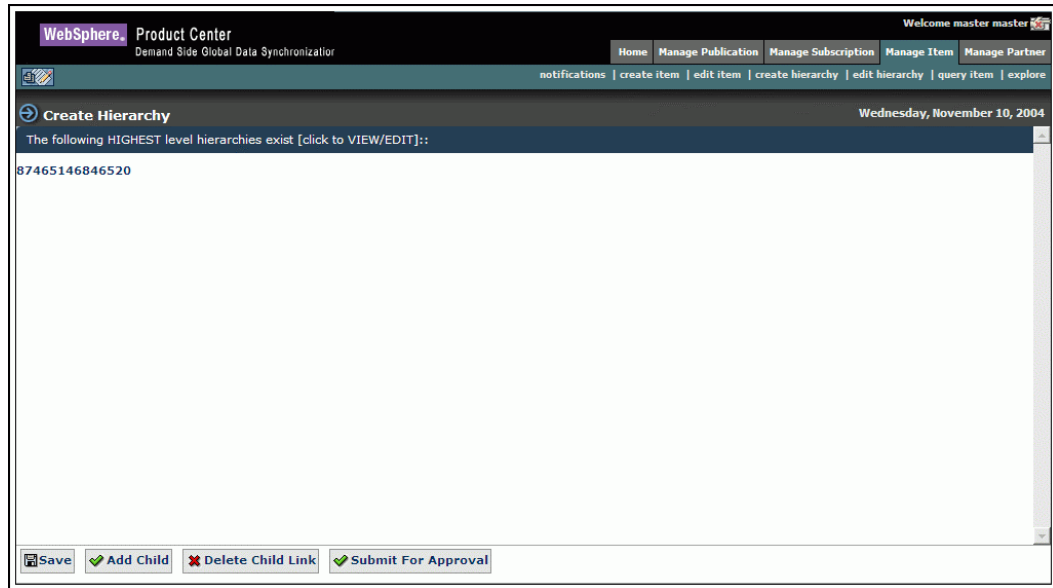
3. Search for the GTIN for which you want to create links. For information about performing a search, refer the Search for Items section in *Chapter 8 - Search*. The search results are displayed in the **search results** area.
4. Click on the GTIN. The *Items Links For* page is displayed.



*Search Results*

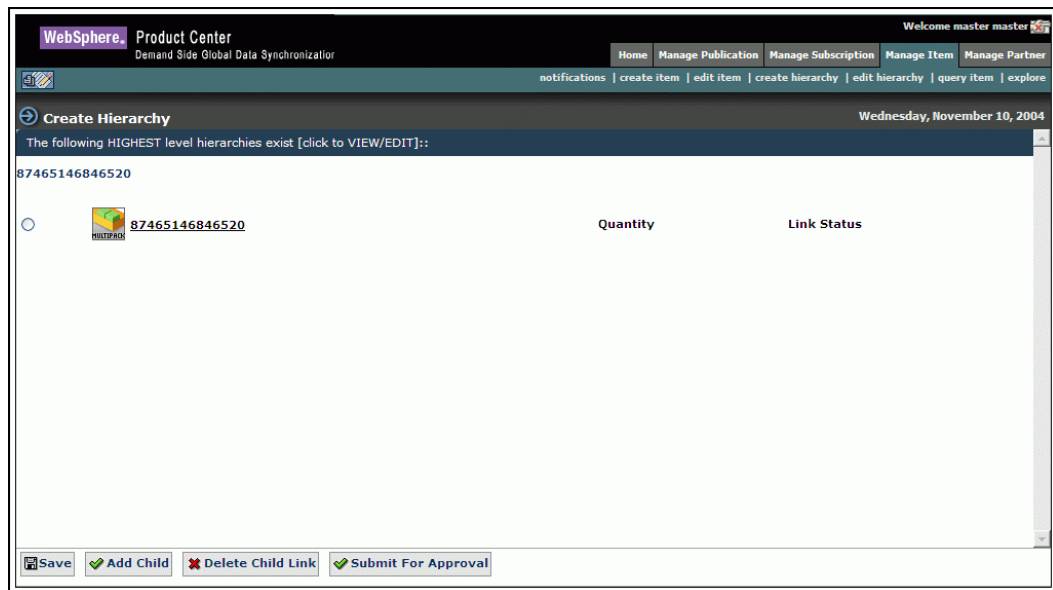
5. Click on the displayed GTIN. The following page is displayed.





*Create Hierarchy*

6. Click on the GTIN, the details of the hierarchy are displayed along with the icon that gives the product type of that particular item.



*Create Hierarchy*

7. Select the GTIN and click **Add Child** to add a child to the selected GTIN. The *Search* page is displayed. Type in the search parameters and click **Search**. The search results display only those GTIN(s) that can be children of the selected GTIN are displayed in the **search results** area.

**Advanced Search**

GTIN:

GTIN Name:

Brand Name:

Product Name:

Description:

Product Type:

**Search**

**advanced**

**search results [click item to select] →**


| GTIN                                      | Name            | Type |
|---|-----------------|------|
| <input type="checkbox"/> 00798452000005   | QA_Each_01      | EACH |
| <input type="checkbox"/> 00798452012343   | QA_Each_01      | EACH |
| <input type="checkbox"/> 00798452444441   | QA_Each_01      | EACH |
| <input type="checkbox"/> 00798452456475   | QA_Test_B1_Each | EACH |
| <input type="checkbox"/> 00798452555550   | Qa_Each_01      | EACH |
| <input type="checkbox"/> 00798452666669   | QA_Each_01      | EACH |
| <input type="checkbox"/> 00798452679690   | QA_Test_B1_Each | EACH |
| <input type="checkbox"/> 00798452897896   | QA_Test_B1_Each | EACH |
| <input type="checkbox"/> 12136542313553   | Exit1           | EACH |
| <input type="checkbox"/> 24313654321651   | Hi2             | EACH |
| <input type="checkbox"/> 54654657465463   | Exit            | EACH |
| <input type="checkbox"/> ①_11111111111111 | rahul2          | EACH |
| <input type="checkbox"/> ①_2221111144444  | s14             | EACH |
| <input type="checkbox"/> ①_4444444444444  |                 | EACH |
| <input type="checkbox"/> ①_9999999999999  | th2             | EACH |

**Next**

### Search Results

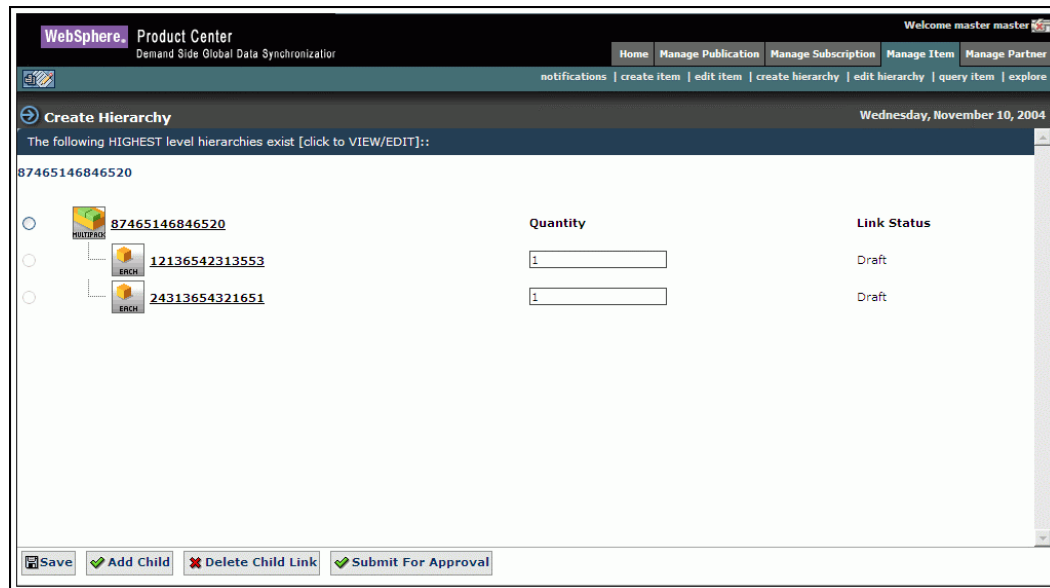
- Select the GTIN(s) that you want to add as the child, and click **Next**. The *Add Links* page displays the selected GTIN(s).

| ADD LINKS      |       |      |                      |
|----------------|-------|------|----------------------|
| GTIN           | Name  | Type | Quantity             |
| 12136542313553 | Exit1 | EACH | <input type="text"/> |
| 24313654321651 | HI2   | EACH | <input type="text"/> |

[Next](#) 

*Create Hierarchy – Enter Quantity*

9. Type the quantity for the GTIN(s) in the text box and click **Next**. The selected GTIN(s) and the quantity are displayed in the *Items Links For* page.



### Create Hierarchy – With Links

If you want to add more GTIN as links, repeat the steps 6, 7, and 8.

To delete any link, select the GTIN and click **Delete Child Link**. For more information about deleting item links, refer the section Delete Item Links.

10. Click **Submit For Approval**. The notification message “New Item Link approval Pending” is sent to the appropriate user (s) to approve the hierarchy. The notification is displayed in the *Item Hierarchy Request* tab view in the *Manage Item* page.

Note: Approval can be turned on or off through the configuration of the IBM Global Data Synchronization for WebSphere Product Center application.

## Approve New Hierarchy

To approve the created hierarchy:

1. In the *Item Hierarchy Request* tab view, click on the notification “Modify Item Link Approval Pending”. The details of the notification are displayed.
2. In the notification details screen, Click **Approve** to approve the hierarchy. The notification message “Modify Item Link Approved” is sent to the appropriate user(s). To reject the hierarchy, click **Reject**. The notification message “New Item Link Rejected” is sent to the appropriate user (s).

These notifications are displayed in the *Item Hierarchy Request* tab view.

## Edit Hierarchy

An item link that is not yet added to the data pool can be edited. You can edit the parent GTIN's link. Once edited, the changes have to be approved by the appropriate users before they are committed.

### Procedure

To edit an item hierarchy:

1. In the *Home* page, click on the **Manage Item** tab. The *Manage Item* tab view is displayed.

| Type | Id                             | Transaction Id    | Status                                   |
|------|--------------------------------|-------------------|--|
| GTIN | 768576353536_US_7981315112271  | UCCNet_0000000136 | New Item Approval Pending                |
| GTIN | 54532342342346                 | UCCNet_0000000138 | Item Global Attribute Enrichment Pending |
| GTIN | _111111111111_US_7981315112271 | UCCNet_0000000135 | New Item Approved                        |

*Manage Item Tab View*

2. Click on the **edit hierarchy** link. The *Search* page is displayed.

Find Items

GTIN:  EAN.UCC Code:

GTIN Name:  Brand Name:

Product Type: -- Select Product Type -- Status: --- select status ---

search results [click item to select] →

*Edit Hierarchy –Search*

3. Type the search parameters in the fields and click **Search**. For more information on performing a search, refer the Search for Items section in *Chapter 8 - Search*. The search results are displayed in the **search results** area.

The screenshot shows the 'Edit Hierarchy' page in the WebSphere Product Center. The page has a header with 'WebSphere Product Center' and 'Demand Side Global Data Synchronizer'. Below the header is a navigation bar with links: Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. A secondary navigation bar contains links: notifications, create item, edit item, create hierarchy, edit hierarchy, query item, and explore. The main content area is titled 'Edit Hierarchy' and includes a 'Find Items' section with search fields for GTIN, EAN.UCC Code, GTIN Name, Brand Name, Product Type, and Status. A 'Search' button is located to the right of these fields. Below the search fields is a table of search results. The table has columns: EAN.UCC Code, GTIN, GTIN Name, Product Type, Internal Category, and Status. The results are as follows:

| EAN.UCC Code  | GTIN           | GTIN Name | Product Type    | Internal Category | Status             |
|---------------|----------------|-----------|-----------------|-------------------|--------------------|
| 3423421111111 | 34234211111119 |           | PALLET          | 10000066          | Draft              |
| 4133468798476 | 41334687984764 |           | DISPLAY/SHIPPER | 10000056          | Draft With Variant |
| 3453546456456 | 45645645645648 |           | EACH            | 10000056          | Draft              |
| 3445645645765 | 56756764534525 |           | EACH            | 10000056          | Draft              |
| 456789763474  | 67486794863925 |           | CASE            | 10000058          | Synchronized       |

*Edit hierarchy - Search results*

4. Select the GTIN for which you want to edit the hierarchy and click **Next**. The *Edit Hierarchy* page is displayed.
5. Click on the displayed GTIN. The links for the selected GTIN is displayed.

The screenshot shows the 'Edit Hierarchy' page in the WebSphere Product Center, displaying item links for a selected GTIN. The page has the same header and navigation bars as the previous screenshot. The main content area is titled 'Edit Hierarchy' and includes a message: 'The following HIGHEST level hierarchies exist [click to VIEW/EDIT]::'. Below this message is a table showing the selected GTIN and its links. The table has columns: GTIN, Quantity, and Link Status. The results are as follows:

| GTIN           | Quantity | Link Status |
|----------------|----------|-------------|
| 41334687984764 | 1        | Draft       |

At the bottom of the page, there are four buttons: Save, Add Child, Delete Child Link, and Submit For Approval.

*Edit Hierarchy – Item Links*

6. Select the GTIN and click **Add Child** to add a child to the selected GTIN. The *Search* page is displayed. Type in the search parameters and click **Search**. The search results are displayed in the **search results** area. Only those GTINs that can be children of the parent GTIN are displayed.



**Advanced Search**

GTIN:

GTIN Name:

Brand Name:

Product Name:

Description:

Product Type: -- Select Product Type --

**Search**

**advanced**

**search results** [\[click item to select\]](#)

| GTIN  | Name | Type |
|---|------|------|
| <input checked="" type="checkbox"/> 0079845222124 |      | EACH |
| <input type="checkbox"/> 00798452456475           |      | EACH |
| <input type="checkbox"/> 23678454906608           |      | EACH |
| <input type="checkbox"/> 45645645645648           |      | EACH |
| <input type="checkbox"/> 56756764534525           |      | EACH |
| <input type="checkbox"/> 67676767676762           |      | EACH |

**Next**

*Add Child – Search Results*

7. Select the GTIN(s) that you want to add as the child, and click **Next**. The *Add Links* page displays the selected GTIN(s).

**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Hierarchy** Friday, November 5, 2004

The following HIGHEST level hierarchies exist [click to VIEW/EDIT]::

41334687984764

| GTIN           | Quantity | Link Status |
|----------------|----------|-------------|
| 41334687984764 | 1        | Draft       |
| 12345678765673 | 1        | Draft       |
| 0079845222124  | 1        | Draft       |

Save Add Child Delete Child Link Submit For Approval

#### *Edit Hierarchy - Add Links*

8. Type the quantity for the GTIN(s) in the text box and click **Save**. The selected GTIN(s) and the quantity are displayed in the *Items Links For* page.
9. To delete any link, select the GTIN and click **Delete Child Link**. For more information about deleting item links, refer the section Delete Item Links.
10. Click **Submit For Approval**. The notification message “Edit Item Link Approval Pending” is sent to the appropriate user to approve the hierarchy. The notification is displayed in the *Item Hierarchy Change Request* tab view in the *Manage Item* page.

Note: Approval can be turned on or off through the configuration of the IBM Global Data Synchronization for WebSphere Product Center application.

## Approve Edited Hierarchy

To approve the created hierarchy:

1. In the *Item Hierarchy Change Request* tab view, click on the notification “Edit Item Link Approval Pending”. The details of the notification are displayed.
2. In the screen where notifications details are displayed, Click **Approve** to approve the hierarchy. The notification message “Edit Item Link Approved” is sent to the appropriate user(s).

To reject the hierarchy, click Reject. The notification message “Edit Item Link Rejected” is sent to the appropriate user (s).

These notifications are displayed in the *Item Hierarchy Change Request* tab view.



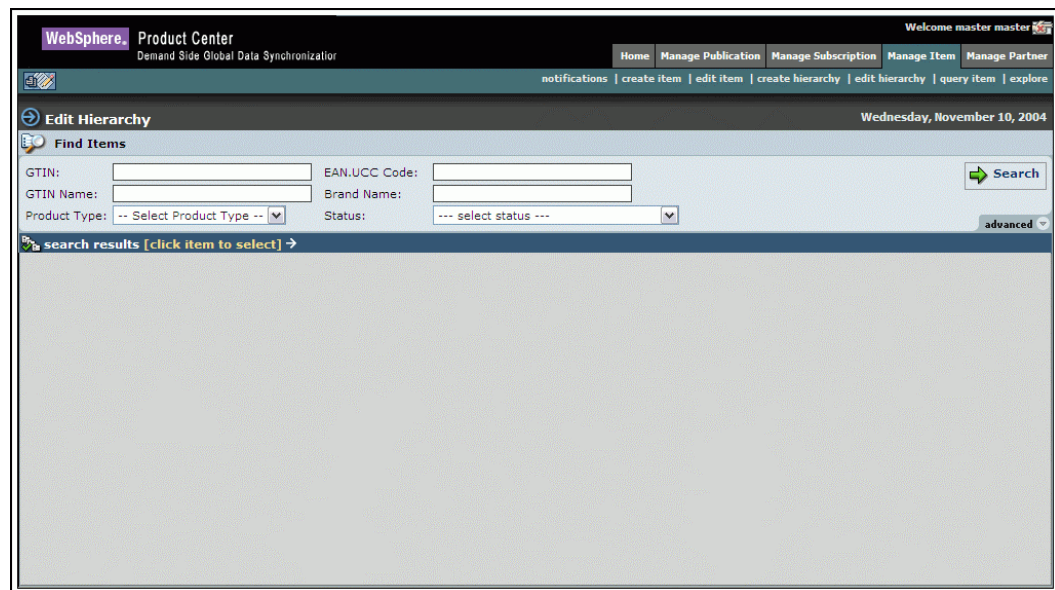
## Delete Item Links

An item link that is added to the data pool, but not yet published to any supply side trading partners, can be deleted. Deletions should be approved by the appropriate user before they are committed. You cannot delete item links that have already been published to supply side trading partners.

Note: When you delete a parent item link, all the child item links also get deleted.

To delete item links:

1. Under **Manage Item** tab, click on the **edit hierarchy** link.



*Edit hierarchy- Search*

2. Search for the GTIN for which you want to create links. For information about performing a search, refer the Search for Items section in *Chapter 8 - Search*. The search results are displayed in the **search results** area.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home | Manage Publication | Manage Subscription | Manage Item | Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Hierarchy** Wednesday, November 10, 2004

**Find Items**

GTIN:  EAN.UCC Code:   
 GTIN Name:  Brand Name:   
 Product Type: -- Select Product Type -- Status: --- select status ---

**Search results [click item to select]**

| EAN.UCC Code  | GTIN           | GTIN Name | Product Type    | Internal Category | Status             |
|---------------|----------------|-----------|-----------------|-------------------|--------------------|
| 121365423135  | 12136542313553 | Exit1     | EACH            | 10000066          | Draft              |
| 2431365432165 | 24313654321651 | Hi2       | EACH            | 10000066          | Draft              |
| 5764687654687 | 54654657465463 | Exit      | EACH            | 10000056          | Draft With Variant |
| 5476165464546 | 54761654645467 | Hi        | DISPLAY/SHIPPER | 10000056          | Draft With Variant |
| 874651468465  | 87465146846520 | Exit3     | MULTIPACK       | 10000066          | Draft              |

### Search Results

3. Select the GTIN that you want to delete links for. The details of the hierarchy are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home | Manage Publication | Manage Subscription | Manage Item | Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

**Edit Hierarchy** Wednesday, November 10, 2004

The following HIGHEST level hierarchies exist [click to VIEW/EDIT]::

54761654645467

- ☐ **54761654645467**
- ☐ **00798452121212**
- ☐ **00798452555550**

| Quantity                       | Link Status |
|--------------------------------|-------------|
| <input type="text" value="1"/> | Draft       |
| <input type="text" value="0"/> | Draft       |

Save Add Child Delete Child Link Submit For Approval

### Hierarchy Details

4. In the *Items Links For* page, select the link that you want to delete and click **Delete Child Link**. The *Delete Child Links* window displays the links that you have selected.

*Delete child Link*

5. Select the child links that you want to delete and Click **Delete**. The notification message “Item Link Deletion Approval Pending” is sent to the appropriate user. This notification is displayed in the *Item Hierarchy Change Request* tab view.

## Approve Deleted Item Links

To approve the created hierarchy:

1. In the *Item Hierarchy Change Request* tab view, click on the notification “Item Link Deletion Approval Pending”. The details of the notification are displayed.
2. In the page where notification details are displayed, Click **Approve**, to approve the deletion. The notification message “Item Link Deletion Approved” is sent to the appropriate user(s).

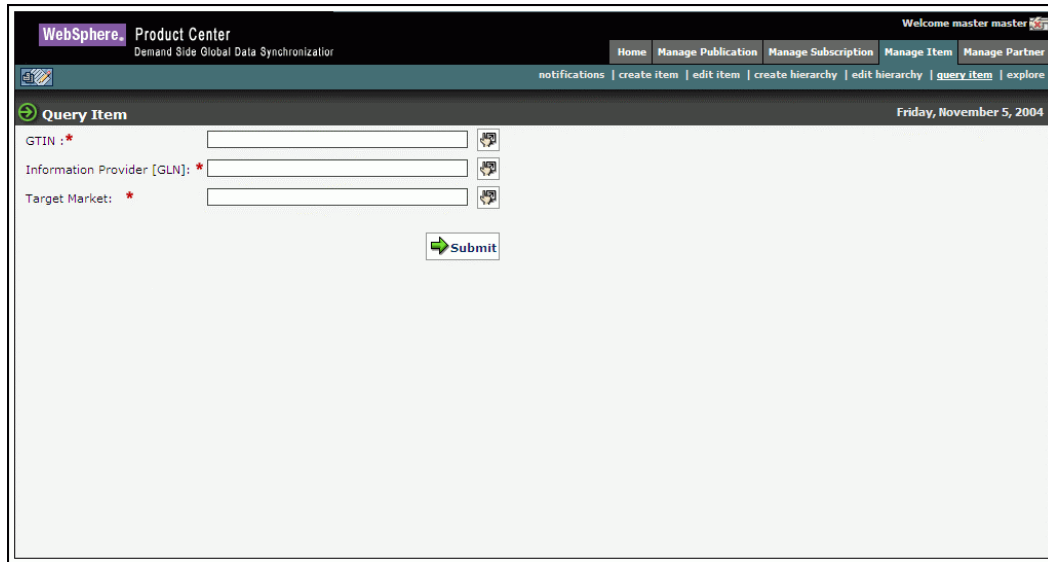
To reject, click **Reject**. The notification message “Item Link Deletion Rejected” is sent to the appropriate user (s).

These notifications are displayed in the *Item Hierarchy Change Request* tab view.

## Query Item




You can query for an Item in the UCCnet data pool to check whether the item exists or not in the data pool. If the Item exists in the Data Pool, then a notification is sent to the user who has queried for the item. You can query for an item based on the GTIN, GLN and Target Market.

To query an Item, click on the Query Items link under that Manage Items link. The Query Items page is displayed



*Query Item*

In the Query items page:

1. In the **GTIN** field, type the global trade item number of the item for which you want to receive publications. You can also select the GTIN using the **Lookup**  icon.
2. In the **GLN** field, type the global location number. You can also select the global location number using the **Lookup**  icon.
3. In the **Target Market** field, type the name of the target market. You can also select the target market using the **Lookup**  icon.
4. Click on the **Submit** button. The results will be sent as a notification. You can view this notification under the **Query Item requests** tab.

## **Explore Items**

For more information on searching for items refer to the section *Search for trade items* in *Chapter – 8 Search*

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## Ch 7 Manage Partners

This chapter describes the various tasks related to managing trading partners within the IBM Global Data Synchronization for WebSphere Product Center application.

A trading partner is an organization or an individual with whom information or data is accessed or exchanged in the supplier chain, such as a manufacturer (seller), retailer (buyer), or distributor.

You can view and process trading partner requests. You can also create new partners or modify information on existing partners.

Topics include:

- [View Notifications](#)
- [Create Trading Partner](#)
- [Modify Trading Partner](#)
- [Delete Trading Partner](#)

You can create and modify a trading partner from the *Home* page. The tasks are displayed in **Quick Tasks** on the left navigation pane.

### ***View Notifications***

You can view all notifications related to trading partner requests in the *Notifications* page. This page contains the following tabs:

- New Trading Partner Request
- Trading Partner Change Request

To view the list of notifications for each, click on the corresponding tab. The *New Trading Partner Request* tab view is displayed by default.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

Monday, November 1, 2004

Quick Search  
select search attribute  
enter search value  
Go  
advanced search

Notifications

New Trading Partner Request Trading Partner Change Request

| Id            | GLN         | Status                               |
|---------------|-------------|--------------------------------------|
| 1330493454349 | Bloomington | New Trading Partner Pending Approval |
| 1220893454349 | Amazon      | New Trading Partner Pending Approval |
| 1220923454349 | Walmart     | New Trading Partner Pending Approval |
| 1110223454340 | Tiffany's   | New Trading Partner Pending Approval |

refresh

### Manage Partner - Notifications

Each notification is represented by a GTIN. To view the details of a notification, click on the notification. The *Notification Details* page is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

Monday, November 1, 2004

Modify Trading Partner

Task: Approve New Trading Partner  
Date: Wed Nov 03 08:01:47 IST 2004  
Status: Draft

GLN: \* 1330493454349 Role: \* Exchange

Name: \* Bloomington

Address1:

Address2:

Address3:

City:

State/Province:

Country: \* United States

Postal Code:

Effective Start Date:

Effective End Date:

Is Active: Yes

Contacts

| Name   | Telephone | E-mail | Role |
|--|-----------|--------|------|
| <input type="button" value="Approve"/> <input type="button" value="Reject"/> |           |        |      |

### Manage Partner – Notification Details

Notifications that are for information only can be viewed and dismissed. To remove the notification from the list, click on the **Delete** icon.

## Create Trading Partner

You can create a record of a trading partner in the system where the data synchronization is performed. You can specify the following information in the record:

- Trading Partner Identification (GLN) - The trade location of the trading partner.
- Trading Partner Role – A role can be that of a exchange, retailer, supplier, or manufacturer.

- Trading Partner Contact – The contact details of the trading partner, such as telephone numbers and e-mail addresses.
- Trading Partner Name and Address – The name and address of the trading partner.
- Last Changed Date – The date when the record was last updated.

To create a trading partner:

1. In the *Home* page, click on the **Manage Partner** tab. The *Manage Partner* tab view is displayed.

| Id            | GLN           | Status                               |
|---------------|---------------|--------------------------------------|
| 1330493454349 | Bloomingdales | New Trading Partner Pending Approval |
| 1220893454349 | Amazon        | New Trading Partner Pending Approval |
| 1220923454349 | Walmart       | New Trading Partner Pending Approval |
| 1110223454340 | Tiffany's     | New Trading Partner Pending Approval |



*Manage Partner Tab View*

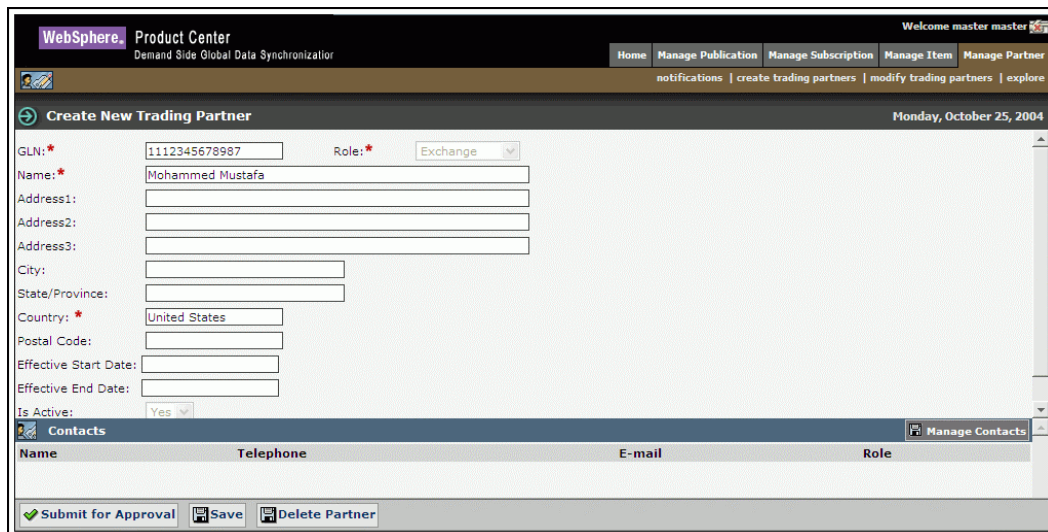
2. Click on **create trading partners** link. The *Create New Trading Partner* page is displayed.

*Create New Trading Partner*

3. Type the trading partner information in the listed fields:



- a. In the **GLN** field, type the global location number. This is the unique 13-digit number used to identify a trade location.
  - b. From the **Role** drop-down menu, select the role of the trading partner. Options available are Exchange, Manufacturer, Retailer, and Supplier.
  - c. In the **Trading Partner Name** field, type the name of the trading partner.
  - d. Fill in the location details of the trading partner in the listed fields.
  - e. In the **Effective Start Date** field, click on the **Calendar** icon  to select the start date.
  - f. In the **Effective End Date** field, click on the **Calendar** icon  to select the end date.
  - g. From the **Status** drop-down menu, select the status of the trading partner. Options available are Active and Inactive.
  - h. From the **Time Zone** drop-down menu, select the time zone relevant to the trading partner. Options available are Eastern, IST, GMT, and Pacific.
  - i. From the **Language** drop-down menu, select the language of the trading partner.
4. Click **Create**. The trading partner is created and the **Contacts** table is displayed on the same page.



**WebSphere Product Center**  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

**Create New Trading Partner** Monday, October 25, 2004

GLN: \* 1112345678987 Role: \* Exchange

Name: \* Mohammed Mustafa

Address1:

Address2:

Address3:

City:

State/Province:

Country: \* United States

Postal Code:

Effective Start Date:

Effective End Date:

Is Active: Yes

**Contacts** Manage Contacts

| Name | Telephone | E-mail | Role |
|------|-----------|--------|------|
|      |           |        |      |

Submit for Approval Save Delete Partner

*Create New Trading Partner - Contacts*

5. To add contact details, click **Manage Contacts**. Text entry fields where you can add contact information are displayed.



WebSphere Product Center  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

Create New Trading Partner > Manage Contacts Monday, October 25, 2004

Name:

Telephone:

E-mail:

Role:  Save

| Name | Telephone | E-mail | Role | Edit | Delete |
|------|-----------|--------|------|------|--------|
|------|-----------|--------|------|------|--------|

Partner Details

### Create New Trading Partner – Manage Contacts

6. Type the contact details in the listed fields:
  - a. In the **Name** field, type the name.
  - b. In the **Telephone** field, type the telephone number.
  - c. In the **Email** field, type the email address.
  - d. From the **Role** drop-down menu, select the role of the contact person for that trading partner.
7. Click **Save**. The contact details are displayed in the **Contacts** area.

WebSphere Product Center  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

Create New Trading Partner > Manage Contacts Monday, October 25, 2004

Name:

Telephone:

E-mail:

Role:  Save

| Name    | Telephone    | E-mail | Role    | Edit | Delete |
|---------|--------------|--------|---------|------|--------|
| Samuel  | 507-856-9987 |        | Bill_To |      |        |
| Dorothy | 507-856-9982 |        | Ship_To |      |        |
| Bill    | 507-856-9965 |        | Bill_To |      |        |

Partner Details

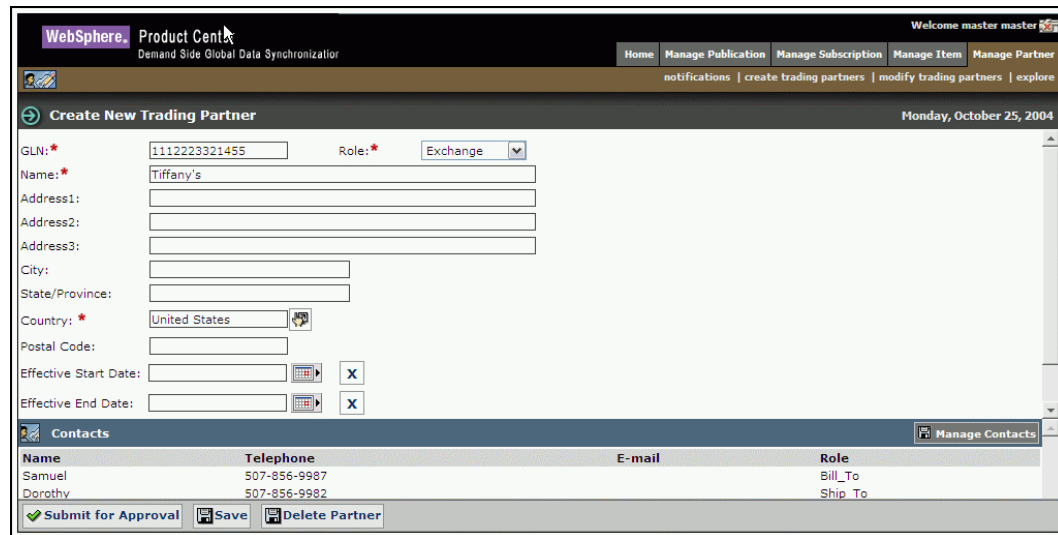
### Manage Contacts – New Contacts

To add details of another contact, repeat steps 6 and 7.

To edit a contact, click on the **Edit** icon

To delete the contact information, click on the **Delete** icon . The contact information for that contact is removed from the **Contacts** area.

8. When you finish adding contacts, click **Partner Details**. The *Create New Trading Partner* page is displayed again. The contacts that you have added are displayed in the **Contacts** area.



**Create New Trading Partner**

GLN: \*  Role: \*

Name: \*

Address1:

Address2:



Address3:



City:

State/Province:




Country: \*

Postal Code:

Effective Start Date:   

Effective End Date:   

| Name    | Telephone    | E-mail | Role    |
|---------|--------------|--------|---------|
| Samuel  | 507-856-9987 |        | Bill_To |
| Dorothy | 507-856-9982 |        | Ship_To |

*Create New Trading Partner with Contacts*

9. After filling in the details for the trading partner, click **Submit for Approval**. The notification “New Trading Partner Pending Approval” is sent to the appropriate user for approval. The notification is displayed in the *New Trading Partner Request* tab view in the *Manage Trading Partner* page.
10. If you have not finished adding the information, and you want to save a draft version, click **Save**.
11. To delete the trading partner, click **Delete Partner**.

## Approve New Trading Partner

When a new trading partner is sent for approval, the notification for approving the new trading partner is displayed in the *New Trading Partner Request* tab view.

To approve a new trading partner:

1. In the *New Trading Partner Request* tab view, click on the notification “New Trading Partner Pending Approval”. The details of the notification are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

**Modify Trading Partner** Monday, October 25, 2004

**Task: Approve New Trading Partner**  
Date: Mon Oct 25 16:09:11 IST 2004  
Status: Draft

GLN: \* 1112223321455 Role: \* Exchange

Name: \* Tiffany's

Address1:

Address2:

Address3:

City:

State/Province:

Country: \* United States

Postal Code:

Effective Start Date:

Effective End Date:

Is Active: Yes

**Contacts**

Approve Reject

### Trading Partner - Approval

- To approve the item, click **Approve**. The notification message "New Trading Partner Approved" is sent to the appropriate user(s).

To reject the item, click **Reject**. The notification message "New Trading Partner Rejected" is sent to the appropriate user(s).

The notifications are displayed in the *New Trading Partner Request* tab view.

## Modify Trading Partner

You can modify those trading partners that are approved.

To modify the information of a trading partner:

- In the *Home* page, click on the **Manage Partner** tab. The *Manage Partner* tab view is displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

**Modify Trading Partner** Monday, October 25, 2004

**Trading Partner Search**

GLN: Partner Name: Search

Status: -- Select Status --

**Search Results [click item to select]**

No Search Results...

### Manage Partner Tab View

2. Click on the **modify trading partner** link. The *Modify Trading Partner* page is displayed.

The screenshot shows the 'Modify Trading Partner' page in the WebSphere Product Center. The page has a header with 'WebSphere Product Center' and 'Demand Side Global Data Synchronizer'. Below the header is a navigation bar with links: Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. A sub-navigation bar contains: notifications | create trading partners | modify trading partners | explore. The main title is 'Modify Trading Partner' with a date 'Monday, November 1, 2004'. Below the title is a 'Trading Partner Search' section with input fields for 'GLN:', 'Partner Name:', and a 'Status:' dropdown menu. A 'Search' button is to the right. Below the search section is a 'Search Results [click item to select]' table.

| GLN                           | Name                           | Role                     | View |
|-------------------------------|--------------------------------|--------------------------|------|
| <a href="#">6701115112292</a> | <a href="#">UCNet Retailer</a> | <a href="#">Exchange</a> |      |
| <a href="#">9998989898989</a> | <a href="#">supply GLN</a>     | <a href="#">Supplier</a> |      |
| <a href="#">1110223454340</a> | <a href="#">Tiffany's</a>      | <a href="#">Exchange</a> |      |
| <a href="#">1220923454349</a> | <a href="#">Walmart</a>        | <a href="#">Exchange</a> |      |
| <a href="#">1220893454349</a> | <a href="#">Amazon</a>         | <a href="#">Exchange</a> |      |
| <a href="#">1330493454349</a> | <a href="#">Bloomingdales</a>  | <a href="#">Exchange</a> |      |



*Modify Trading Partner - Search*

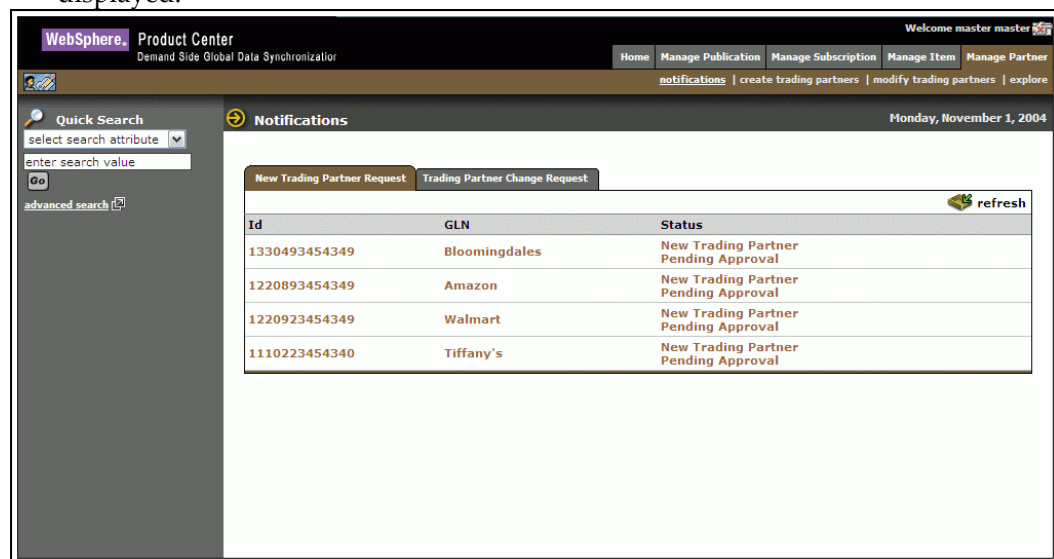
3. Search for the GLN that you want to modify. For more information on performing a search, refer the Search for Trading Partners section in *Chapter 8 - Search*.
4. In the **search results** area, click on the GLN that you want to modify. The details of that GLN (trading partner) are displayed.

The screenshot shows the 'Modify Trading Partner' page with the details form for a specific GLN. The page has the same header and navigation as the previous screenshot. The main title is 'Modify Trading Partner' with a date 'Friday, October 29, 2004'. Below the title is a form with the following fields: 'GLN: \*' (6701115112292), 'Role: \*' (Exchange), 'Name: \*' (UCNet Retailer), 'Address1:', 'Address2:', 'Address3:', 'City:', 'State/Province:', 'Country: \*' (United States), 'Postal Code:', 'Effective Start Date:', 'Effective End Date:', and 'Is Active:' (Yes). Below the form is a 'Contacts' table with columns: Name, Telephone, E-mail, and Role. At the bottom are three buttons: 'Submit for Approval', 'Save', and 'Delete Partner'.

*Modify Trading Partner - Details*

5. Edit the trading partner information in the listed fields:
  - a. In the **GLN** field, edit the global location number. This is the unique 13-digit number used to identify a trade location.
  - b. From the **Role** drop-down menu, select the role of the trading partner. Options available are Exchange, Manufacturer, Retailer, and Supplier.
  - c. In the **Trading Partner Name** field, edit the name of the trading partner.

- d. Fill in the location details of the trading partner in the listed fields.
  - e. In the **Effective Start Date** field, click on the **Calendar** icon  to select the start date.
  - f. In the **Effective End Date** field, click on the **Calendar** icon  to select the end date.
  - g. From the **Status** drop-down menu, select the status of the trading partner. Options available are Active and Inactive.
  - h. From the **Time Zone** drop-down menu, select the time zone relevant to the trading partner. Options available are Eastern, IST, GMT, and Pacific.
  - i. From the **Language** drop-down menu, select the language of the trading partner.
6. To add or modify existing contacts, click **Manage Contacts**. The following page is displayed.



WebSphere Product Center  
Demand Side Global Data Synchronization

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

Monday, November 1, 2004

Quick Search  
select search attribute  
enter search value  
Go  
advanced search


Notifications

New Trading Partner Request Trading Partner Change Request

| Id            | GLN         | Status                               |
|---------------|-------------|--------------------------------------|
| 1330493454349 | Bloomington | New Trading Partner Pending Approval |
| 1220893454349 | Amazon      | New Trading Partner Pending Approval |
| 1220923454349 | Walmart     | New Trading Partner Pending Approval |
| 1110223454340 | Tiffany's   | New Trading Partner Pending Approval |

refresh

#### *Modify Trading Partner – Manage Contacts*

7. To add a new contact:
  - a. In the **Name** field, type the name.
  - b. In the **Telephone** field, type the telephone number.
  - c. In the **Email** field, type the email address.
  - d. From the **Role** drop-down menu, select the role of the contact person for that trading partner.
8. Click **Save**. The contact details are displayed in the **Contacts** area.
9. To modify the existing contact details, click on the **Edit** icon  for that contact. The contact details are displayed in the text fields. Update the information, and click **Save**. The updated information for that contact is displayed in the **Contacts** area.



10. When you finish adding contacts, click **Partner Details**. The *Modify Trading Partner* page is displayed again. The contacts that you have added or updated are displayed in the **Contacts** area.
11. After filling in the details for the trading partner, click **Submit For Approval**. The notification message “Modified Trading Partner Pending Approval” is sent to the appropriate user for approval. The notification is displayed in the *Trading Partner Change Requests* tab view in the *Manage Trading Partners* page.
12. If you have not finished adding the information, and you want to save a draft version, click **Save**.
13. To delete the trading partner, click **Delete Partner**.

## Approve Modified Trading Partner

When a modified trading partner is sent for approval, the notification for approving the trading partner is displayed in the *Trading Partner Change Request* tab view.

To approve a new trading partner:

1. In the *Trading Partner Change Request* tab view, click on the notification “Modified Trading Partner Pending Approval”. The details of the notification are displayed.

The screenshot shows the 'Modify Trading Partner' page in the WebSphere Product Center. The page has a header with 'WebSphere Product Center' and a sub-header 'Demand Side Global Data Synchronizer'. There are navigation tabs: 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below these are links: 'notifications', 'create trading partners', 'modify trading partners', and 'explore'. The main form contains the following fields:

- GLN: 5701115112292
- Role: Exchange
- Name: UCCnet Retailer
- Address1:
- Address2:
- Address3:
- City:
- State/Province:
- Country: United States
- Postal Code:
- Effective Start Date:
- Effective End Date:
- Is Active: Yes

Below the form is a 'Contacts' table with the following columns: Name, Telephone, E-mail, and Role. At the bottom of the page are two buttons: 'Approve' and 'Reject'.

*Modified Trading Partner - Approval*

2. To approve the item, click **Approve**. The notification message “Modified Trading Partner Approved” is sent to the appropriate user(s).

To reject the item, click **Reject**. The notification message “Modified Trading Partner Rejected” is sent to the appropriate user(s).

The notifications are displayed in the *Trading Partner Change Request* tab view.

## Delete Trading Partner

You can delete trading partners that are in the draft status or that has been approved. If a trading partner that is in approved status is deleted, the deletion has to be approved by the appropriate user(s).

### Delete Trading Partner - Draft Status

To delete a trading partner that is in draft status:

1. In the *Home* page, click on the **Manage Partner** tab. The *Manage Partner* tab view is displayed.

The screenshot shows the 'Manage Partner' tab view in the WebSphere Product Center. The page title is 'WebSphere Product Center' with the subtitle 'Demand Side Global Data Synchronization'. The top navigation bar includes 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below the navigation bar, there are links for 'notifications', 'create trading partners', 'modify trading partners', and 'explore'. The main content area is titled 'Modify Trading Partner' and 'Trading Partner Search'. It features a search form with fields for 'GLN:', 'Partner Name:', and 'Status: -- Select Status --'. A 'Search' button is located to the right of the search fields. Below the search form, there is a section for 'Search Results [click item to select]' which currently displays 'No Search Results...'. The date 'Monday, October 25, 2004' is shown in the top right corner.

Manage Partner Tab View

2. Click on the **modify trading partner** link. The *Modify Trading Partner* page is displayed.

The screenshot shows the 'Modify Trading Partner' page in the WebSphere Product Center. The page title is 'WebSphere Product Center' with the subtitle 'Demand Side Global Data Synchronization'. The top navigation bar includes 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below the navigation bar, there are links for 'notifications', 'create trading partners', 'modify trading partners', and 'explore'. The main content area is titled 'Modify Trading Partner' and 'Trading Partner Search'. It features a search form with fields for 'GLN:', 'Partner Name:', and 'Status: -- Select Status --'. A 'Search' button is located to the right of the search fields. Below the search form, there is a section for 'Search Results [click item to select]' which displays a table of trading partners. The table has columns for 'GLN', 'Name', 'Role', and 'View'. The data rows are as follows:

| GLN           | Name           | Role     | View |
|---------------|----------------|----------|------|
| 6701115112292 | UCNet Retailer | Exchange |      |
| 8989898989890 | supply GLN     | Supplier |      |
| 1110223454340 | Tiffany's      | Exchange |      |
| 1220923454349 | Walmart        | Exchange |      |
| 1220893454349 | Amazon         | Exchange |      |
| 1330493454349 | Bloomingdales  | Exchange |      |

The date 'Monday, November 1, 2004' is shown in the top right corner.

Trading Partner - Search



3. Search for the GLN that you want to modify. For more information on performing a search, refer the Search for Trading Partners section in *Chapter 8 - Search*.
4. In the **search results** area, click on the GLN that you want to modify. If the Trading Partner details are in the draft status, the details of that GLN (trading partner) are displayed as shown in the following screen.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

**Modify Trading Partner** Monday, November 1, 2004

GLN: \* 1220923454349 Role: \* Exchange

Name: \* Walmart

Address1:

Address2:

Address3:

City:

State/Province:

Country: \* United States

Postal Code:

Effective Start Date:

Effective End Date:

Is Active: Yes

**Contacts**

| Name | Telephone | E-mail | Role |
|------|-----------|--------|------|
|      |           |        |      |

Approve Reject

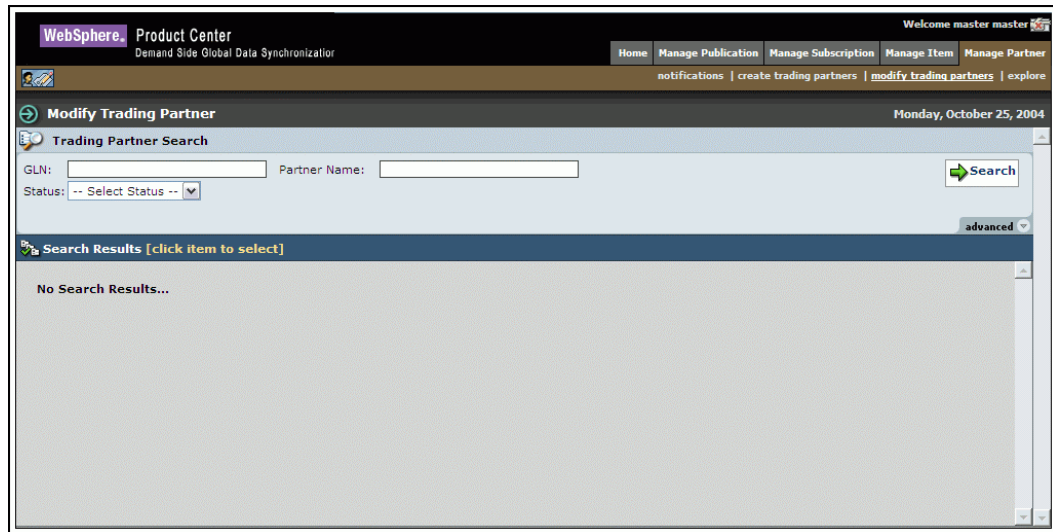
*Modify trading Partner – Details*

5. To delete the Trading Partner details click **Reject**. The trading partner record is deleted from the system. No notification is sent for approval.

## Delete Trading Partner – Approved Status

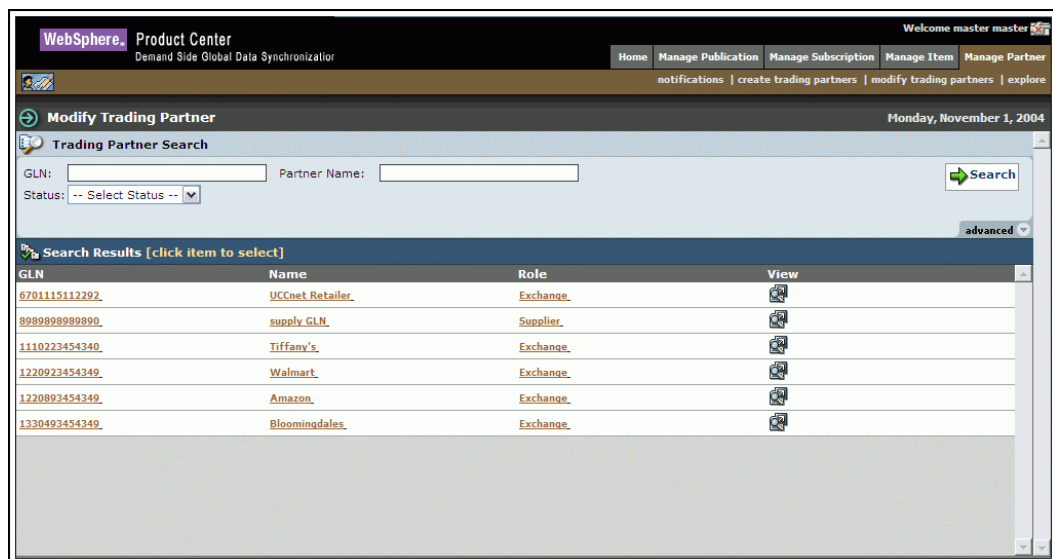
To delete a trading partner that is in Approved status:

1. In the *Home* page, click on the **Manage Partner** tab. The *Manage Partner* tab view is displayed.



*Manage Partner Tab View*

2. Click on the **modify trading partner** link. The *Modify Trading Partner* page is displayed.



*Modify Trading Partner - Search*

3. Search for the GLN that you want to modify. For more information on performing a search, refer the Search for Trading Partners section in *Chapter 8 - Search*.
4. In the **search results** area, click on the GLN that you want to modify. If the Trading Partner details are in the approved status, the details of that GLN (trading partner) are displayed as shown in the following screen.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

**Modify Trading Partner** Monday, November 1, 2004

GLN: \* 1220893454349 Role: \* Exchange

Name: \* Amazon

Address1:

Address2:

Address3:

City:

State/Province:

Country: \* United States

Postal Code:

Effective Start Date:

Effective End Date:

**Contacts** Manage Contacts

| Name | Telephone | E-mail | Role |
|------|-----------|--------|------|
|      |           |        |      |

Submit for Approval Save Delete Partner

*Modify trading Partner – Details*

- To delete a trading partner that is in approved status, click **Delete Partner**. The notification “Trading Partner Deletion Pending Approval” is sent to the appropriate user. The notification is displayed in the *Trading Partner Change Request* tab view.

## Approve Deleted Trading Partner

To approve a deleted trading partner:

- In the *Trading Partner Change Request* tab view, click on the notification “Trading Partner Deletion Pending Approval”. The details of the notification are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create trading partners | modify trading partners | explore

**Modify Trading Partner** Monday, November 1, 2004

**Task: Approve Trading Partner Deletion**  
Date: Wed Nov 03 08:44:06 IST 2004  
Status: Approved

GLN: \* 1220893454349 Role: \* Exchange

Name: \* Amazon

Address1:

Address2:

Address3:

City:

State/Province:

Country: \* United States

Postal Code:

Effective Start Date:

Effective End Date:

Is Active: Yes

**Contacts**

| Name | Telephone | E-mail | Role |
|------|-----------|--------|------|
|      |           |        |      |

Approve Reject

*Deleted Trading Partner - Approval*

- To approve the trading partner, click **Approve**. The notification message “Trading Partner Deletion Approved” is sent to the appropriate user(s).

To reject the trading partner deletion, click **Reject**. The notification message “Trading Partner Deletion Rejected” is sent to the appropriate user(s).

The notifications are displayed in the *Trading Partner Change Request* tab view.

### ***Explore Trading Partners***

For information about performing a search for trading partners, refer the section Search Trading Partners in *Chapter 8 – Search*.



---

## Ch 8 Search

The IBM Global Data Synchronization for WebSphere Product Center application offers three search options:

- Quick Search - The Quick Search option is displayed in the left navigation pane on all the main pages. You can search by object or by attributes.
- Basic Search – The Basic Search option is displayed by default when you access a search page. This allows you to search for information related to the section you are currently working on. For example, Manage Items section.
- Advanced Search – The Advanced Search option allows you to perform a more detailed search.

The Search facility enables you to:

- [Search for Publications](#)
- [Search for Subscriptions](#)
- [Search for Items/Hierarchies](#)
- [Search for Trading Partners](#)

You can enter search parameters and values in the Search fields, to narrow your search.

### Tip!

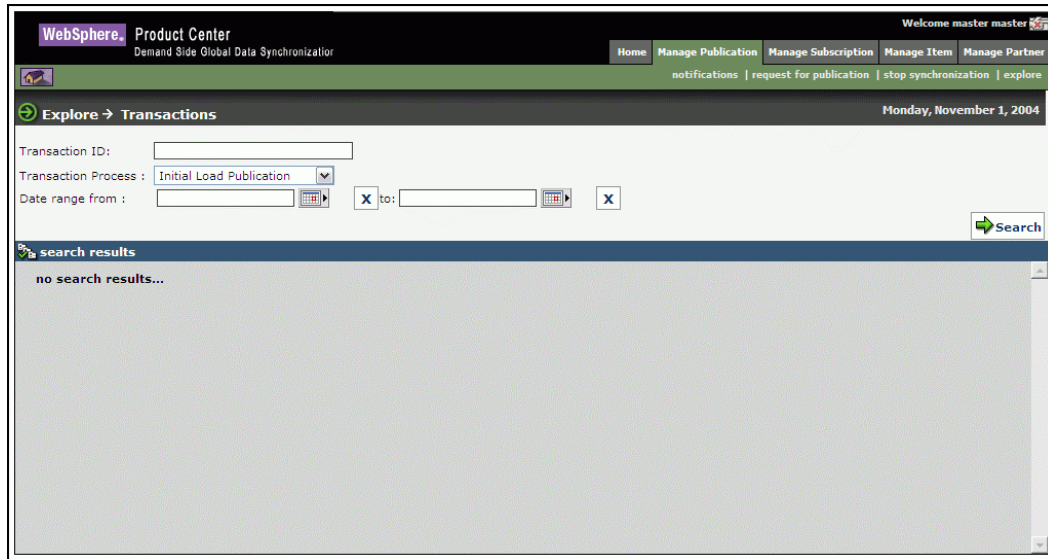
If you do not know the search values, you can type the partial search criteria with the wildcard character (\*) and click **Search**. For example, if you do not know the GTIN, type 1\*. A list of GTINs that start with 1 is displayed in the **search results** area.

### ***Search for Publications***


To search for publications:

1. In the *Manage Publication* tab view, click on the **explore** link. The *Explore Transactions* page is displayed.











### Explore Transactions

2. You can type search parameters in any or all the following fields:
  - a. In the **Transaction ID** field, type the ID of the publication that you want to search for.
  - b. From the **Transaction Process** drop-down menu, select the type of transaction. Options available are: Initial Load Publication, Item Change Publication, New Item Publication, Item Delist publication, Request for Publication, Item Withdraw Publication, Stop Synchronization.
  - c. In the **Date range from** and **to** fields, select the dates using the **Calendar** icon .
  - d. From the **Status** drop-down menu, select the status of the transaction. Options available are Accepted, Pending, Rejected, Review, and Synchronized.
3. Click **Search**. The search results are displayed in the **search results** area.

The screenshot shows the 'Explore Transactions' page with search results. The date is 'Tuesday, November 16, 2004'. The search filters are the same as in the previous screenshot. The search results area displays a table with the following data:

| Transaction ID    | Transaction Process      | GTIN_TM_IP                      | GTIN Name          | IP Name      | Transaction Date | Status   | View Details  |
|-------------------|--------------------------|---------------------------------|--------------------|--------------|------------------|--|---|
| UCCNet_0000000233 | Initial Load Publication | 00798452234639_US_0000609623334 | QA_Test_B1_Pallet1 | TRIGO SUPPLY | 11/10/2004       | Initial Load Publication<br>Internal Sync Message Sent |  |
| UCCNet_0000000251 | Initial Load Publication | 22222222222226_US_7981315112271 | Package            | TRIGO SUPPLY | 11/10/2004       | Initial Load Publication<br>Approval Pending           |  |
| UCCNet_0000000250 | Initial Load Publication | 22222222222226_US_7981315112271 | Package            | TRIGO SUPPLY | 11/10/2004       | Initial Load Publication<br>Internal Sync Message Sent |  |
| UCCNet_0000000249 | Initial Load Publication | 30006000000197_US_7981315112271 | NA                 | NA           | 11/10/2004       | Initial Load Publication<br>Enrichment Completed       |  |
| UCCNet_0000000247 | Initial Load Publication | 22222222222226_US_7981315112271 | Package            | TRIGO SUPPLY | 11/10/2004       | Initial Load Publication<br>Internal Sync Message Sent |  |
| UCCNet_0000000238 | Initial Load Publication | 00798452777778_US_0000609623334 | QA_Pallet_01       | TRIGO SUPPLY | 11/10/2004       | Initial Load Publication<br>Internal Sync Message      |  |



## Search for Subscriptions/Filters

You can perform the following:

- [Search Subscriptions](#)
- [Search Filters](#)


## Search Subscriptions

To search for subscriptions:

1. In the *Manage Subscriptions* tab view, click on the **explore** link. The *Explore Transactions* page is displayed.

The screenshot displays the 'Explore Transactions' interface within the WebSphere Product Center. The top navigation bar includes links for Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. Below this, a secondary bar contains links for notifications, add filters, edit filters, add subscription, edit subscription, query subscription, and explore. The main content area is titled 'Explore → Transactions' and shows a date of Monday, October 25, 2004. The 'Search Subscriptions' tab is active, showing search filters for Transaction ID, Transaction Process (set to Query Subscription), Subscription Date range (from and to), and Subscription ID. A 'Search' button is located to the right of the filters. Below the filters, the 'Details' section displays 'no search results...'.

Explore Transactions – Search Subscriptions

2. You can type search parameters in any or all the following fields:
  - a. In the **Transaction ID** field, type the ID of the transaction that you want to search for.
  - b. From the **Transaction Process** drop-down menu, select the type of transaction. The available transaction processes are Query Subscription, Subscription Add, Subscription approval, Subscription Deletion.
  - c. In the **Subscription Date range from** and **to** fields, select the dates using the **Calendar** icon . The search results displayed will be within this date range
  - d. In the **Subscription ID** field, type the ID of the subscription that you want to search for.
3. Click **Search**. The search results are displayed in the **search results** area.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | add filters | edit filters | add subscription | edit subscription | query subscription | explore

Explore → Transactions Monday, October 25, 2004

Search Subscriptions Search Filters

Transaction ID:

Transaction Process :

Subscription Date range from :  to:

Subscription ID :

Search

Details

| Transaction ID    | Type                           | Subscription ID | Date       | Status        | View Details |
|-------------------|--------------------------------|-----------------|------------|---------------|--------------|
| UCCNet_0000000718 | Query Subscription in Datapool | Not Specified   | 10/25/2004 | Not Specified |              |

## Search Filters

To search for filters:

1. In the *Manage Subscriptions* tab view, click on the **explore** link. The *Explore Transactions* page is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | add filters | edit filters | add subscription | edit subscription | query subscription | explore

Explore → Transactions Monday, October 25, 2004

Search Subscriptions Search Filters

Transaction ID:

Transaction Process :

Date range from :  to:

Filter Name:


Search

Details

no search results...

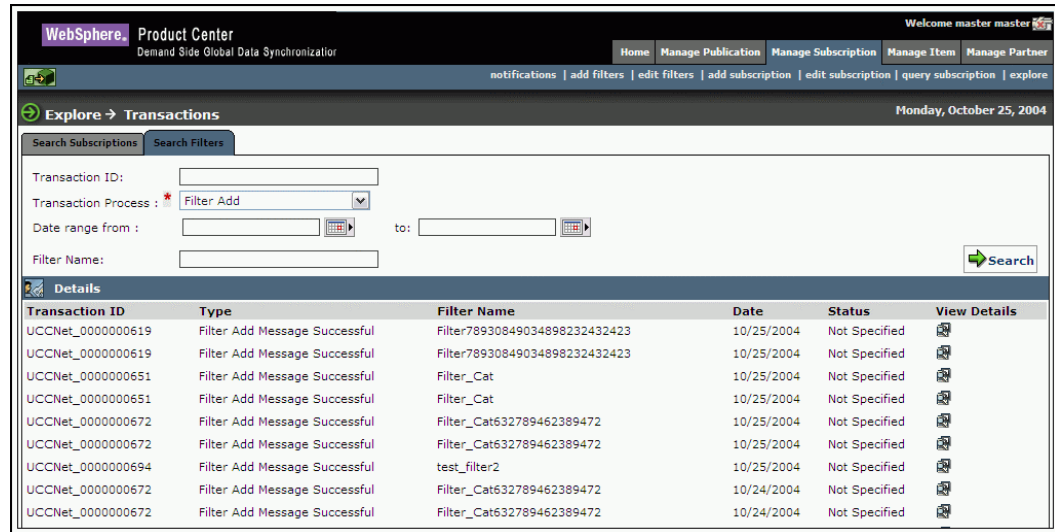
### *Explore Transactions – Search Filters*










2. Click on the **Search Filters** tab. The *Search Filters* tab view is displayed.
3. You can type search parameters in any or all the following fields:
  - a. In the **Transaction ID** field, type the ID of the transaction that you want to search for.
  - b. From the **Transaction Process** drop-down menu, select the type of transaction. Options available are Filter Add, Filter Approval, Filter Deletion, and Filter Modification.

c. In the **Date range from** and **to** fields, select the dates using the **Calendar** icon .

d. In the **Filter Name** field, type the name of the filter.

4. Click **Search**. The search results are displayed in the **search results** area.



| Transaction ID    | Type                          | Filter Name                   | Date       | Status        | View Details  |
|-------------------|-------------------------------|-------------------------------|------------|---------------|---|
| UCCNet_0000000619 | Filter Add Message Successful | Filter78930849034898232432423 | 10/25/2004 | Not Specified |  |
| UCCNet_0000000619 | Filter Add Message Successful | Filter78930849034898232432423 | 10/25/2004 | Not Specified |  |
| UCCNet_0000000651 | Filter Add Message Successful | Filter_Cat                    | 10/25/2004 | Not Specified |  |
| UCCNet_0000000651 | Filter Add Message Successful | Filter_Cat                    | 10/25/2004 | Not Specified |  |
| UCCNet_0000000672 | Filter Add Message Successful | Filter_Cat632789462389472     | 10/25/2004 | Not Specified |  |
| UCCNet_0000000672 | Filter Add Message Successful | Filter_Cat632789462389472     | 10/25/2004 | Not Specified |  |
| UCCNet_0000000694 | Filter Add Message Successful | test_filter2                  | 10/25/2004 | Not Specified |  |
| UCCNet_0000000672 | Filter Add Message Successful | Filter_Cat632789462389472     | 10/24/2004 | Not Specified |  |
| UCCNet_0000000672 | Filter Add Message Successful | Filter_Cat632789462389472     | 10/24/2004 | Not Specified |  |

*Explore Filter – Search Results*

## ***Search for Items/Hierarchies***

You can perform the following:

- [Search Items](#)
- [Browse Item](#)
- [Search Item Transactions](#)
- [Search Hierarchy Transactions](#)

## **Search Items**

To search for items:

1. In the *Manage Item* tab view, click on the **explore** link. The *Explore Items* page is displayed, with *Search Item* tab view being displayed by default.

The screenshot displays the 'Basic Search' section of the WebSphere Product Center. At the top, there's a navigation bar with links like 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below this, a search bar contains tabs for 'Search Item', 'Browse Item', 'Item Transaction', and 'Hierarchy Transaction'. The 'Basic Search' tab is active. It features six input fields: 'GTIN:', 'GTIN Name:', 'Brand Name:', 'EAN.UCC Code:', 'Description:', and 'Product Type:'. The 'Product Type' field is a dropdown menu currently showing '-- Select Product Type --'. A green 'Search' button is located to the right of the input fields. Below the search fields, there's a section for 'search results [click item to select] →' which currently displays 'no search results...'. An 'advanced' link is also present at the bottom right of the search area.

*Search Item – Basic Search*

2. You can type search parameters in any or all the following fields:
  - a. In the **GTIN** field, type the Global Trade Item Number for the trade item.
  - b. In the **EAN.UCC Code** field, type the EAN/UCC code or number required based on the product type.
  - c. In the **GTIN Name** field, type the name of the GTIN.
  - d. In the **Description** field, type the description for the GTIN.
  - e. In the **Brand Name** field, type the name of the brand.
  - f. From the **Product Type** drop-down menu, select the type of the product. Options available are Case, Display/ Shipper, Each, Mod Pallet (Mixed), Package, and Pallet.
3. For a more detailed search, click **advanced**. Additional fields where you can type in search parameters are displayed.

**WebSphere Product Center**  
Demand Side Global Data Synchronizer

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

notifications | create item | edit item | create hierarchy | edit hierarchy | query item | explore

Explore → Items Wednesday, November 17, 2004

Search Item Browse Item Item Transaction Hierarchy Transaction

**Search Item**

GTIN:  EAN.UCC Code:

GTIN Name:  Brand Name:

Product Type: -- Select Product Type --

Information Provider [GLN]:  Target Market:

Information Provider [Name]:  UDEX Category Code:

Brand Owner [Name]:  DataPool Category [Description]:

Manufacturer [GLN]:  Ordering Unit Indicator: -- Select Ordering Unit Indicator --

Manufacturer [Name]:

basic

search results [click item to select] →

no search results...

#### Search Items - Advanced

- In the **Information Provider [GLN]** field, type the global location number of the information provider.
- In the **Target Market** field, click on **add TM**. The Target Market selection screen is displayed.

**Target Market Search**

Search String:

Browse alphabetically:  
all A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

search results [click to add] →

| Code | Name          |
|------|---------------|
| US   | United States |

#### Target Market - Search

- From the *Target Market search* screen, select a target market.

- d. In the **Information Provider [Name]** field, type the name of the information provider.
- e. In the **Language Code** field, type the language code.
- f. In the **Brand Owner [Name]** field, type the name of the brand owner.
- g. In the **UDEX Category Code** field, type the UDEX Category code.
- h. In the **Manufacturer [GLN]** field, type the global location number of the manufacturer.
- i. In the **UDEX Category Description** field, type the description of UDEX Category.
- j. In the **Manufacturer [Name]** field, type the name of the manufacturer.
- k. From the drop down for **Ordering Unit Indicator**, select **Yes, No**

4. Click **Search**. The search results are displayed in the **search results** area.

The screenshot shows the 'Basic Search' section of the WebSphere Product Center. The search form includes fields for GTIN, EAN.UCC Code, GTIN Name, Description, Brand Name, and Product Type. A 'Search' button is located to the right of the form. Below the search form, the 'search results [click item to select]' section displays a table of results.

| EAN.UCC Code   | GTIN           | GTIN Name         | Product Type | Internal Category | Status           |
|----------------|----------------|-------------------|--------------|-------------------|------------------|
| 0798452121212  | 00798452121212 | QA_Test_G3_Case   | CASE         | 10000056          | Synchronized     |
| 798452222124   | 00798452222124 | QA_Test_B1_Each   | EACH         | 10000056          | Synchronized     |
| 798452222346   | 00798452222346 | QA_Test_B1_Case   | CASE         | 10000056          | Synchronized     |
| 00798452321315 | 00798452321315 | QA_Test_I2_Each   | EACH         | 10000056          | Synchronized     |
| 798452345342   | 00798452345342 | QA_Test_B1_Pallet | PALLET       | 10000056          | Modified Locally |

*Search Items – Search Results*

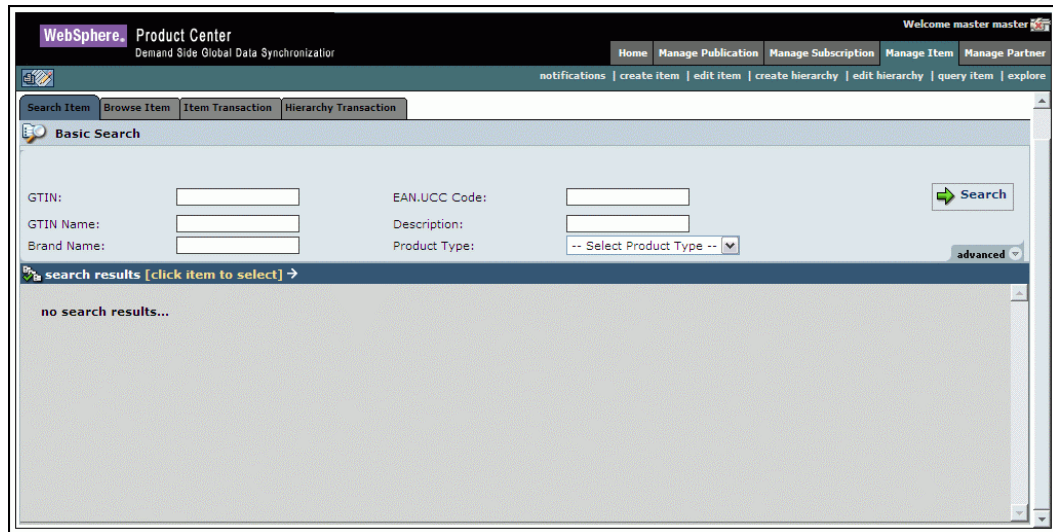
## Browse Items

You can browse for an item according to the internal classification.

To browse for an item through internal classification:

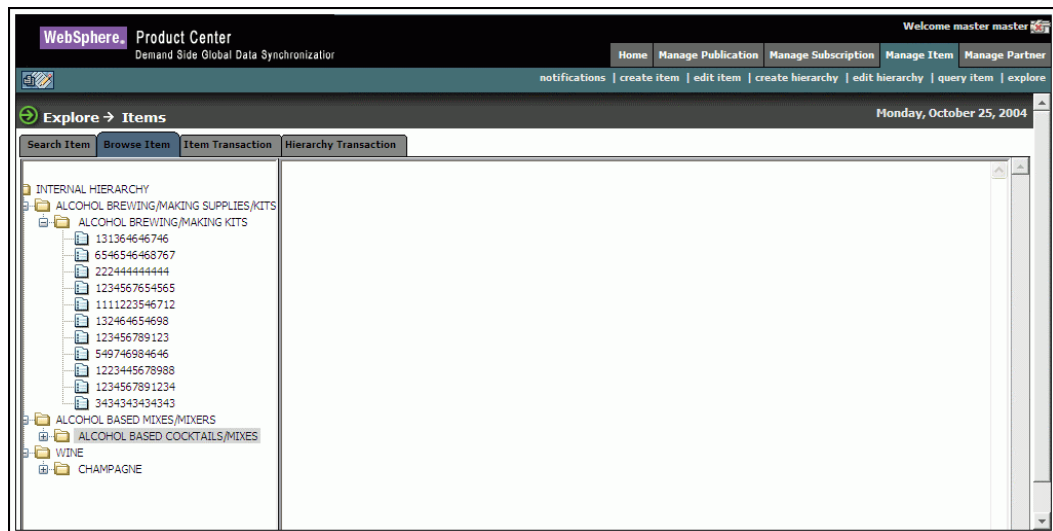
1. In the *Manage Item* tab view, click on the **explore** link. The *Explore Items* page is displayed.





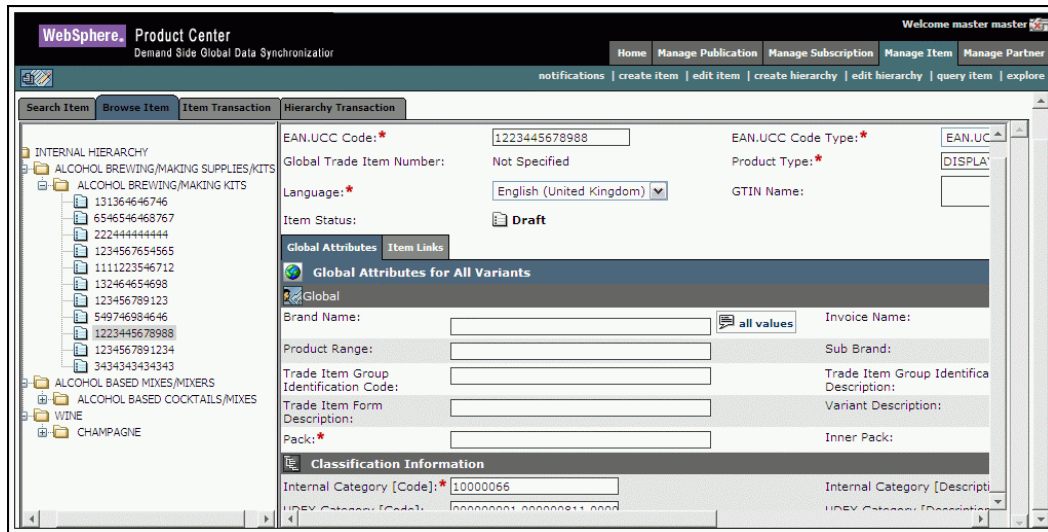
### *Manage Item - Explore*

2. Click on the **Browse Items** tab. The *Browse Items* tab view is displayed



The Internal classification tree view is displayed on the left of the screen. When you click on the EAN.UCC code, the details of the item are displayed on the right of the screen



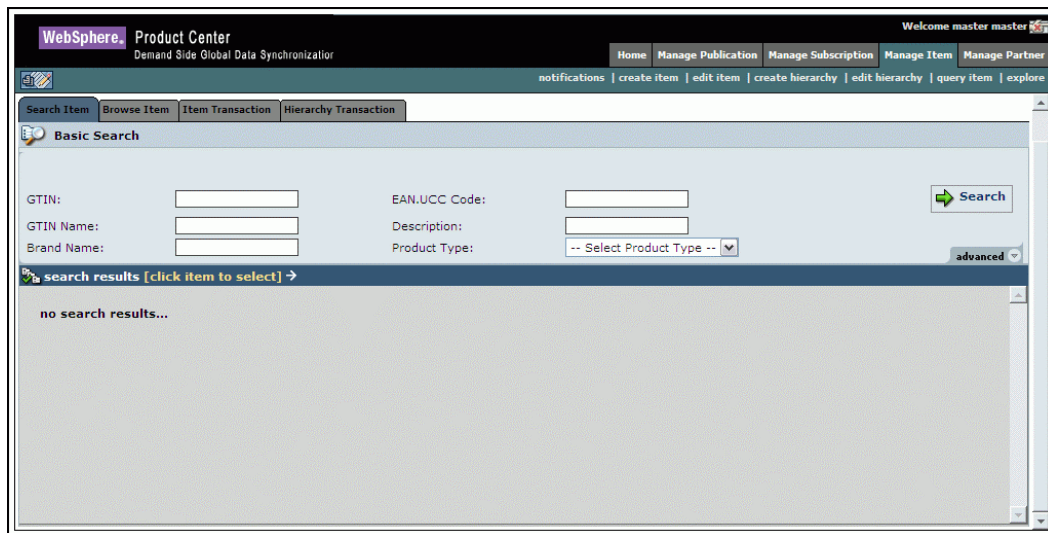


*Browse Items by Internal Classification*

## Search Item Transactions

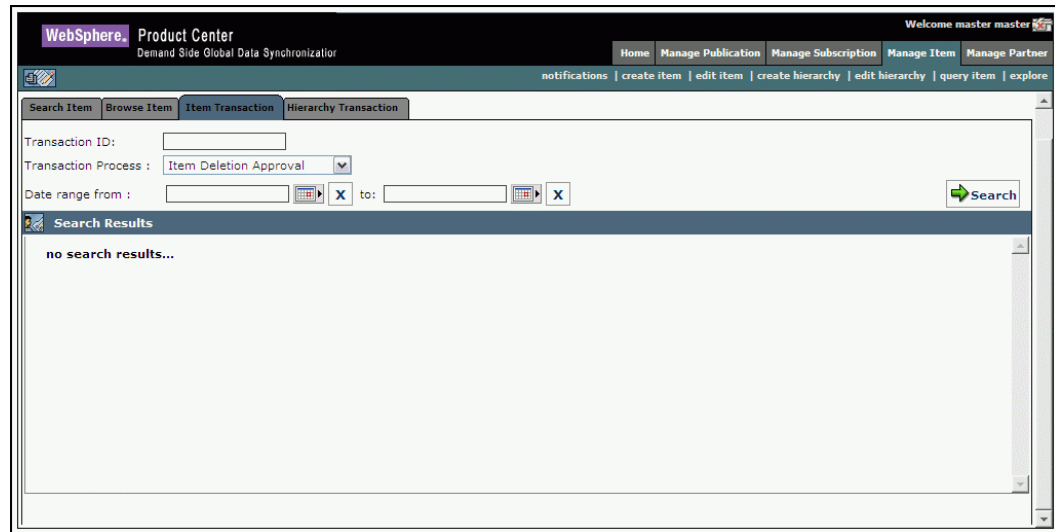
To search for item transactions:

1. In the *Manage Item* tab view, click on the **explore** link. The *Explore Item* page is displayed.




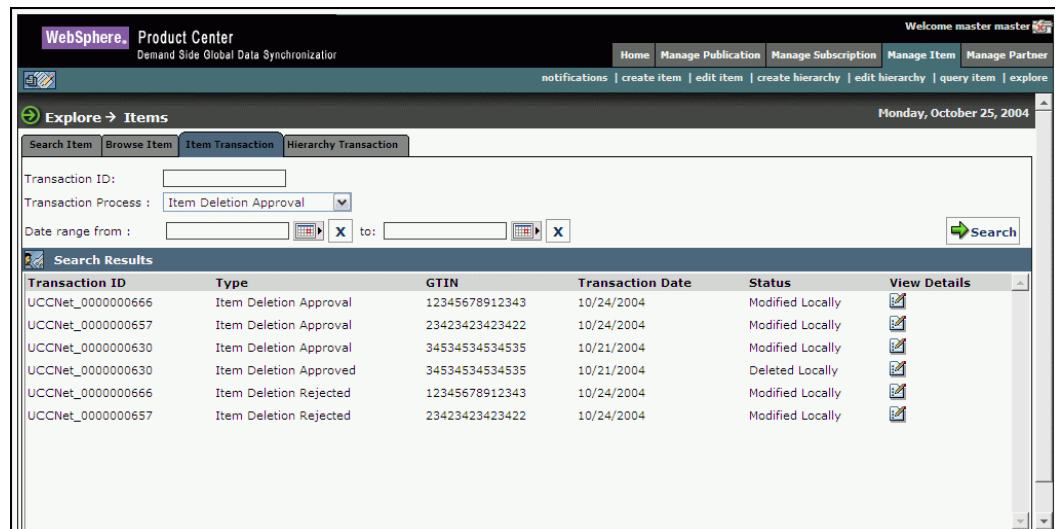
*Search Item*

2. Click on the **Item Transaction** tab. The *Item Transaction* tab view is displayed.



*Search Item Transaction*

3. You can type search parameters in any or all the following fields:
  - a. In the **Transaction ID** field, type the ID of the transaction that you want to search for.
  - b. From the **Transaction Process** drop-down menu, select the type of transaction process.
  - c. In the **Date range from** and **to** fields, select the dates using the **Calendar** icon .
4. Click **Search**. The search results are displayed in the **search results** area.



*Item Transactions – Search Results*

## Search Hierarchy Transactions

To search for hierarchy transactions:

1. In the *Manage Item* tab view, click on the **explore** link. The *Explore Item* page is displayed.

The screenshot shows the 'Basic Search' interface in the WebSphere Product Center. The top navigation bar includes 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below this, a secondary bar contains links like 'notifications', 'create item', 'edit item', 'create hierarchy', 'edit hierarchy', 'query item', and 'explore'. The main search area has tabs for 'Search Item', 'Browse Item', 'Item Transaction', and 'Hierarchy Transaction'. The 'Search Item' tab is active, showing fields for 'GTIN:', 'GTIN Name:', 'Brand Name:', 'EAN.UCC Code:', 'Description:', and 'Product Type:'. A 'Search' button is on the right. Below the search fields, a message states 'no search results...'.


*Search Items*

2. Click on the **Hierarchy Transaction** tab. The *Hierarchy Transaction* tab view is displayed.

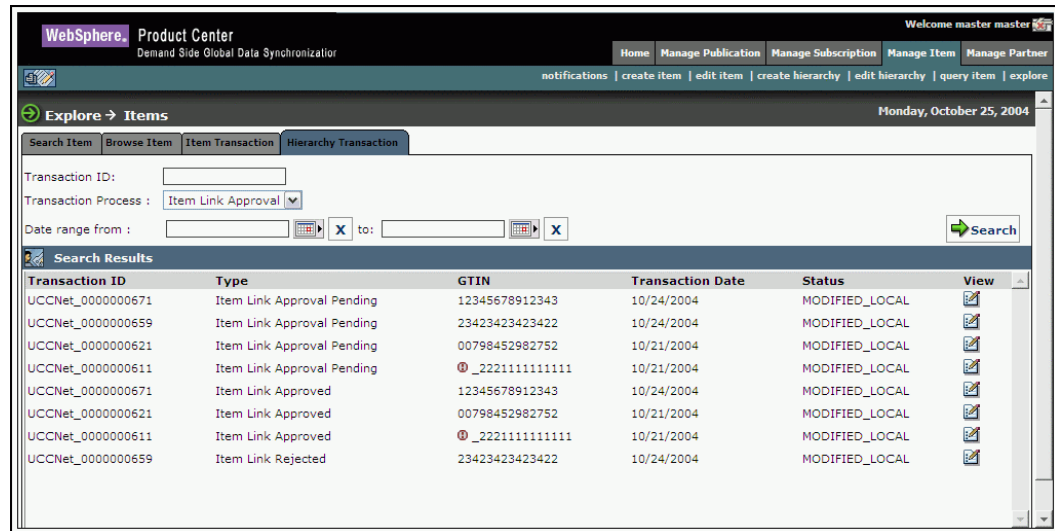
The screenshot shows the 'Hierarchy Transaction' search interface. The top navigation bar is the same as the previous screenshot. The secondary bar now includes 'explore' and 'query item'. The 'Hierarchy Transaction' tab is active. The search area has fields for 'Transaction ID:', 'Transaction Process:' (with a dropdown menu set to 'Item Link Approval'), and 'Date range from:' (with a date picker). A 'Search' button is on the right. Below the search fields, a message states 'no search results...'.









*Search Hierarchy Transaction*

3. You can type search parameters in any or all the following fields:
  - a. In the **Transaction ID** field, type the ID of the transaction that you want to search for.
  - b. From the **Transaction Type** drop-down menu, select the type of transaction.

c. In the **Date range from** and **to** fields, select the dates using the **Calendar** icon .

4. Click **Search**. The search results are displayed in the **search results** area.



| Transaction ID    | Type                       | GTIN             | Transaction Date | Status         | View  |
|-------------------|----------------------------|------------------|------------------|----------------|---|
| UCCNet_0000000671 | Item Link Approval Pending | 12345678912343   | 10/24/2004       | MODIFIED_LOCAL |  |
| UCCNet_0000000659 | Item Link Approval Pending | 23423423423422   | 10/24/2004       | MODIFIED_LOCAL |  |
| UCCNet_0000000621 | Item Link Approval Pending | 00798452982752   | 10/21/2004       | MODIFIED_LOCAL |  |
| UCCNet_0000000611 | Item Link Approval Pending | 0_22211111111111 | 10/21/2004       | MODIFIED_LOCAL |  |
| UCCNet_0000000671 | Item Link Approved         | 12345678912343   | 10/24/2004       | MODIFIED_LOCAL |  |
| UCCNet_0000000621 | Item Link Approved         | 00798452982752   | 10/21/2004       | MODIFIED_LOCAL |  |
| UCCNet_0000000611 | Item Link Approved         | 0_22211111111111 | 10/21/2004       | MODIFIED_LOCAL |  |
| UCCNet_0000000659 | Item Link Rejected         | 23423423423422   | 10/24/2004       | MODIFIED_LOCAL |  |

*Hierarchy Transaction – Search Results*

## Search for Trading Partners

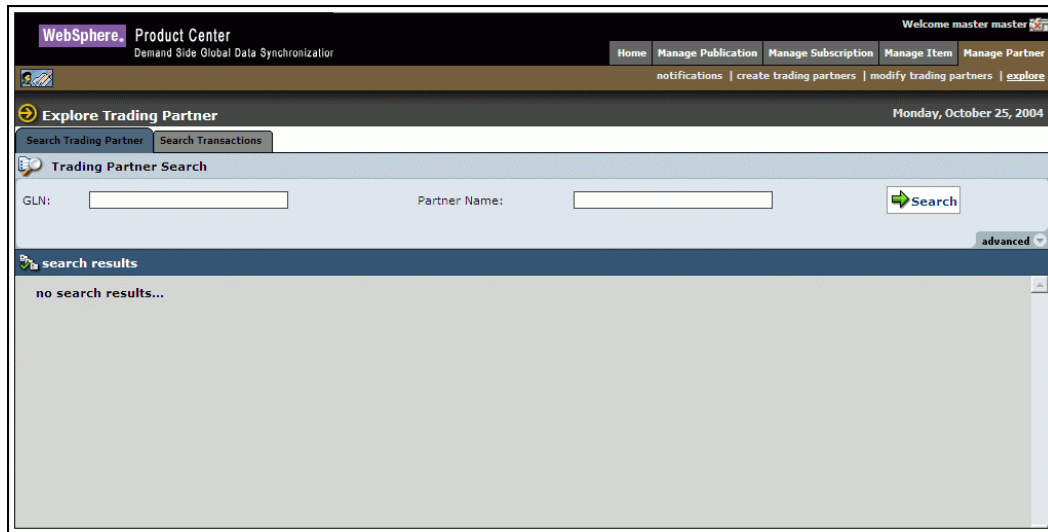
You can perform the following:

- [Search Trading Partners](#)
- [Search Transactions](#)

## Search Trading Partners

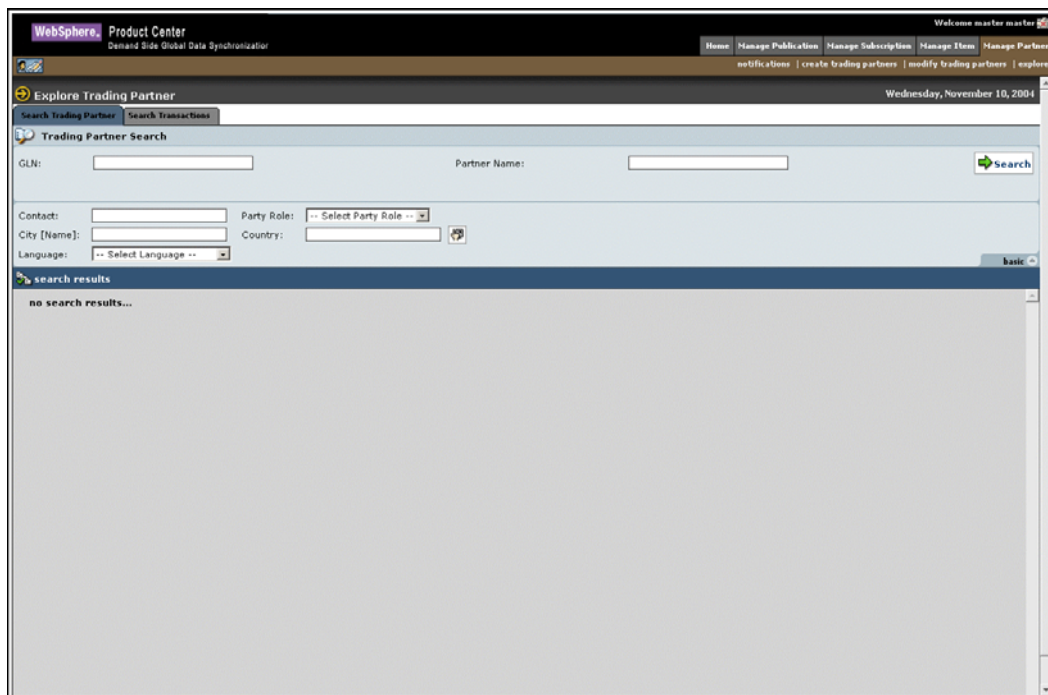
To search for trading partners:

1. In the *Manage Partner* tab view, click on the **explore** link. The *Explore Trading Partner* tab view is displayed.




*Explore Trading Partner- Basic Search*

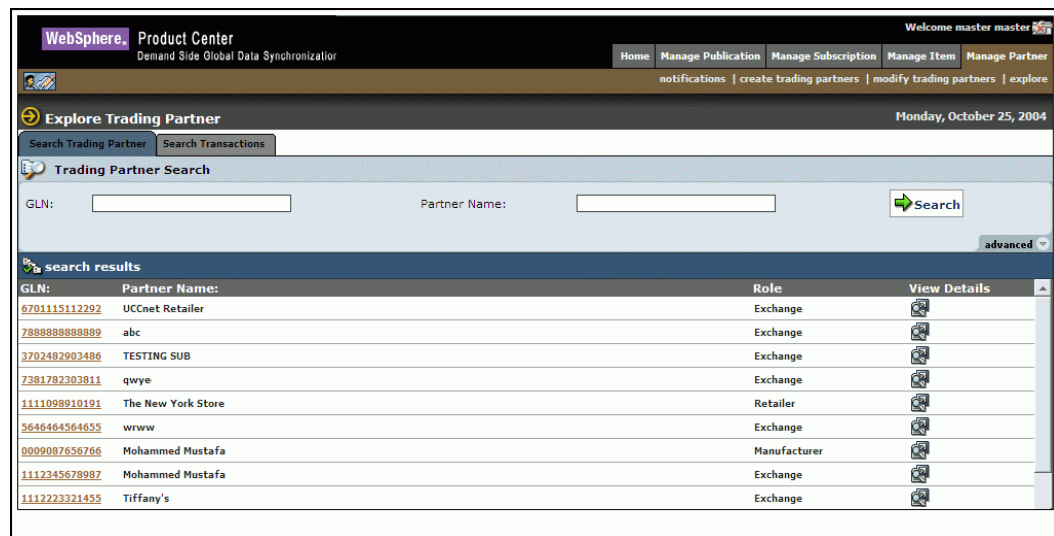
2. You can type search parameters in any or all the following fields:
  - a. In the **GLN** field, type the GLN of the trading partner.
  - b. In the **Partner Name** field, type the name of the trading partner.
  - c. For a more detailed search, click **advanced**. Additional fields where you can type in search parameters are displayed.












*Explore Trading Partner – Advanced Search*

- d. In the **Contact** field, type the contact number of the trading partner.

- e. From the **Party Role** drop-down menu, select the role of the trading partner. Options available are Exchange, Manufacturer, Retailer, and Supplier.
  - f. In the **City [Name]** field, type the name of the city to which the trading partner belongs to.
  - g. In the **Country Code** field, type the code of the country to which the trading partner belongs to or select the country code using the **Look Up**  icon.
  - h. From the **Language** drop-down menu, select the language of the trading partner.
3. Click **Search**. The search results are displayed in the **search results** area.



The screenshot shows the WebSphere Product Center interface. At the top, there's a navigation bar with links like Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. Below this is a search bar with fields for GLN and Partner Name, and a Search button. The search results are displayed in a table with columns for GLN, Partner Name, Role, and View Details. The results list various trading partners with their roles, such as Exchange, Retailer, Manufacturer, and Supplier.

| GLN           | Partner Name       | Role         | View Details  |
|---------------|--------------------|--------------|---|
| 6701115112292 | UCCnet Retailer    | Exchange     |    |
| 7888888888889 | abc                | Exchange     |   |
| 3702482903486 | TESTING SUB        | Exchange     |  |
| 7381782303811 | qwye               | Exchange     |  |
| 1111098910191 | The New York Store | Retailer     |  |
| 5646464564655 | wrrww              | Exchange     |  |
| 0009087656766 | Mohammed Mustafa   | Manufacturer |  |
| 1112345678987 | Mohammed Mustafa   | Exchange     |  |
| 1112223321455 | Tiffany's          | Exchange     |  |

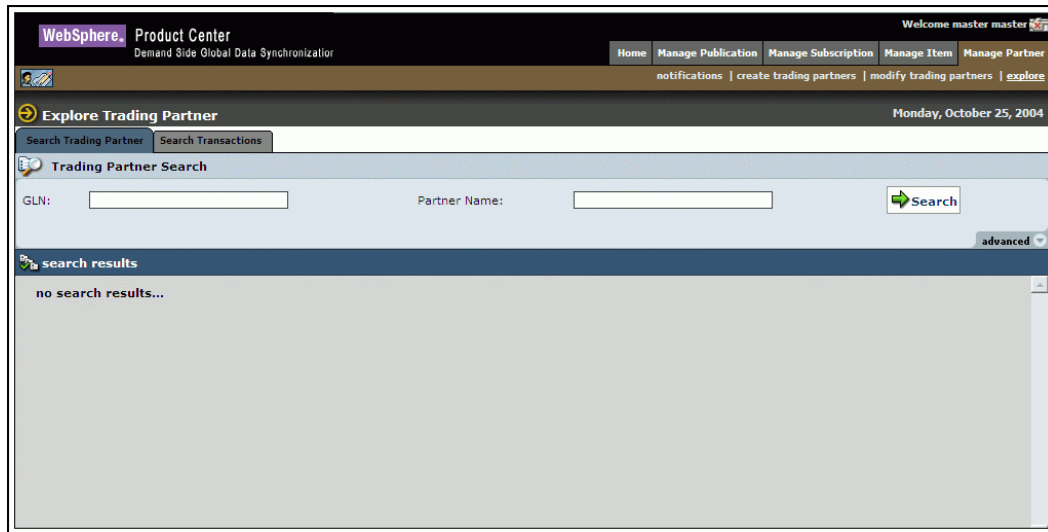
*Trading Partners – Search Results*

## Search Transactions

To search for transactions related to trading partners:

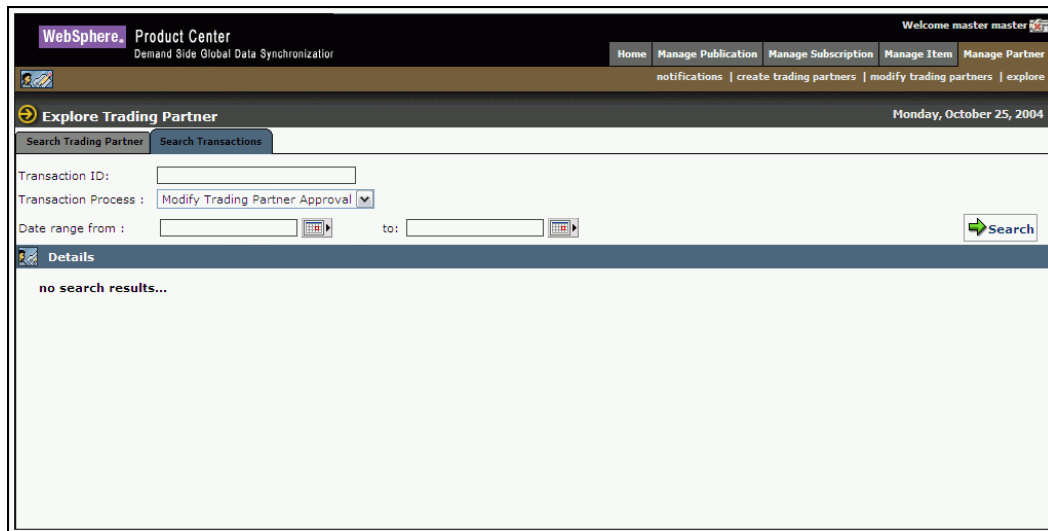
1. In the *Manage Partner* tab view, click on the **explore** link. The *Search Trading Partner* tab view is displayed.






*Search Trading Partner*

2. Click on the **Search Transactions** tab. The *Search Transactions* tab view is displayed.



*Explore Trading Partner - Search Transactions*

3. You can type search parameters in any or all the following fields:
  - a. In the **Transaction ID** field, type the ID of the publication that you want to search for.
  - b. From the **Transaction Type** drop-down menu, select the type of transaction.
  - c. In the **Date range from** and **to** fields, select the dates using the **Calendar** icon .
  - d. Click **Search**. The search results are displayed in the **Details** area.



WebSphere® Product Center

Demand Side Global Data Synchronizer

Welcome master master

Home

Manage Publication

Manage Subscription

Manage Item

Manage Partner

notifications | create trading partners | modify trading partners | explore

Explore Trading Partner

Monday, October 25, 2004

Search Trading Partner

Search Transactions

Transaction ID:

Transaction Process : Modify Trading Partner Approval

Date range from :  to:

Search

Details

| Transaction ID    | Type                                      | GLN           | Date       | Status   | View Details |
|-------------------|---|---------------|------------|----------|--------------|
| UCCNet_0000000678 | Modified Trading Partner Approved         | 2333333333339 | 10/24/2004 | Approved |              |
| UCCNet_0000000678 | Modified Trading Partner Approved         | 2333333333339 | 10/24/2004 | Approved |              |
| UCCNet_0000000655 | Modified Trading Partner Approved         | 4666666666668 | 10/21/2004 | Approved |              |
| UCCNet_0000000613 | Modified Trading Partner Approved         | 7888888888889 | 10/21/2004 | Approved |              |
| UCCNet_0000000613 | Modified Trading Partner Approved         | 7888888888889 | 10/21/2004 | Approved |              |
| UCCNet_0000000606 | Modified Trading Partner Approved         | 4545454545456 | 10/21/2004 | Approved |              |
| UCCNet_0000000613 | Modified Trading Partner Pending Approval | 7888888888889 | 10/25/2004 | Draft    |              |
| UCCNet_0000000678 | Modified Trading Partner Pending Approval | 2333333333339 | 10/24/2004 | Draft    |              |
| UCCNet_0000000678 | Modified Trading Partner Pending Approval | 2333333333339 | 10/24/2004 | Draft    |              |

Transactions – Search Results



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## Appendix A – Administration and User Management

There are various roles that are precluded in the application. For more information, refer to Appendix B – Roles in the *IBM Global Data Synchronization for WebSphere Product Center Installation, Configuration, and Administration Guide*. This appendix also provides the list of accessible features and operations that can be performed by the respective roles.



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## Appendix B – List of Functions

This appendix provides a list of functions available for trade items, trading partners, in the IBM Global Data Synchronization for WebSphere Product Center solution.

### ***For Trade Items***

The list of functions that is available to you for trade items are:

- Create
- Edit
- View
- Delete
- Explore
- Create Variant
- Enrich Global Attributes
- Enrich Variant
- Approve/Reject
- Publish New Item
- Send Initial Load
- Add Item
- Synchronize Changes

### ***For Trading Partners***

The list of functions that is available for trading partner is:

- Create
- View
- Modify
- Delete
- Explore
- Approve/Reject

### ***For Trade Item Links***

The list of functions that is available for trade item links are:

- Create
- Edit

- View
- Delete
- Explore
- Approve/Reject
- Add Item Link

### ***For Subscriptions and Filters***

The various functions available for subscriptions and filter are:

- Add Subscription
- Approve Subscription
- Delete subscription
- View Subscription Details
- Add Filter
- Modify Filter
- View Filter
- Delete Filter

### ***For Transactions***

The list of functions that is available for transactions are:

- Publish Transactions
- View Generated Xml
- Item Transactions
- Hierarchy Transactions
- Trading Partner Transactions

### ***For Notifications***

The list of functions that is available for transactions are:

- Publications
- Initial Load
- Item Add
- Item Link Add
- New Item Request
- Item Change Request
- New Item Hierarchy Request

- Item Hierarchy Change Request
- New Trading Partner Request
- Trading Partner Change Request





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## Appendix C - Error and Confirmation Messages

This appendix provides a list for all errors potentially encountered when sending Global Data Synchronization Messages.

### Topics

- Error and Confirmation Messages Generated by IBM Global Data Synchronization for WebSphere Product Center
- Error and Confirmation Messages Generated by UCCnet data pool services

### ***Error and Confirmation Messages Generated by IBM Global Data Synchronization for WebSphere Product Center***

This section lists the error and confirmation messages generated by IBM Global Data Synchronization for WebSphere Product Center solution. Errors can include missing fields required by the application, incorrect values, and so on.

| Error Message   | Description   |
|---|---|
| This notification is no longer valid.                         | This message is generated when the solution looks for the particular notification that is not present in the system.  |
| Notification is not found for the given parameters            | This message is generated when the solution does not find the notification for the given parameters (for example, if the notification is already deleted due to some reason). |
| Error processing this page. Please try again.                 | This message is generated when the user clicks on any action and the system is not able to execute the same.  |
| Another Trading Partner exists with same GLN.                 | This message is generated when the GLN trying to create which already exists in the system.   |
| Invalid GLN.  | This message is generated when the GLN checksum fails.  |
| Invalid Target Market.  | This message is generated for an invalid country code.  |
| Another Trade Item exists with same Global Trade Item Number. | This message is generated when the new GTIN that is being created matches a GTIN that already exists in the solution.   |
| Invalid Product Type.   | This message is generated when the Product Type specified is not valid.   |
| Invalid Classification.                                       | This message is generated when the classification specified is not valid.   |

| Error Message  | Description  |
|--|--|
| Invalid Category.{0}   | This message is generated for an invalid category entry.   |
| Global Trade Item Number is invalid.   | This message is generated if the GTIN checksum is invalid.   |
| Invalid unit of measure for the specified value.                                     | This message is generated if the units are not specified for the UOM.  |
| This is a Required field if the Base Unit Indicator is true.                         | Some fields are mandatory if the base unit indicator value in the global local catalog is true. This message is generated when those fields have not been filled in.   |
| This is a Required field if the Ordering Indicator is true.                          | Some fields are mandatory if the ordering unit indicator value in the global local catalog is true. This message is generated when those fields have not been filled in.   |
| The Owning Organization has invalid Global Location Number.                          | This message is generated if the given GLN is invalid. For example, it should at least be 13 characters.   |
| Global Location Number is invalid.   | This message is generated if the entered GLN value is incorrect.   |
| It is recommended that you populate this attribute if "Product Type" is PL (Pallet). | This message is generated when the product type is pallet and there is no value specified for this field.  |
| Do not populate if Product Type is PL (Pallet).                                      | <p>This message is generated when the product type is pallet and one or all of the following fields have been populated.</p> <ul style="list-style-type: none"> <li>• Num of Items per Pallet</li> <li>• Non GTIN Pallet Height</li> <li>• Non GTIN Pallet Gross Weight</li> </ul> |
| This is required when Product Group ID Maintenance Agency attribute is populated.    | This message is generated when the Product Group ID Maintenance Agency attribute is populated and no value is specified for Product Group ID field.  |
| This is required when Alternate Item Number is populated.                            | This message is generated when the Alternate Item Number attribute is populated and no value is specified for Alternate Item Identification Maintenance Agency field.  |
| This is required when Alternate Item Identification Maintenance Agency is populated. | This message is generated when the Alternate Item Identification Maintenance Agency attribute is populated and no value is specified for Alternate Item Number field.  |

| Error Message   | Description   |
|---|---|
| The Unit of Measure for depth, height, width and diameter must be consistent for each Trade Item.                             | This message is generated when the unit of measure for depth, height, width, and diameter is not consistent.  |
| The Unit of Measure for gross weight, packaging weight, net weight and drained weight must be consistent for each Trade Item. | This message is generated when the unit of measure for gross weight, packaging weight, net weight, and drained weight is not consistent.                              |
| The Unit of Measure for Peg Horizontal and Peg Vertical should be consistent for each Trade Item.                             | This message is generated when the unit of measure for Peg Horizontal and Peg Vertical is not consistent.   |
| This is required if Tax Rate attribute is populated.  | This message is generated when the Tax Rate attribute is populated and no value is specified for Tax Type field.  |
| This is required if Tax Type attribute is populated.  | This message is generated when the Tax Type attribute is populated and no value is specified for Tax Rate field.  |
| The Unit of Measure for must be consistent with order quantity for each trade item.   | This message is generated when the unit of measure is not consistent with the order quantity for each trade item.   |
| This is required if Associated Item is populated.   | This message is generated when the Associated Item attribute is populated and no value is specified for Associated Qualifier field.                                   |
| This is required if Associated Qualifier is populated.  | This message is generated when the Associated Qualifier attribute is populated and no value is specified for Associated Item field.                                   |
| This is required if Approval/Certification attribute is populated.  | This message is generated when the Approval/Certification attribute is populated and no value is specified for Approval/Certification Maintenance Organization field. |
| This is required if Approval/Certification Maintenance Organization attribute is populated.                                   | This message is generated when the Approval/Certification Maintenance Organization attribute is populated and no value is specified for Approval/Certification field. |
| This is required if Hazard mat class Code attribute is populated.   | This message is generated when the Hazard mat class Code attribute is populated and no value is specified for Hazard Code field.                                      |

| Error Message  | Description   |
|--|---|
| This is required if Hazard Code attribute is populated.                          | This message is generated when the Hazard Code attribute is populated and no value is specified for Hazard mat class Code field.                      |
| This is required if Product Size Code Maintenance Agency attribute is populated. | This message is generated when the Product Size Code Maintenance Agency attribute is populated and no value is specified for Product Size Code field. |
| This is required if Product Size Code attribute is populated.                    | This message is generated when the Product Size Code attribute is populated and no value is specified for Product Size Code Maintenance Agency field. |
| This is required if Material Code Agency attribute is populated.                 | This message is generated when the Material Code Agency attribute is populated and no value is specified for Packaging Material Code field.           |
| This is required if the Packaging Material Code attribute is populated.          | This message is generated when the Packaging Material Code attribute is populated and no value is specified for Material Code Agency field.           |
| This is required if List Price is populated.                                     | This message is generated when the List Price attribute is populated and no value is specified for List Price Basis Per Unit field.                   |
| This is required if Color Code Maintenance Agency attribute is populated.        | This message is generated when the Color Code Maintenance Agency attribute is populated and no value is specified for Color field.                    |
| This is required when the Color attribute is populated.                          | This message is generated when the Color attribute is populated and no value is specified for Color Code Maintenance Agency field.                    |
| This is a mandatory field.   | This message is generated if there is no value specified for a mandatory field.   |
| Invalid Packaging Type.  | This message is generated if the packaging type specified is invalid.   |
| EAN UCC Code and Type is Required if the Product Type is Case or Each.           | This message is generated if the EAN UCC Code and Type is not specified when the product type is case or each.  |
| Action not allowed for Trade Item  | This message is generated when the user does not have access to perform certain actions for the trade item.   |

| Error Message  | Description   |
|--|---|
| Trade Item {0} does not exist or user does not have enough privileges. | This message is generated when the user tries to access a trade item and it either does not exist in the system or does not have access to that trade item.                               |
| This is required if the Product Strength attribute is populated.       | This message is generated when the Product Strength attribute is populated and no value is specified for Product Strength Basis field.  |
| This is required if the Product Strength Basis attribute is populated. | This message is generated when the Product Strength Basis attribute is populated and no value is specified for Product Strength field.  |
| This is required if the Product is Base or Concentrate.                | This message is generated when product is base or concentrate and no value is specified for Ready to Use Volume.  |
| This is required if the Fat Content attribute is populated.            | This message is generated when Fat Content attribute is populated and no value is specified for Fat Content Basis UOM.  |
| EAN UCC Code is invalid for the specified EAN UCC Type                 | This message is generated when the user has specified an invalid EAN UCC Code for the EAN UCC Type.   |
| This is required if EAN UCC Type is populated.                         | This message is generated when the EAN UCC Type is specified and no value is specified for EAN UCC Code.  |
| This is required if EAN UCC Code is populated.                         | This message is generated when the EAN UCC Code is specified and no value is specified for EAN UCC Type.  |
| Start and End availability dates does not match                        | This message is generated when the start and end dates that is specified do not match.  |
| First and Last ship dates does not match                               | This message is generated when the first and last ship dates that are specified do not match.   |
| First and Last arrival dates does not match                            | This message is generated when the first and last arrival dates that are specified do not match.  |
| This is required if Recommended Sales Price is populated               | This message is generated when Recommended Sales Price is populated and no value is specified for Recommended Sales Price Basis per Unit and Recommended Sales Price Currency attributes. |
| This is required if Recommended Sales Price Currency is populated      | This message is generated when Recommended Sales Price Currency is populated and no value is specified for  |

| Error Message   | Description   |
|---|---|
|   | Recommended Sales Price.  |
| This is required if Trade Item is Orderable   | This message is generated when the user specifies that the trade item is orderable and no value is specified for Ordering Sizing Factor attribute.          |
| This is required if any retailer distributor specific attributes are populated  | This message is generated if any retailer distributor specific attributes are populated and no value is specified for Retailer/Distributor GLN attribute.   |
| This is required if the Retailer Distributor Item Description attribute is populated  | This message is generated when Retailer Distributor Item Description attribute is populated and no value is specified for Retailer/Distributor Item Number. |
| This is required if the Retailer Distributor Property attribute is populated  | This message is generated when Retailer Distributor Property attribute is populated and no value is specified for Retailer/Distributor Property Value.      |
| This is required if Maximum Order Quantity, Minimum Order Quantity, Minimum Ship Quantity or Maximum Ship Quantity is populated.  | This message is generated when any of the attributes mentioned have been populated and no value is specified for Order Quantity Multiple UOM.               |
| This is required if any of the following attribute is populated. <ul style="list-style-type: none"> <li>• Hazard Code</li> <li>• Hazardous Type Classification System</li> <li>• Dangerous Goods A Margin Number</li> <li>• Dangerous Group Packing Group</li> <li>• Dangerous Goods Shipping Name</li> <li>• Dangerous Goods Technical Name</li> </ul> | All the attributes that are mentioned need to be specified. Even if one attribute is not specified then this message is generated.                          |
| Please enter a valid value.   | This message is generated when the user enters an invalid value.  |

### **Error and Confirmation Messages Generated by UCCnet data pool services**

This section lists the error and confirmation messages generated by UCCnet data pool services. For more information, refer the document *Global Data Synchronization Error Messages* document for UCCnet data pool services, **UCCnet(DTD) Error Messages.pdf**



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