



IBM Global Data Synchronization for WebSphere Product Center  
Version 1.1.1.1

## User Guide – Demand Side



Note: Before using this information and the product it supports, read the information in "Notices" on 143.

18 April, 2005

This edition of this document applies to IBM Global Data Synchronization for WebSphere Product Center, version 1.1.1.1, and to all subsequent releases and modifications until otherwise indicated in new editions.

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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**

<b>Term/Acronym</b>	<b>Description</b>
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.

Term/Acronym	Description
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**

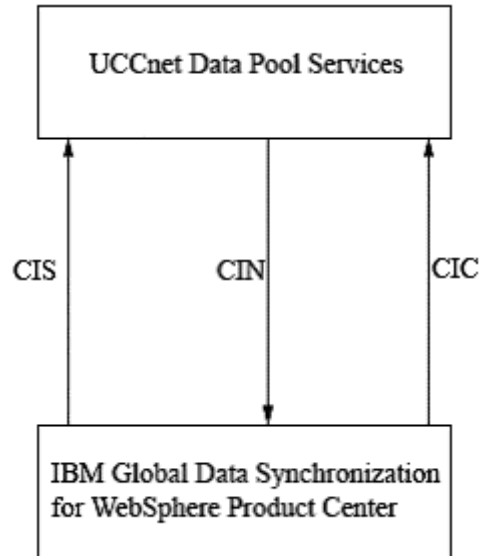
The IBM Global Data Synchronization for WebSphere Product Center enables the demand side trading partner (retailer) to perform key business functions. These include:

- 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) message to the UCCnet data pool services requesting for information about an item.
2. After receiving a CIS 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.

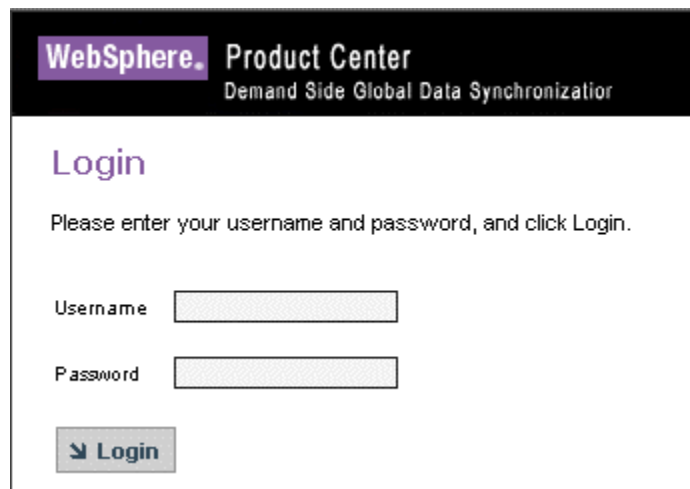
Topics include:

- [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.



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

### Login

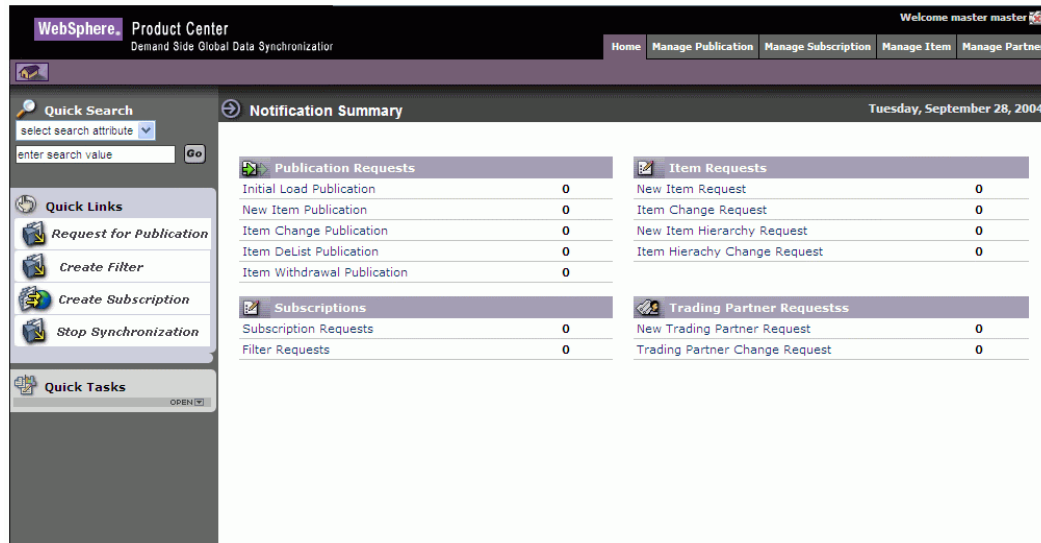
Please enter your username and password, and click Login.

Username

Password

*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

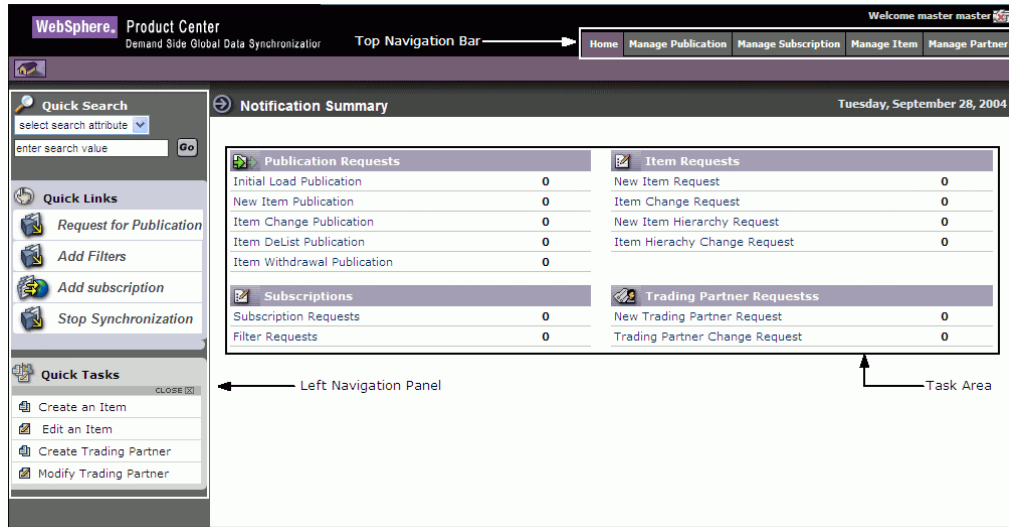
Each segment provides you with several methods that allow you to access various pages and views.

**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

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.

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

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner

Monday, October 25, 2004

**Notification Summary**

**Publication Requests**

Initial Load Publication	7
New Item Publication	1
Item Change Publication	0
Item DeList Publication	0
Item Withdrawal Publication	0
Stop Synchronization	0

**Item Requests**

New Item Request	13
Query Item Request	0
Item Change Request	2
Item Hierarchy Request	4

**Subscriptions**

Subscription Request	15
Query Subscription Request	0
Filter Request	15

**Trading Partner Requests**

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.

**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 Synchro

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.

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:   

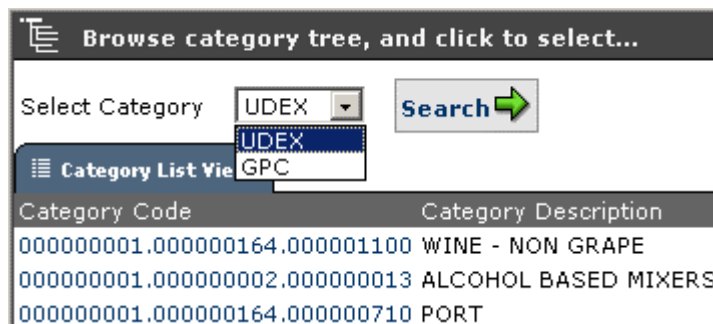
Category:   

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. When you click on the **Lookup**  icon the following screen is displayed



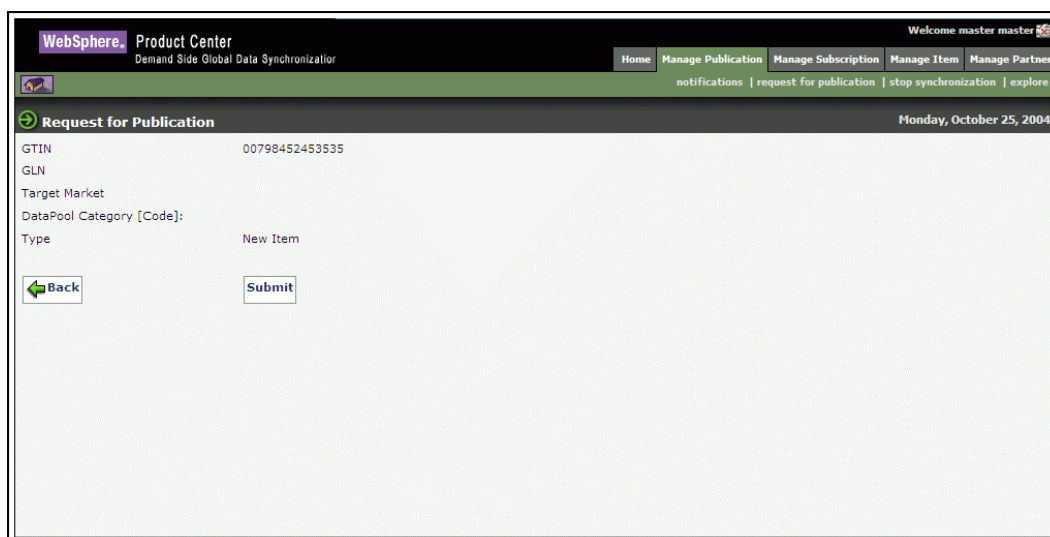
If the organization (information provider) is GS1 enabled, the user has an option to choose between GPC classification and UDEX classification; else only UDEX classification will be displayed.

By default the UDEX classification view is displayed. If you want to view the GPC classification view, select GPC and click on **Search**.

- 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.



*Request for Publication – GTIN details*

- 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:

- Click on the **Manage Publication** tab in the *Home* Page. 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*

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

*Stop Synchronization*

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

Find Items

GTIN:

Information Provider [GLN]:

Target Market:

Search

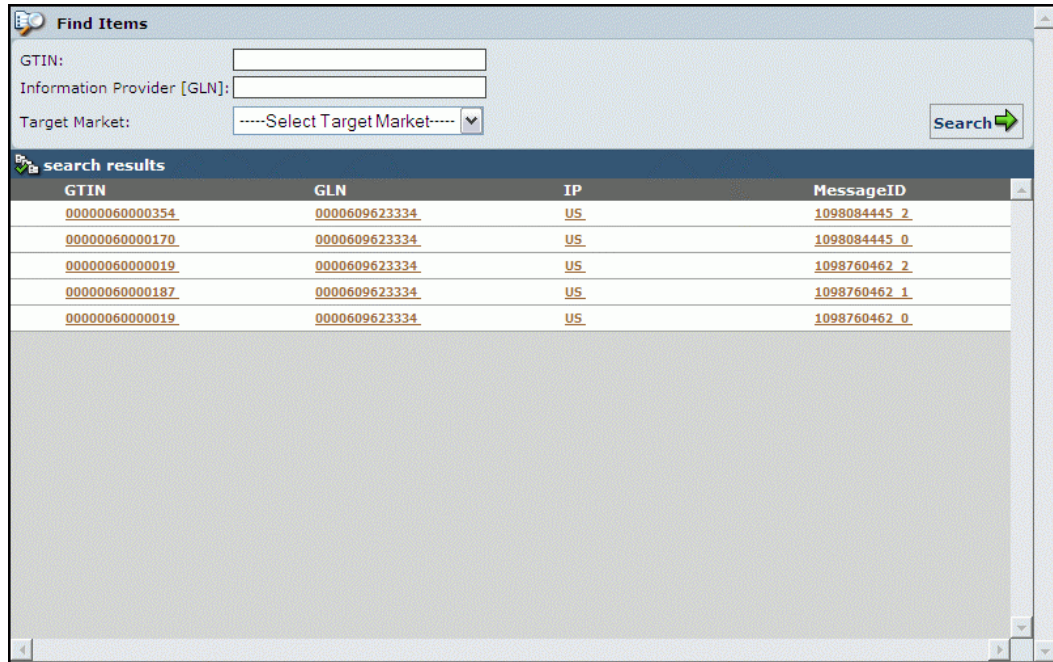
search results

no search results...

*Stop Synchronization - Search*

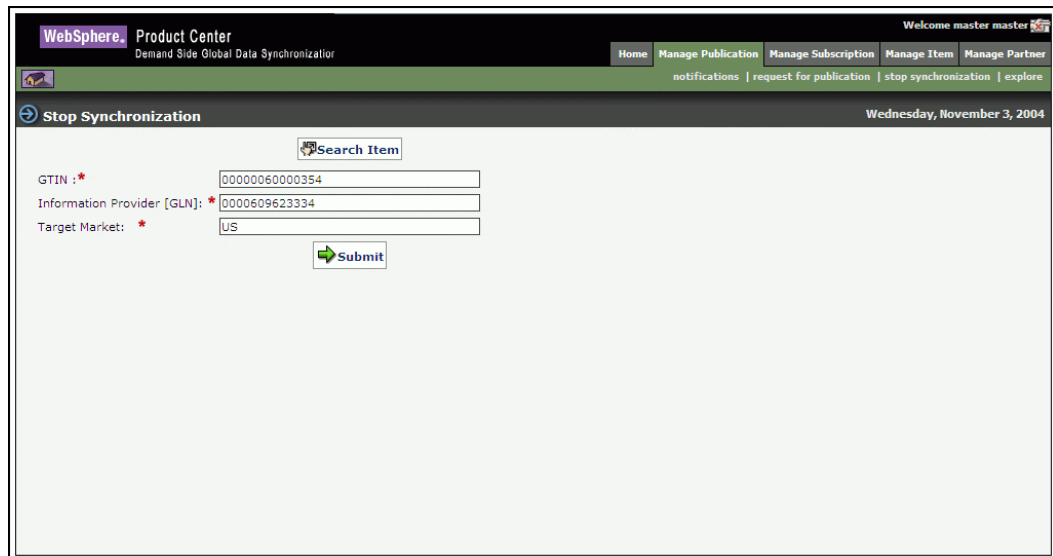
4. In the Search page:
  - a. In the GTIN field, type the global trade item number of the item for which you want to stop synchronization
  - b. In the GLN field, type the GLN that you want to stop synchronizing items with.
  - c. Select the Target Market of the GLN that you want to stop synchronizing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





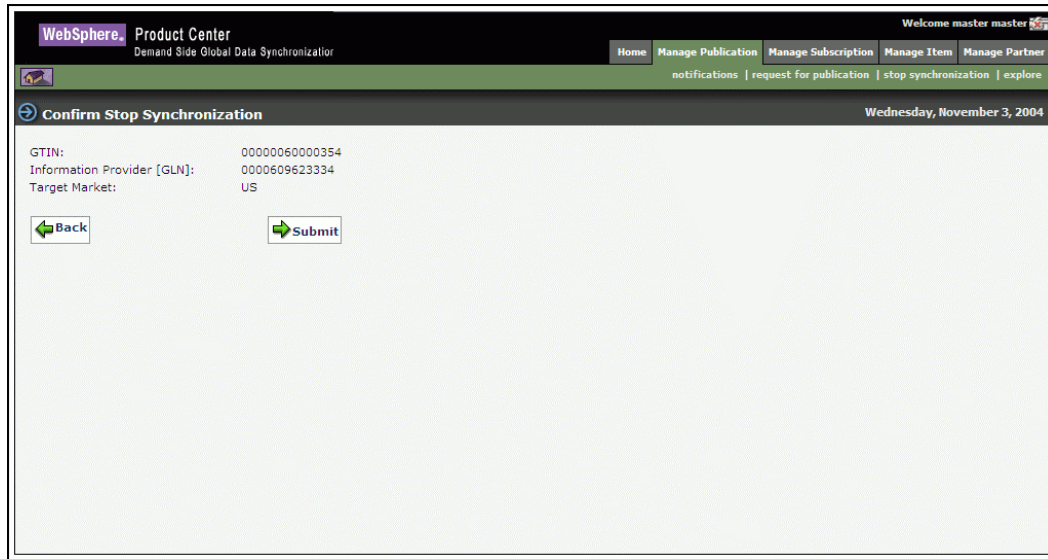
*Stop Synchronization – Search Results*

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



*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**

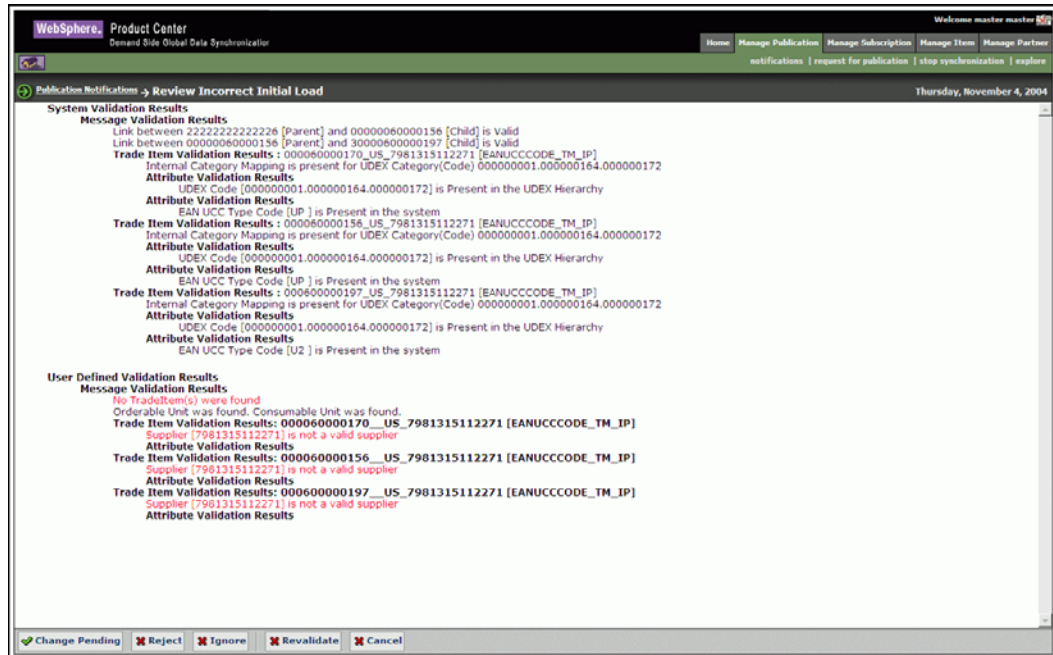
### **Initial Load Publication**

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 Initial Load**

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 Synchronizer

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

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

Friday, October 29, 2004

**Notification Message**

**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) [v]  
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]: 1000058 Internal Category [Description]: CHAMPAGNE [ ] edit  
DataPool Category [Code]: 00000001.00000164.0000 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 (change image)*

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 is a navigation bar with tabs for Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. Below this is a notification message titled "Task:Initial Load Enrichment pending for the Item" dated Sun Oct 31 04:49:04 EST 2004. The main area contains a form with fields for EAN.UCC Code, Global Trade Item Number, Language, EAN.UCC Code Type, Product Type, and GTIN Name. The Item Status is set to Synchronized. Below the form, there are tabs for Global Attributes, Item Links, and Variant Attributes. The Variant Attributes section shows 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.

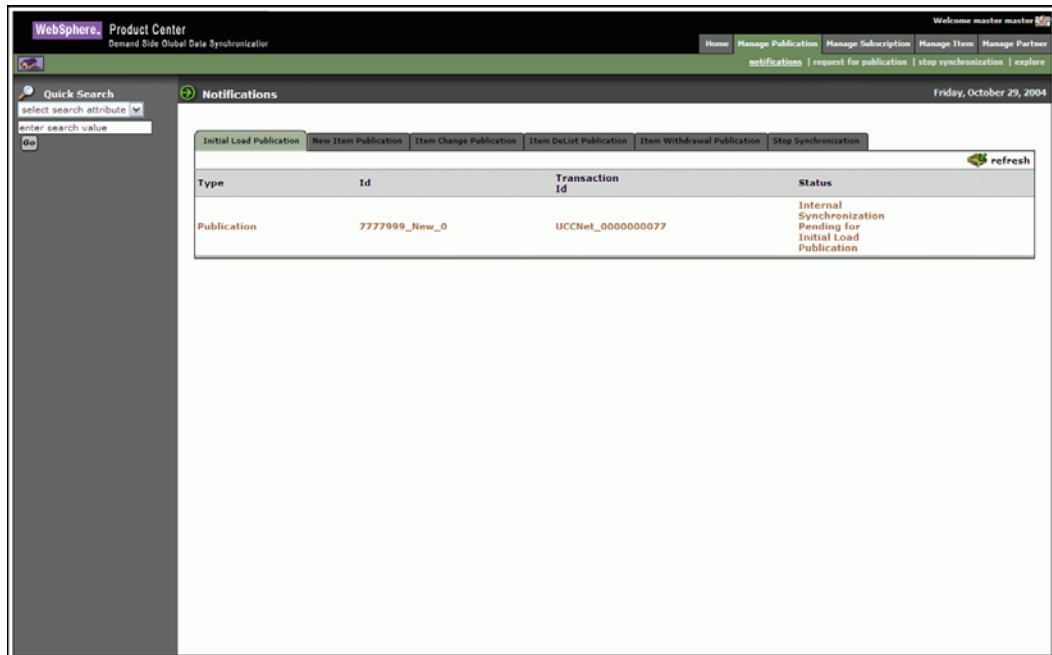
### Variant Attributes

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

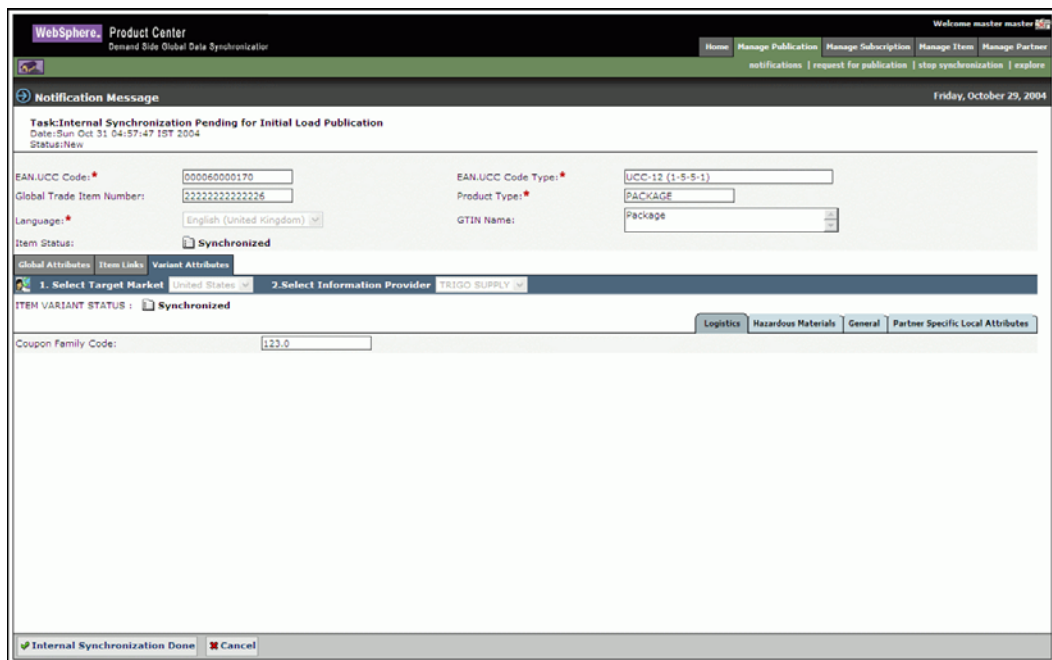
To synchronize an Initial Load Publication:

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*

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



*Initial Load Publication – Internal Synchronization*

3. 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

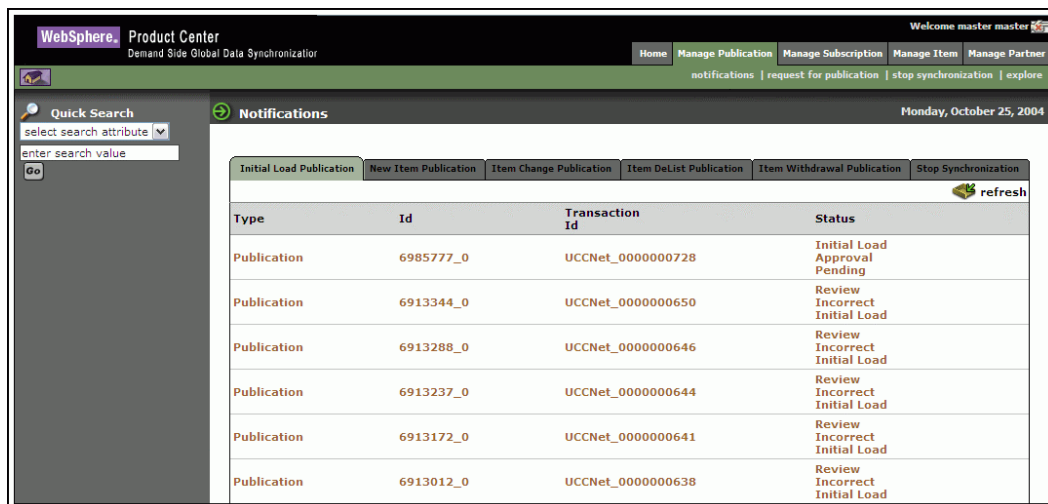
When a new item is published by the supplier, a notification “New Item Published” is displayed under the new item publication tab. The item has to go through the following steps.

- 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.

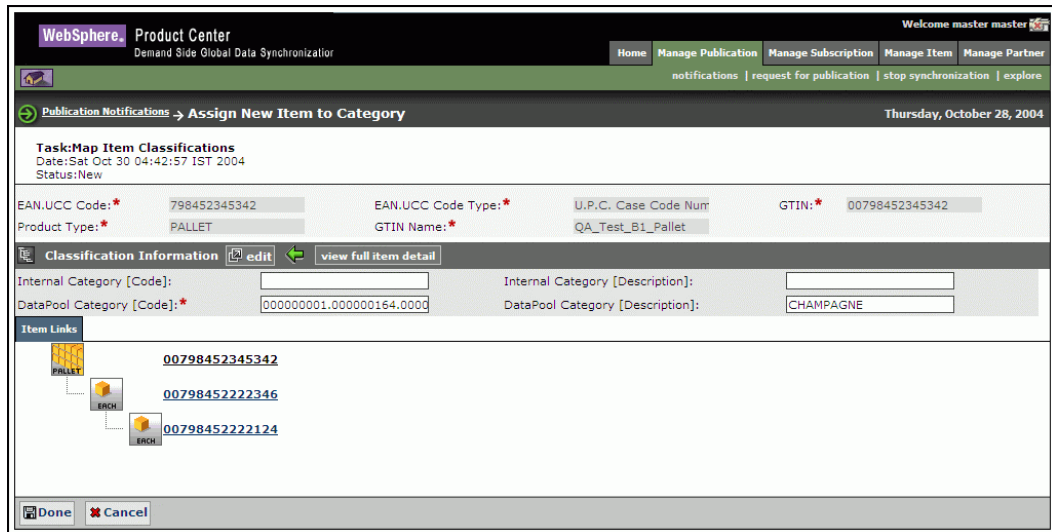


Type	Id	Transaction Id	Status
Publication	6985777_0	UCCNet_0000000728	Initial Load Approval Pending
Publication	6913344_0	UCCNet_0000000650	Review Incorrect Initial Load
Publication	6913288_0	UCCNet_0000000646	Review Incorrect Initial Load
Publication	6913237_0	UCCNet_0000000644	Review Incorrect Initial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

### *Manage Publications*

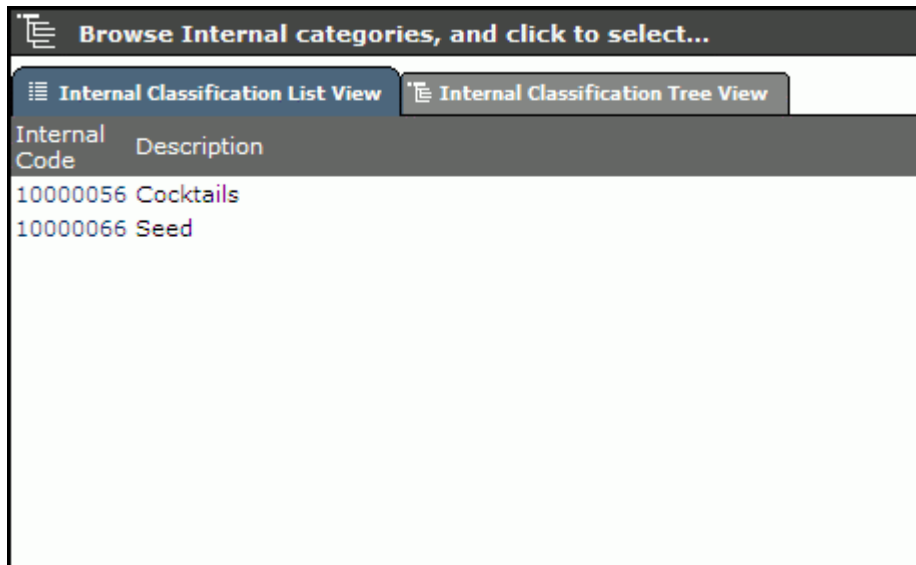
2. In the *Item change publication* tab view, click on a notification that has “New Item Publication” status. The details of the notification are displayed.





*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.



*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 Synchronizator

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  
00798452222346  
00798452222124

Done Cancel

*Map Item Classification- Category Selected*

5. 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

1. 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 Synchronizator

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 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:

Approve Reject Ignore Cancel

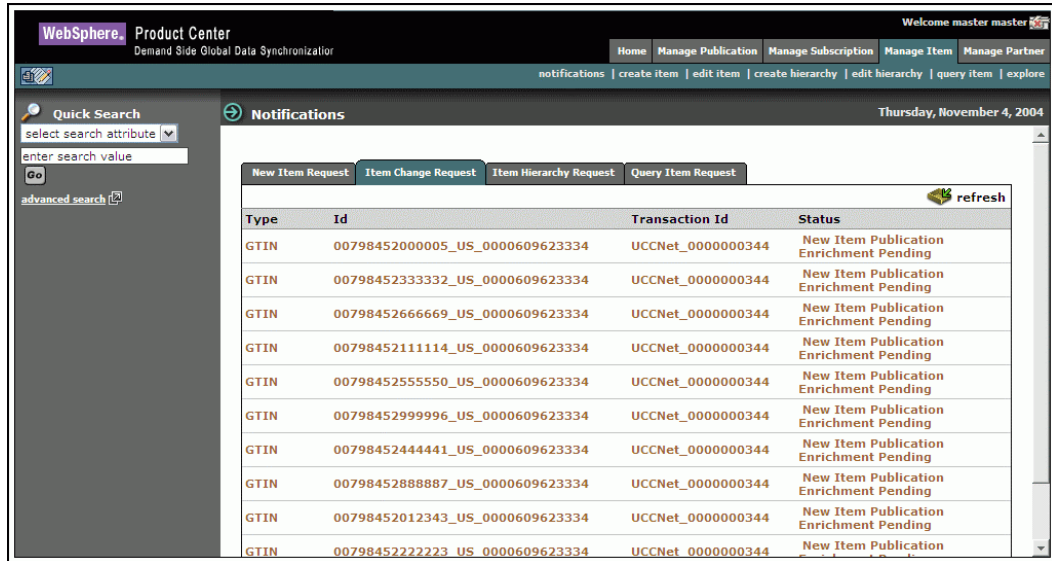
*Approve New Item Publication*

2. 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.

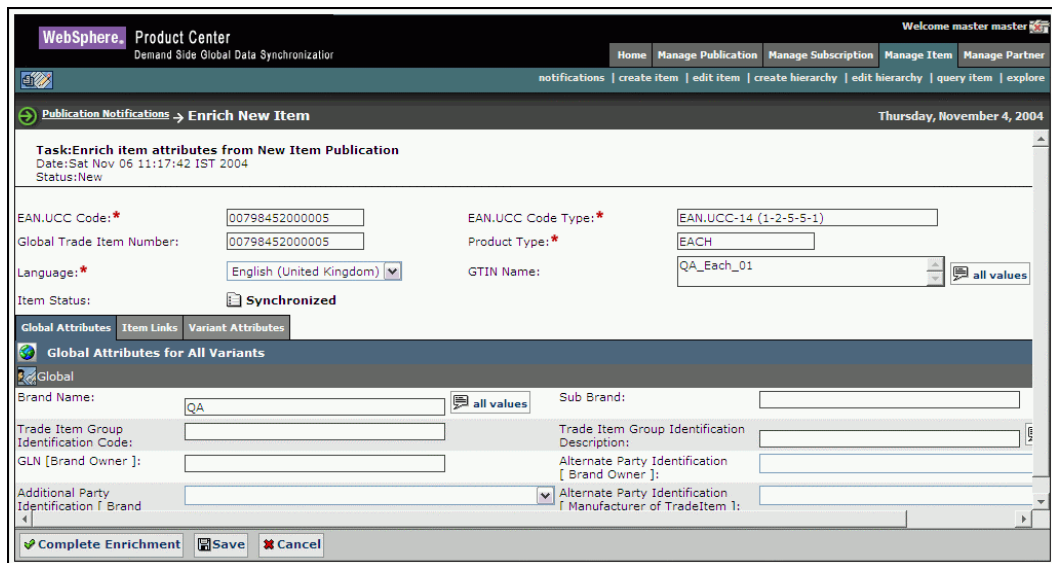


The screenshot shows the 'Notifications' page in the WebSphere Product Center. The page has a navigation bar with 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below the navigation bar, there are links for 'notifications', 'create item', 'edit item', 'create hierarchy', 'edit hierarchy', 'query item', and 'explore'. The date is 'Thursday, November 4, 2004'. On the left, there is a 'Quick Search' section with a dropdown for 'select search attribute', an input field for 'enter search value', and a 'Go' button. Below the search section is an 'advanced search' link. The main content area is titled 'Notifications' and contains a tabbed interface with four tabs: 'New Item Request', 'Item Change Request', 'Item Hierarchy Request', and 'Query Item Request'. The 'Item Change Request' tab is selected. Below the tabs is a table with columns: 'Type', 'Id', 'Transaction Id', and 'Status'. The table contains 10 rows of data, all with 'Status' as 'New Item Publication Enrichment Pending'. A 'refresh' button is located to the right of the table.

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

### *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 page has a navigation bar with 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below the navigation bar, there are links for 'notifications', 'create item', 'edit item', 'create hierarchy', 'edit hierarchy', 'query item', and 'explore'. The date is 'Thursday, November 4, 2004'. The page title is 'Publication Notifications -> Enrich New Item'. Below the title, there is a task description: 'Task: Enrich item attributes from New Item Publication', 'Date: Sat Nov 06 11:17:42 IST 2004', and 'Status: New'. The form contains several fields: '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)), and 'GTIN Name:' (QA\_Each\_01). Below these fields is a 'Synchronized' button. The form has three tabs: 'Global Attributes', 'Item Links', and 'Variant Attributes'. The 'Global Attributes' tab is selected. Below the tabs is a section titled 'Global Attributes for All Variants'. This section contains several fields: 'Brand Name:' (QA), 'Sub Brand:', 'Trade Item Group Identification Code:', 'Trade Item Group Identification Description:', 'GLN [Brand Owner ]:', 'Alternate Party Identification [ Brand Owner ]:', 'Additional Party Identification [ Brand ]', and 'Alternate Party Identification [ Manufacturer of TradeItem 1: ]'. At the bottom of the form are three buttons: 'Complete Enrichment', 'Save', and '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 Synchronizator

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 Synchronizator

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*

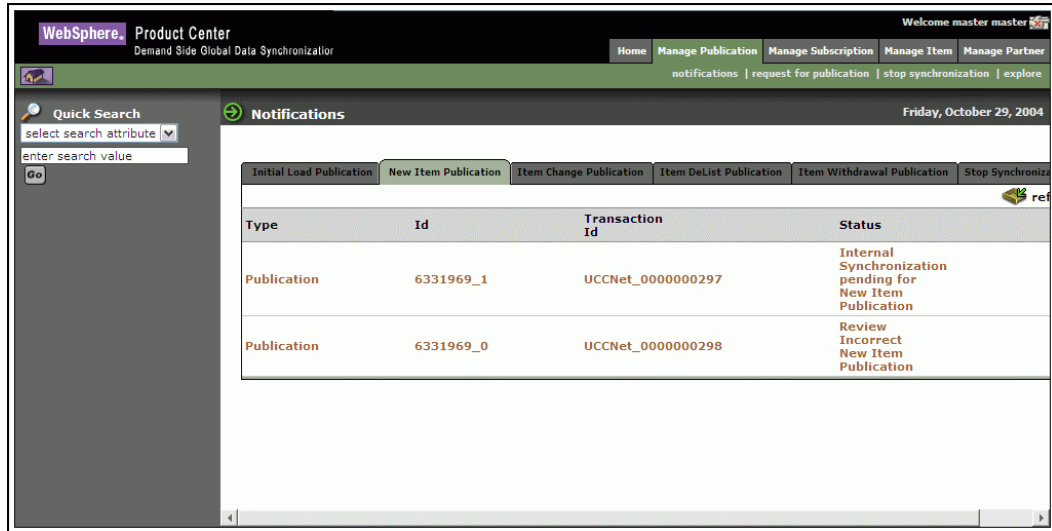
- To complete the enrichment for the item, click **Complete Enrichment**. When all the users to whom an enrichment notification is sent, complete the enrichment process, a notification “New Item synchronization pending” is sent to the appropriate user(s).
- If you have not completed the enrichment and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

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

### Synchronizing an New Item Publication

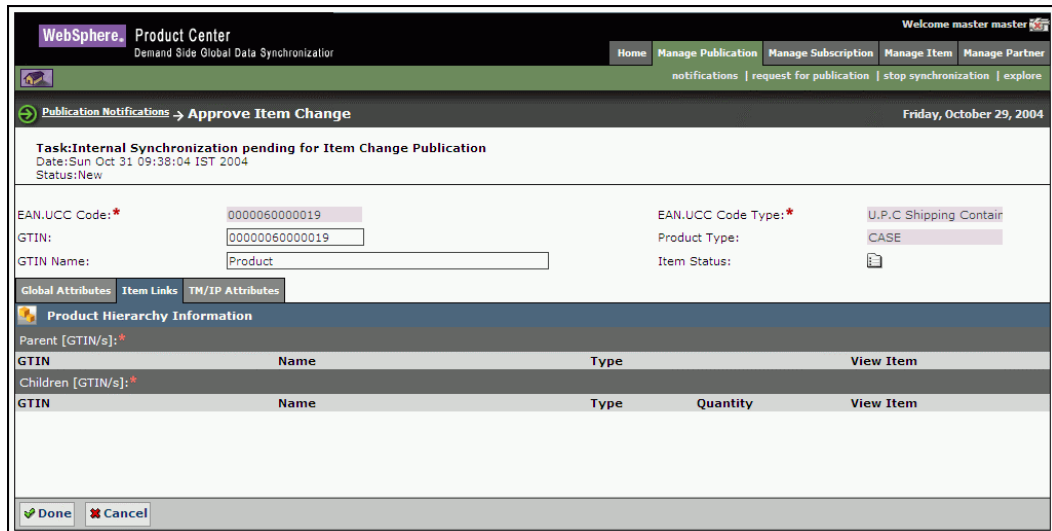
To synchronize a New Item Publication:

- 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*

- 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:

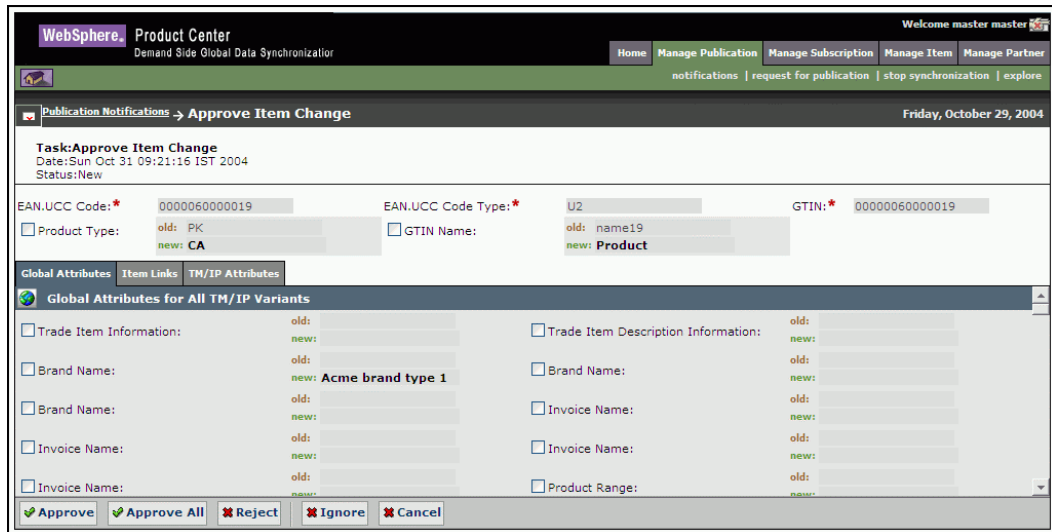
1. Click on the **Notifications** link under **Manage Publication** tab. Then click on the **Item change Publication** tab. The *Item change Publication* tab view is displayed.

The screenshot shows the WebSphere Product Center interface. The main content area is titled 'Notifications' and contains a tabbed interface. The 'Item Change Publication' tab is active, showing 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.

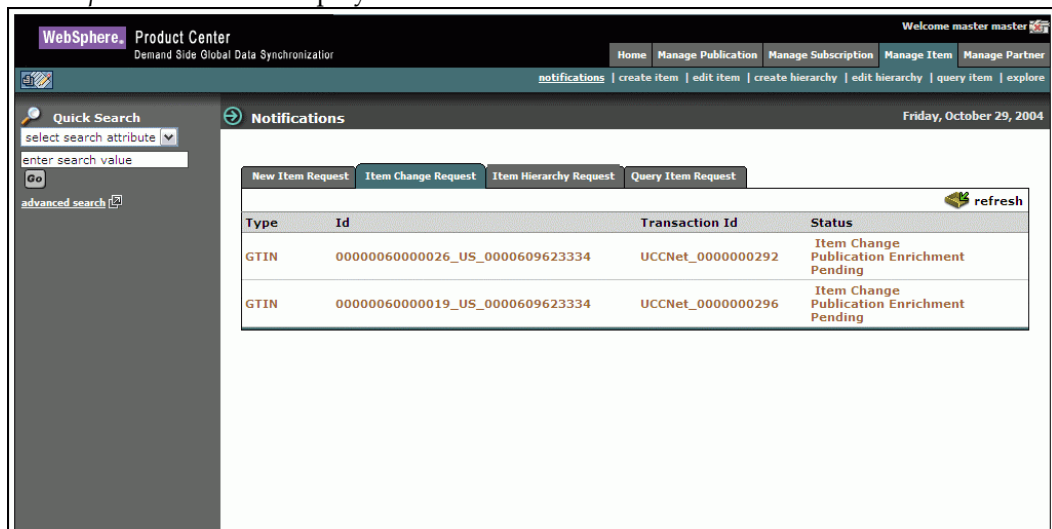


### Approve Item Change

3. 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.
4. Click **Reject all** if you want to reject all the attributes.

To enrich a changed Item:

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 “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: \* 0000060000026 EAN.UCC Code Type: \* U.P.C Shipping Cont  
GTIN: 0000060000026 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*

3. 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: \* 0000060000026 EAN.UCC Code Type: \* U.P.C Shipping Contair  
GTIN: 0000060000026 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	View Item

Save Complete Enrichment Cancel

*Item change Enrichment - Enrich Item Links*

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



*Item Change Publication – Enrich Variant Attributes*

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

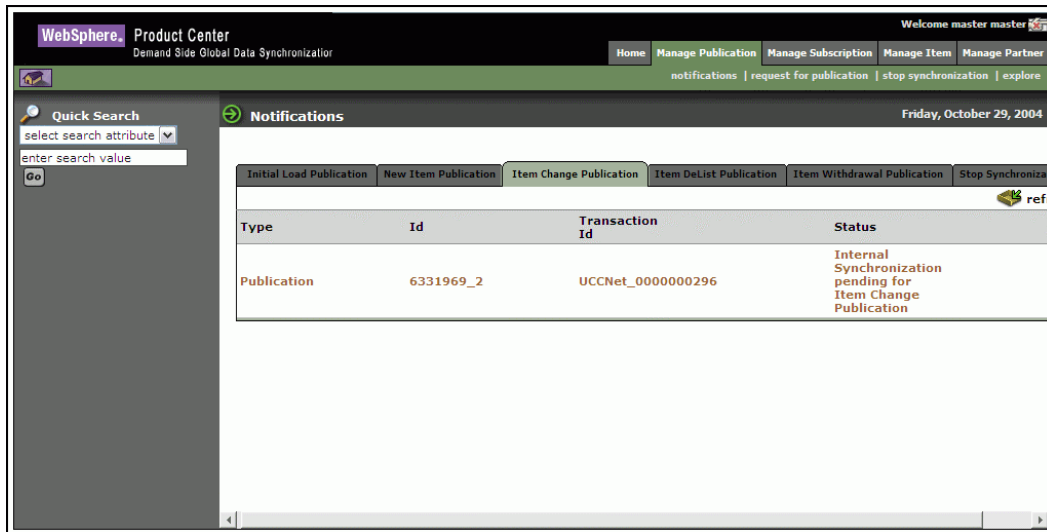
Note: For a detailed description of all the Trade Item attributes refer to UCCnet attribute starter Kit--*Attribute Starter Kit (UCCnet Mandatory XSD Attributes) 012904.pdf*

6. 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**

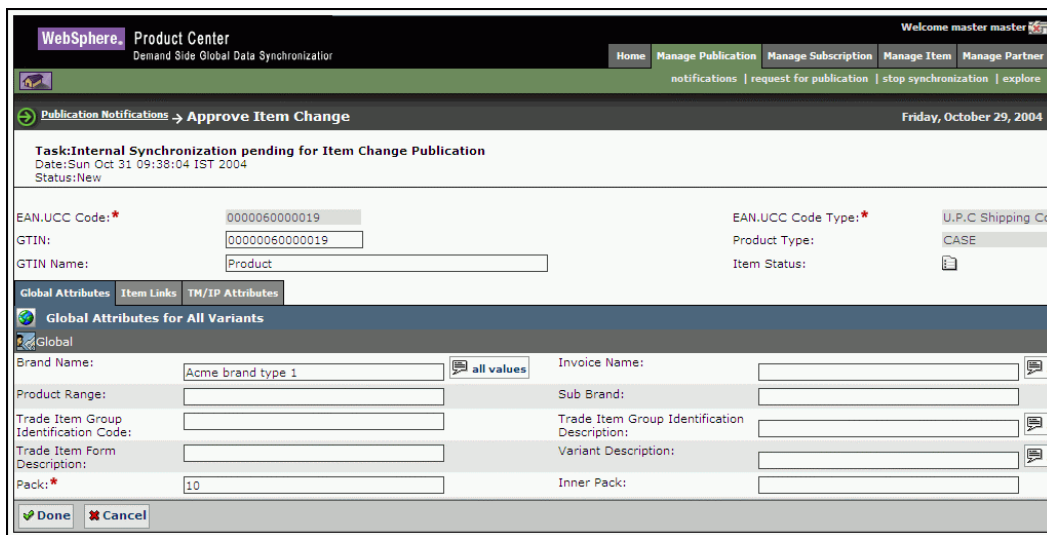
To synchronize an Item Change Publication:

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



*Item Change Publication – Internal Synchronization*

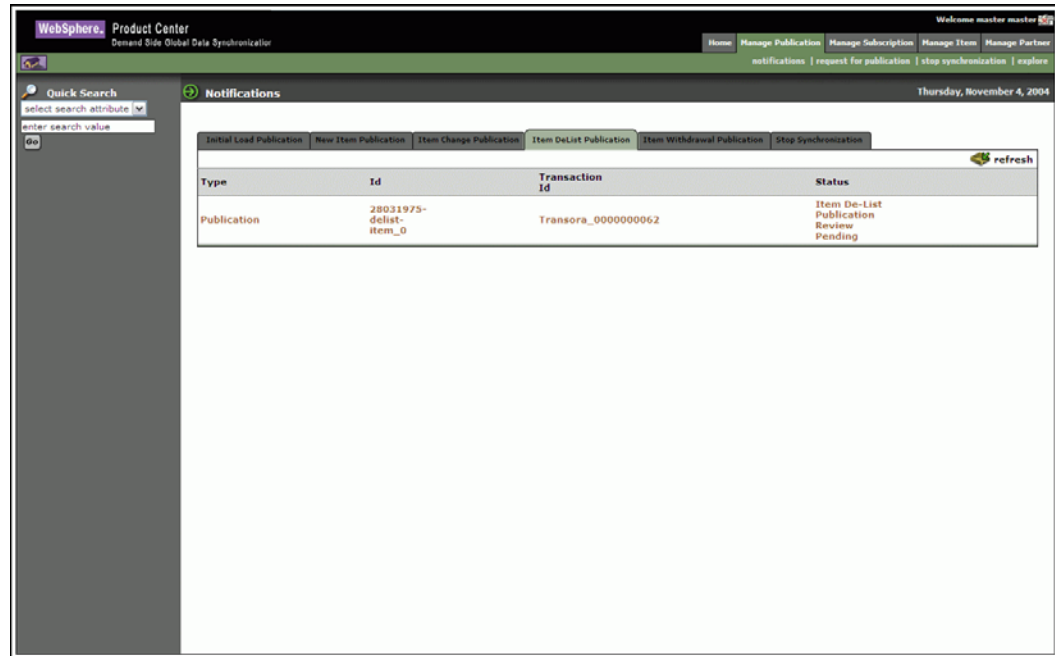
3. You can view the details of item under the **Global Attributes, Item Link, TM/IP (Variant Attributes)** tab.
4. To internally synchronize the item, click **Done**. The item will be internally synchronized. A notification “Internal Synchronization Completed” is sent to the appropriate user(s).

## 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.



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. The main content area is titled "Notifications" and displays a table with the following data:

Type	Id	Transaction Id	Status
Publication	28031975-delist-item_0	Transora_000000062	Item De-List Publication Review Pending

*Manage Items - >Item DeList Publication*

2. Click on the “Item DeList review Publication Pending” notification. The details of the publication 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 > Review Item Delist Thursday, November 4, 2004

Task: Approve Item De-List  
Date: Sat Nov 06 11:05:14 IST 2004  
Status: New

Following item(s) will be delisted  
GTIN=2222222222226 TM=US IP=7981315112271  
GTIN=00000060000156 TM=US IP=7981315112271

EAN.UCC Code: 000060000156  
GTIN: 2222222222226  
GTIN Name:

EAN.UCC Code Type: U.P.C./EAN Case Code  
Product Type: PK  
Item Status:

Global Attributes Item Links TM/IP Attributes

Global Attributes for All Variants

Global

Brand Name:  all values Sub Brand:

Trade Item Group Identification Code:  Trade Item Group Identification Description:  all values

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

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

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

United Nations Dangerous Goods Number:  Is TradeItem A Base Unit: No

Is TradeItem A Consumer Unit: No Pack: 12

Inner Pack:

Classification Information

Internal Category [Code]: 10000056 Internal Category [Description]: Cocktails

DataPool Category [Code]: 00000001.00000002.0003 DataPool Category [Description]: ALCOHOL BASED COCKTAIL

Logistics

Coupon Family Code:

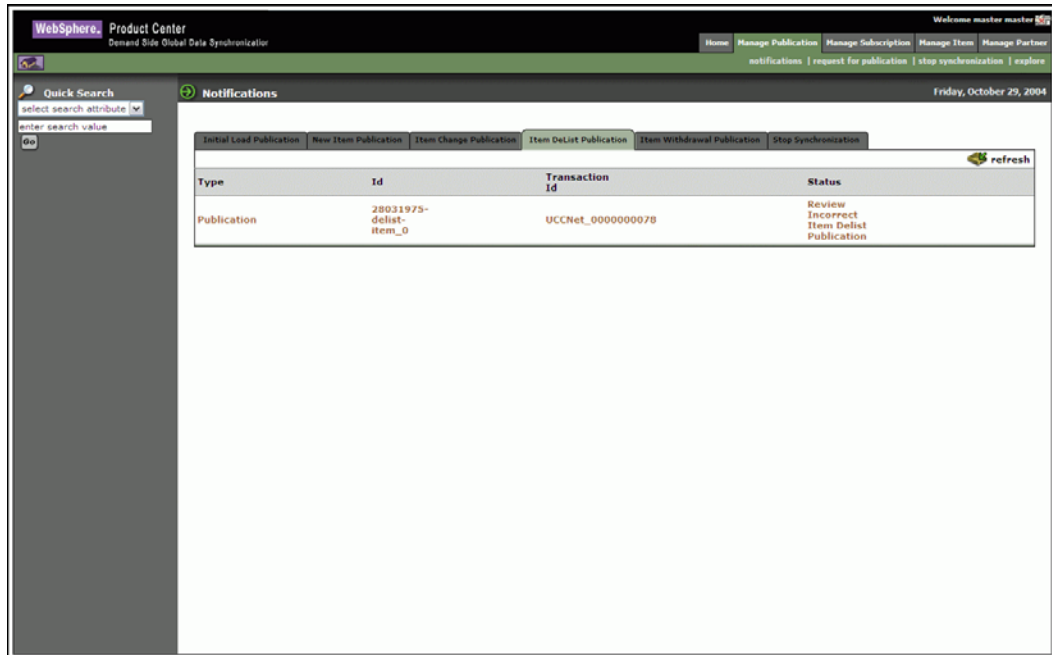
### Approve Item Delist

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

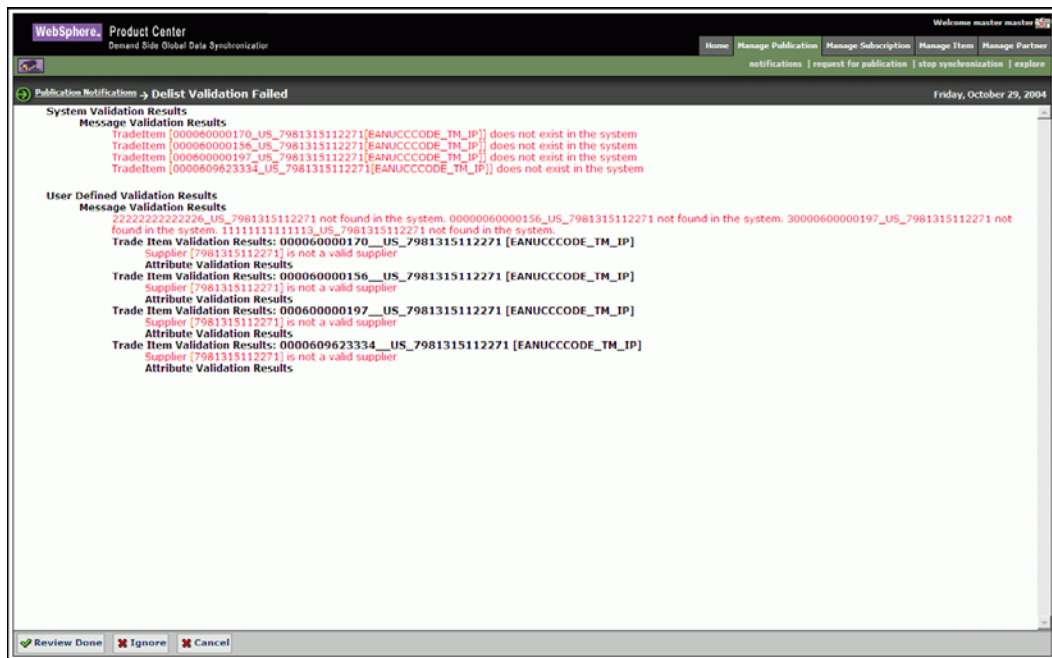
To review a failed delist publication

- 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 “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.

- Click **Ignore** to ignore the delist notification. The notification will be deleted and no message will be sent to UCCnet data pool services.
- 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.

- 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 main content area displays a table of notifications. The table has columns for Type, Id, Transaction Id, and Status. A single notification is listed with the status 'Item Withdraw Publication Review Pending'.

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

*Manage Items - >Item Withdrawal Publication*

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

WebSphere Product Center  
Demand Side Global Data Synchronization

Home Manage Publication Manage Subscription Manage Item Manage Partner  
notifications | request for publication | stop synchronization | explore

Publication Notifications → Review Item Withdraw Thursday, November 4, 2004

**Task: Approve Item Withdrawal**  
Date Sent: Nov 06 11:10:23 EST 2004  
Status: New

Following item(s) will be withdrawn  
GTIN=2222222222226 TM=US IP=7981315112271

EAN.UCC Code: 000050000170  
GTIN: 2222222222226  
GTIN Name:

EAN.UCC Code Type: U.P.C./EAN Case Code  
Product Type: PK  
Item Status: Draft With Variant

Global Attributes Item Links TM/IP Attributes

Global

Brand Name: all values Sub Brand:  
Trade Item Group Identification Code: Trade Item Group Identification Description: all values  
GLN [Brand Owner]: Alternate Party Identification [ Brand Owner ]:  
Additional Party Identification [ Brand Owner ]: Alternate Party Identification [ Manufacturer of Tradetitem ]:  
Additional Party Identification [ Manufacturer of Tradetitem ]: Country Of Origin:  
United Nations Dangerous Goods Number: Is Tradetitem A Base Unit: No  
Is Tradetitem A Consumer Unit: No Pack: 12  
Inner Pack:

Classification Information

Internal Category [Code]: 10000096 Internal Category [Description]: Cocktails edit  
DataPool Category [Code]: 00000001.00000002.0000 DataPool Category [Description]: ALCOHOL BASED COCKTAIL edit

Logistics  
Coupon Family Code:

PMCO

Acknowledge Ignore Cancel

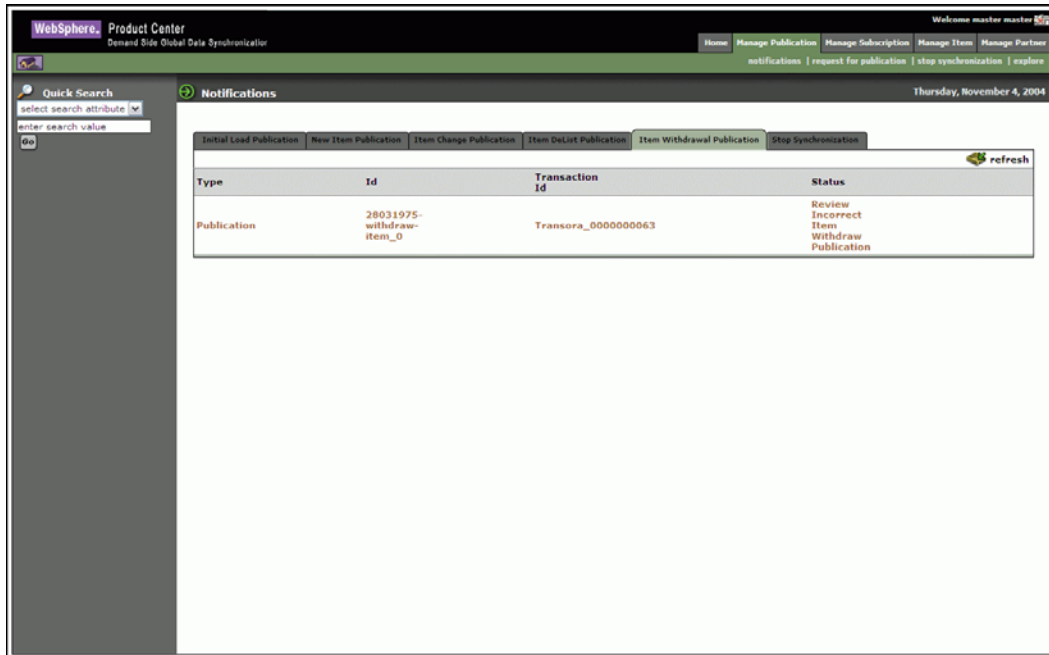
### *Approve Item Withdrawal*

3. 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).

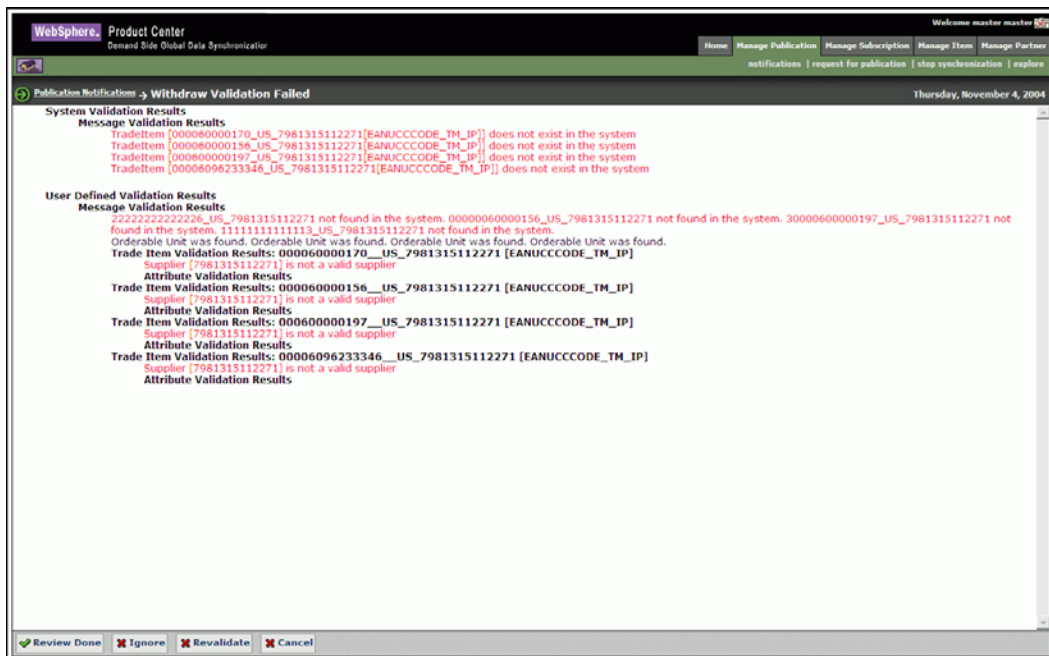
To review a failed withdraw publication:

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.



*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.

---

## Ch 5 Manage Subscriptions

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.

Topics:

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

### **View Notifications**

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

- Subscription 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.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Home Manage Publication Manage Subscription Manage Item Manage Partner

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

Monday, October 25, 2004

Quick Search  
select search attribute  
enter search value  
Go

Notifications

Subscription Request Filter Request Query Subscription Request

Type	Id	Transaction Id	Status	refresh
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 Approved	✖
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 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:

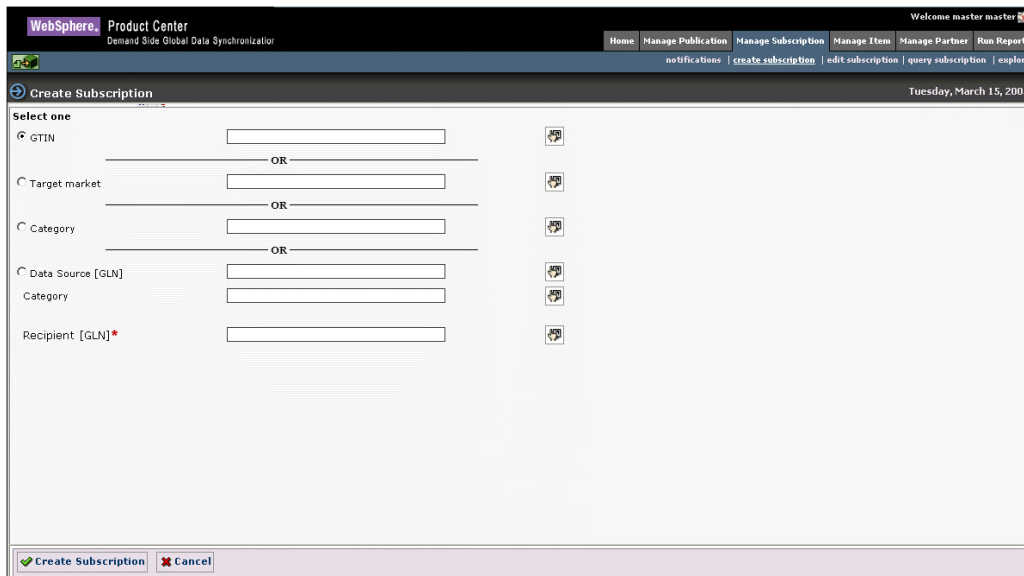
- GTIN – This should be a valid trade item number.
- GLN of Information Provider + Item Category – These should be a list of values that are already in the application.
- Target Market – This should be a valid target market number.
- Category – This should be a valid item category.

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 the there is a duplication of subscription.

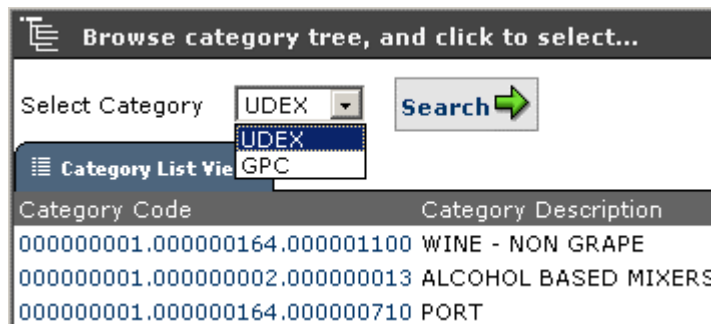
To create a subscription:

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





*Manage Subscriptions –Create Subscription*

2. 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. Select **Target Market**. Using the **Lookup**  icon select a target market. The selected target market is displayed in the text box.
  - c. Select **Category**. Using the **Lookup**  icon, select the category to which the item belongs. When you click on the **Lookup**  icon the following screen is displayed



If the organization (information provider) is GS1 enabled, the user has an option to choose between GPC classification and UDEX classification; else only UDEX classification will be displayed.

By default the UDEX classification view is displayed. If you want to view the GPC classification view, select GPC and click on **Search**.

- d. 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. In the **Recipient's GLN** field, specify the recipient's GLN.
4. 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.

*Edit Subscription – Subscription Details*

5. 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 Synchronizer

Home Manage Publication Manage Subscription Manage Item Manage Partner Run Reports

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

View Subscription Tuesday, March 15, 2005

Select one

GTIN

OR

Target market

OR

Category

OR

Data Source [GLN]

Category

Recipient [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.

WebSphere Product Center  
Demand Side Global Data Synchronizer

Home Manage Publication Manage Subscription Manage Item Manage Partner Run Reports

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

Edit Subscription Tuesday, March 15, 2005

Find Subscription

GTIN:

Data Source [GLN]:

Target Market:

Category:

search results [click item to select] →

### *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

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

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

**Edit Subscription** Tuesday, March 15, 2005

**Find Subscription**

GTIN:  Target Market:

Data Source [GLN]:  Category:

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

ID	GTIN	Target Market	Category	Category Type	DataSource GLN	Recipient's GLN	Status	View
SUB_000000002			00000001.00000002.00000013	UDEX	1323132131237	8594386983467	Submitted To Add	
SUB_000000003	5434454353536					8594386983467	Submitted To Add	
SUB_000000005			00000001.00000002.00000012	UDEX	1323132131237	0000609623334	Submitted To Add	
SUB_000000006	0079845222223					2323223222225	Draft	
SUB_000000007	00798452111114					8594386983467	Draft	
SUB_000000008	7777222211114					2323223222225	Draft	
SUB_000000004		IS				0000609623334	Not Approved	
SUB_000000009	12345678912343					343232322239	Approved	
SUB_000000010	12345678912343					2323223222225	Draft	
SUB_000000011			00000001.00000164.000001100	UDEX	1323132131237	343232322239	Submitted To Add	

*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

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

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

**View Subscription** Wednesday, March 16, 2005

**Select one**

GTIN

OR

Target market

OR

Category

OR

Data Source [GLN]

Category

Recipient [GLN]\*

*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 has a navigation bar with links like 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', 'Manage Partner', and 'Run Reports'. Below the navigation bar, there are links for 'notifications', 'create subscription', 'edit subscription', 'query subscription', and 'explore'. The main content area is titled 'View Subscription' and contains a search form with the following fields:

- Select one** (radio button):
  - GTIN: 7777222211114
  - Target market: [ ]
  - Category: [ ]
  - Data Source [GLN]: [ ]
  - Category: [ ]
  - Recipient [GLN]\*: [rsj]

At the bottom of the form, there are three buttons: 'Approve' (with a green checkmark icon), 'Reject' (with a red X icon), and 'Cancel' (with a red X icon).

#### *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 subscription 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.

WebSphere Product Center  
Demand Side Global Data Synchronizator

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner Run Reports

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

View Subscription Wednesday, March 16, 2005

Select one

GTIN

OR

Target market

OR

Category

OR

Data Source [GLN]

Category

Recipient [GLN]\*

Save Submit For Approval Delete 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 Synchronizator

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

Public  Private

Select one

GTIN

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 Added 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.

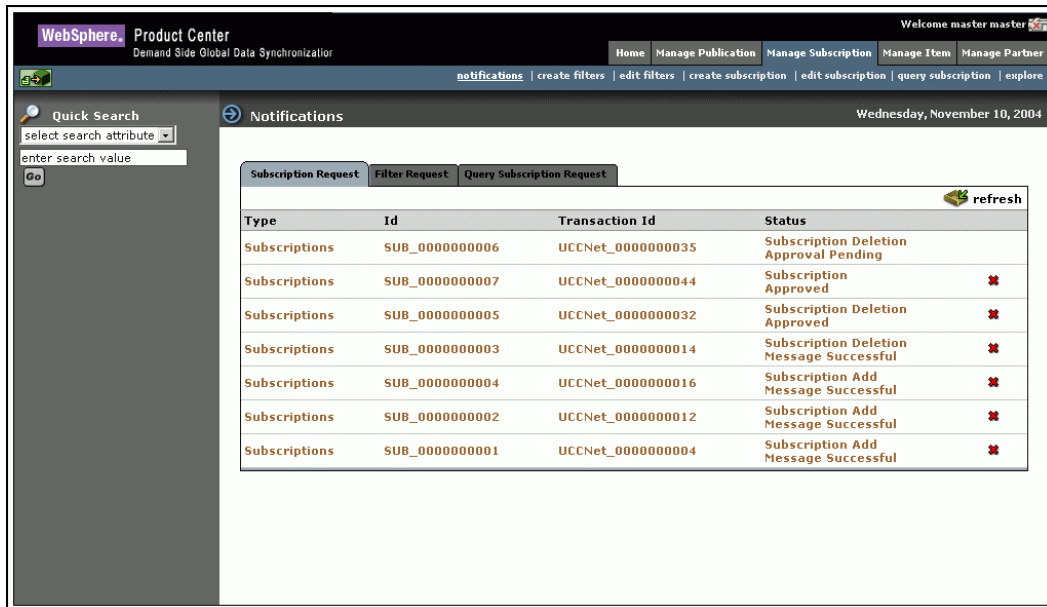
The screenshot displays the 'View Subscription' interface in the WebSphere Product Center. The page title is 'View Subscription' and the date is 'Tuesday, March 15, 2005'. The search criteria are as follows:

Field	Value
GTIN	12345678912343
Target market	
Category	
Data Source [GLN]	
Category	
Recipient [GLN]	raj1

At the bottom of the form, there are four buttons: Save, Submit For Add, Delete and Submit For Approval, and Cancel.

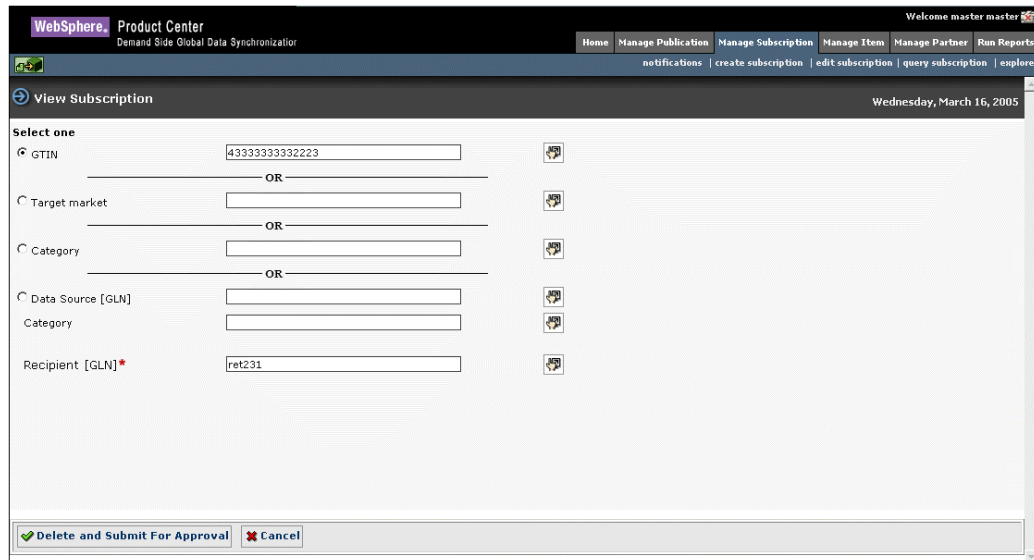
*Subscription Details*

3. 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.



*Subscription Request Notifications*

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



*View Subscription*

- Click **Send Deletion Message**. A deletion message for that particular subscription is sent to UCCnet data pool services.
- 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.
2. To approve the deletion, click **Approve**. A notification “Subscription Deletion Approved” is sent to the appropriate users(s).

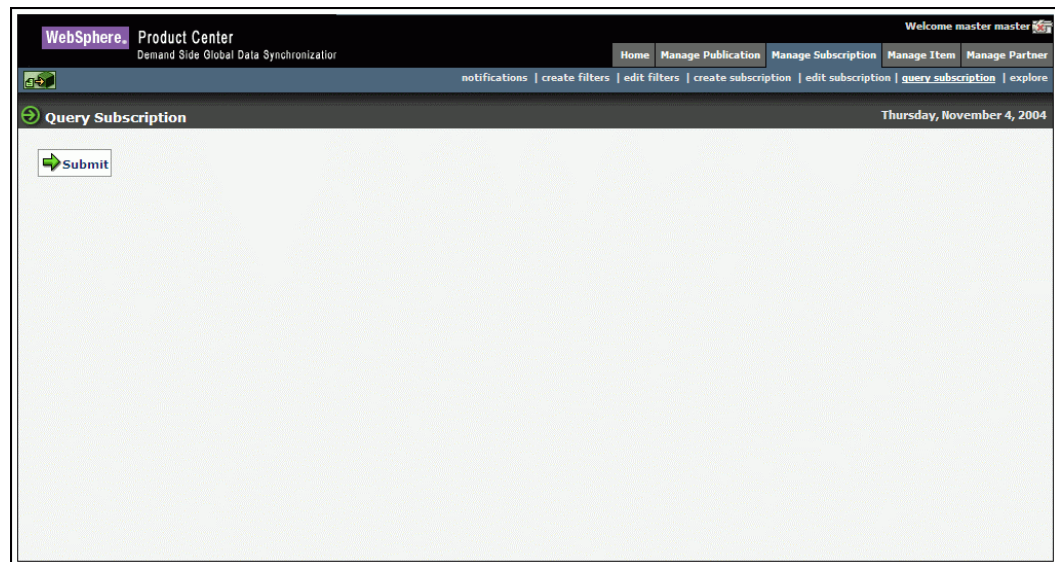
Note: When you delete a subscription, it is locally deleted in the application but will be permanently removed from the system only after the system administrator runs the purge scripts. The subscription will no longer appear in the search results.

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

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

---

## 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	76857635353536_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 - 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**

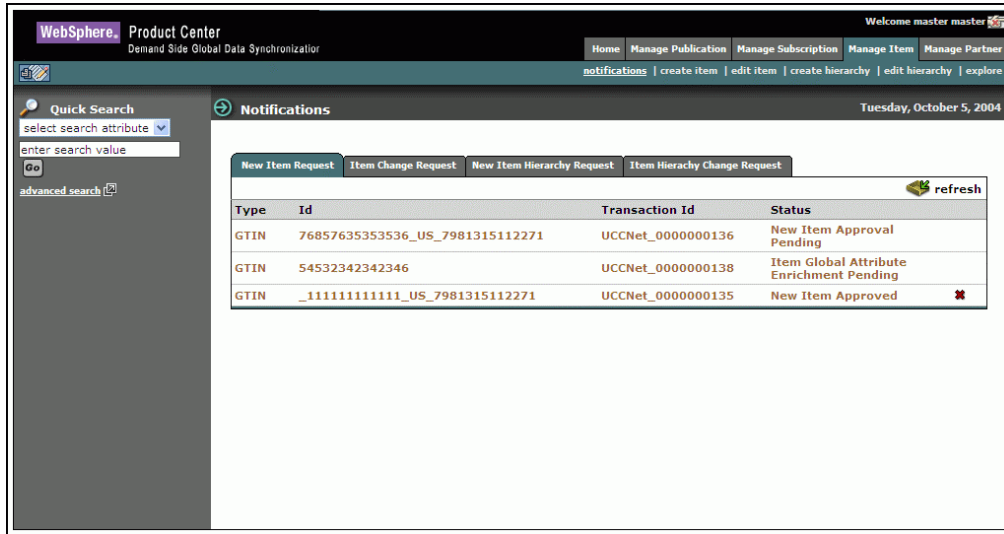
To create an item:

- 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**

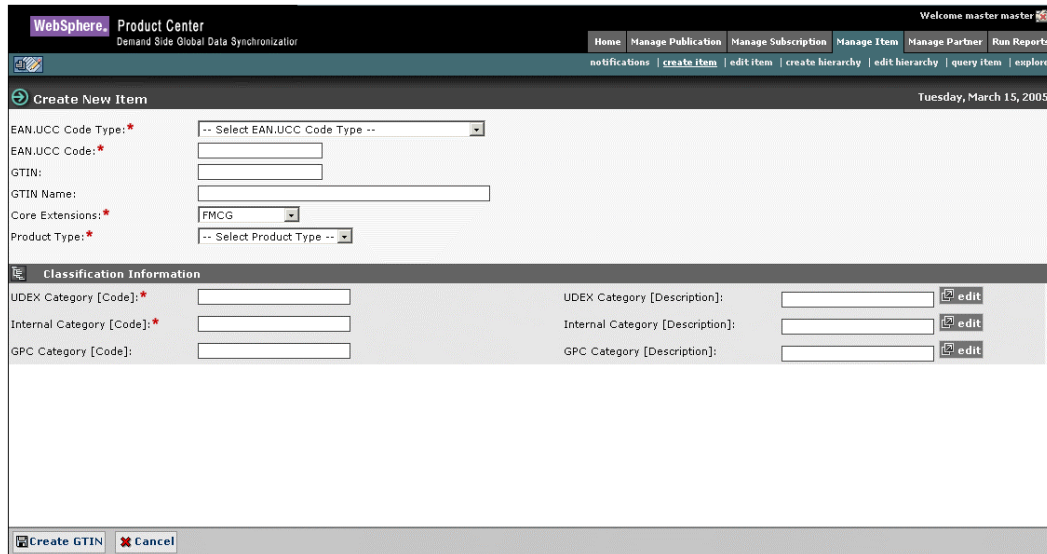
To create the GTIN code:

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.



*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), Office Supply.

8. Under **Classification Information**:

Depending on the classification scheme configured there are three types of classification schemes.

If internal classification scheme is set to internal hierarchy, the user has his own way of classifying the items. The following categories will be displayed while creating an item

- Internal category
- Datapool Category
- GPC

If the internal classification is set to UDEX, the user has opted for UDEX classification and he does not have his own way of classifying the items. The following categories will be displayed while creating an item.

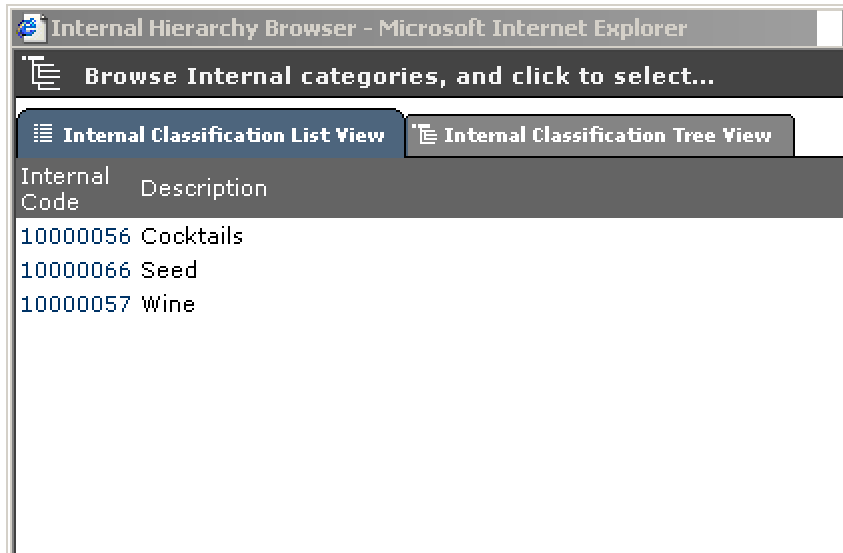
- Internal Category (which will be the UDEX Category)
- GPC

If the internal classification is set to GPC, then the user has opted for GPC classification and he does not have his own way of classifying items. The following categories will be displayed while creating an item.

- Internal category (set to GPC)
- Data Pool category (UDEX category)

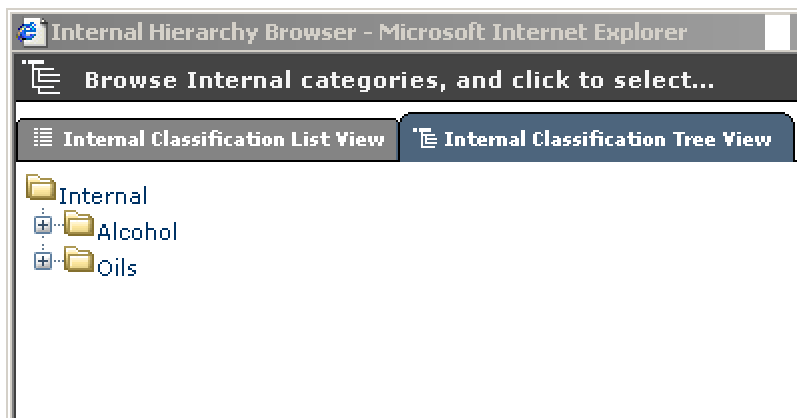
To specify the code:

- 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 **Internal Classification Tree View** tab. The *Internal Classification Tree View* is displayed.



*Internal Classification Tree View*

- d. Specify the code and the description for data pool category. To do this, click **edit**. The *UDEX List View* is displayed.

 Browse UDEX categories, and click to select...

 UDEX List View  UDEX Tree View

UDEX Code	UDEX Description
000000001.000000002.000000012	ALCOHOL BASED COCKTAILS/MIXES
000000001.000000002.000000013	ALCOHOL BASED MIXERS
000000001.000000164.000000172	CHAMPAGNE
000000002.000000104.000001611	OILS - SEED (SHELF STABLE)
000000001.000000164.000000710	PORT
000000001.000000164.000000805	SHERRY
000000001.000000164.000000939	VERMOUTH

*UDEX List View*

- e. 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 **DataPool Category [Code]** and **DataPool Category [Description]** fields.
- f. If the manufacturer is GS1 enabled then a third classification called Global Product Classification (GPC) has to be specified. To specify the GPC code select edit and the GPC list view is displayed

 Browse GPC categories, and click to select...

 GPC List View  GPC Tree View

GPC Code	GPC Description
10000143	Alcohol Making Supplies
10000591	Alcoholic Beverages Variety Packs

*GPC List View*

- g. Click on the GPC code. The *GPC List View* is closed. The GPC code and the description for that category are automatically displayed in the **GPC [Code]** and **GPC Category [Description]** fields. Mandatory if GS1 enabled
9. Click **Create GTIN**. The GTIN is created and the message "Item created successfully." is displayed along with additional fields.

WebSphere Product Center  
Demand Side Global Data Synchronizator

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** Monday, October 25, 2004

Item created successfully.

EAN.UCC Code:\* 1223445678988 EAN.UCC Code Type:\* U.P.C Shipping Container Code (1-2-5-5)

Global Trade Item Number: 1223445678988 ⓘ Product Type:\* DISPLAY/SHIPPER

Language:\* English (United Kingdom) GTIN Name: ⓘ all values

Item Status: Draft

Global Attributes Item Links

Global Attributes for All Variants

Global

Brand Name: ⓘ all values Invoice Name: ⓘ

Product Range: ⓘ Sub Brand: ⓘ

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

Trade Item Form Description: ⓘ Variant Description: ⓘ

Save GTIN Delete GTIN 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. You have to enter values in all the mandatory fields before submitting for 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.

### 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.

The screenshot shows the 'Edit Item' page in the WebSphere Product Center. The page is titled 'Edit Item' and shows the 'Item Links' tab. The 'Item created successfully.' message is displayed. The form contains the following fields:

- EAN.UCC Code: 555555555555
- Global Trade Item Number: 6666666666668
- Language: English (United Kingdom)
- EAN.UCC Code Type: EAN.UCC-13 (7-5-1)
- Product Type: CASE
- GTIN Name: th1
- Item Status: Draft

The 'Product Hierarchy Information' section is visible, showing a table for Parent GTINs and a table for Children GTINs. The Parent GTIN table has columns for GTIN, Name, Type, and View Item. The Children GTIN table has columns for GTIN, Name, Type, Quantity, and View Item.

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

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

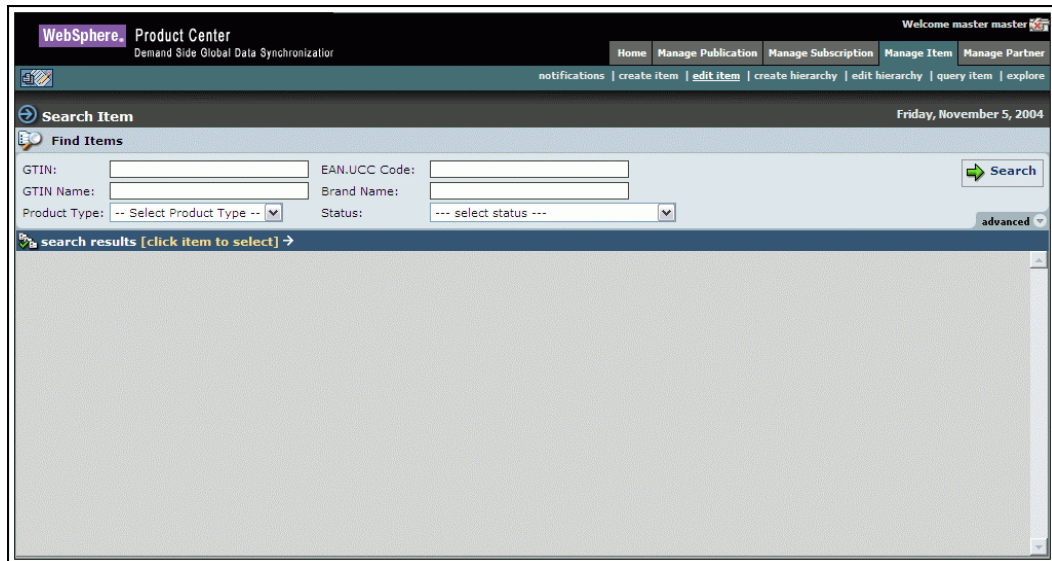
4. Click **Save GTIN**. The links are saved.

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.

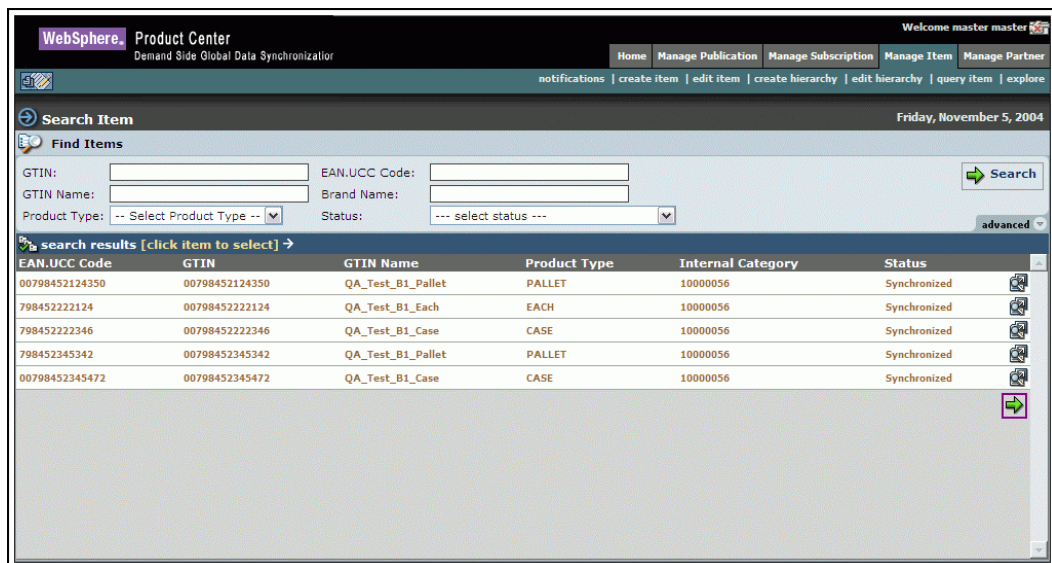
## **Create Variant**

To create a Variant:

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



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



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

WebSphere Product Center  
Demand Side Global Data Synchronizator

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: 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 TradeItem]:  
 Additional Party Identification [Manufacturer of

Save GTIN Delete GTIN Submit for Variant Creation

*Submit For Variant Creation*

4. 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. However if the option for global enrichment is turned off then the trade item can be directly submitted for variant creation.

5. 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 Synchronizator

Home Manage Publication Manage Subscription Manage Item Manage Partner

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

**Notifications** Friday, November 5, 2004

Quick Search  
select search attribute  
enter search value  
advanced search

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

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	2221111999998	UCCNet_0000000104	Item Global Attribute Enrichment Completed
GTIN	2221111888889	UCCNet_0000000096	Item Global Attribute Enrichment Pending
GTIN	2221111777774	UCCNet_0000000087	Item Global Attribute Enrichment Completed
GTIN	3423421111119	UCCNet_0000000083	Item Global Attribute Enrichment Pending

refresh

*Item Variant Creation Notification*



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: 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**

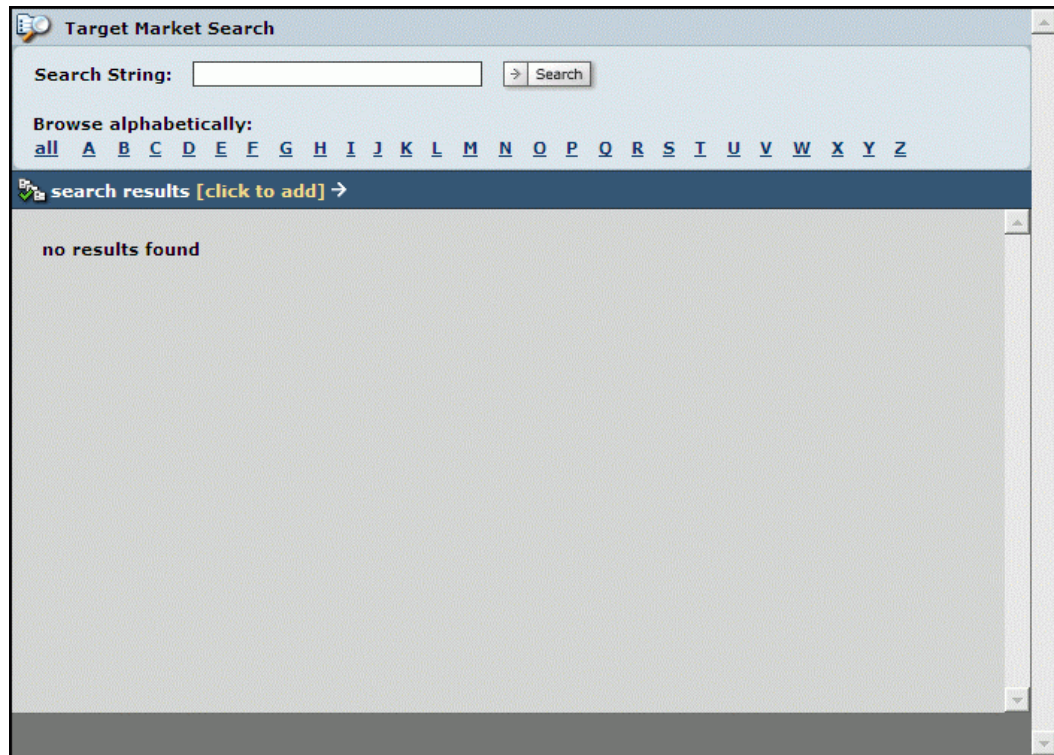
**Target Market:**  [Look Up](#)

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

[Next](#)

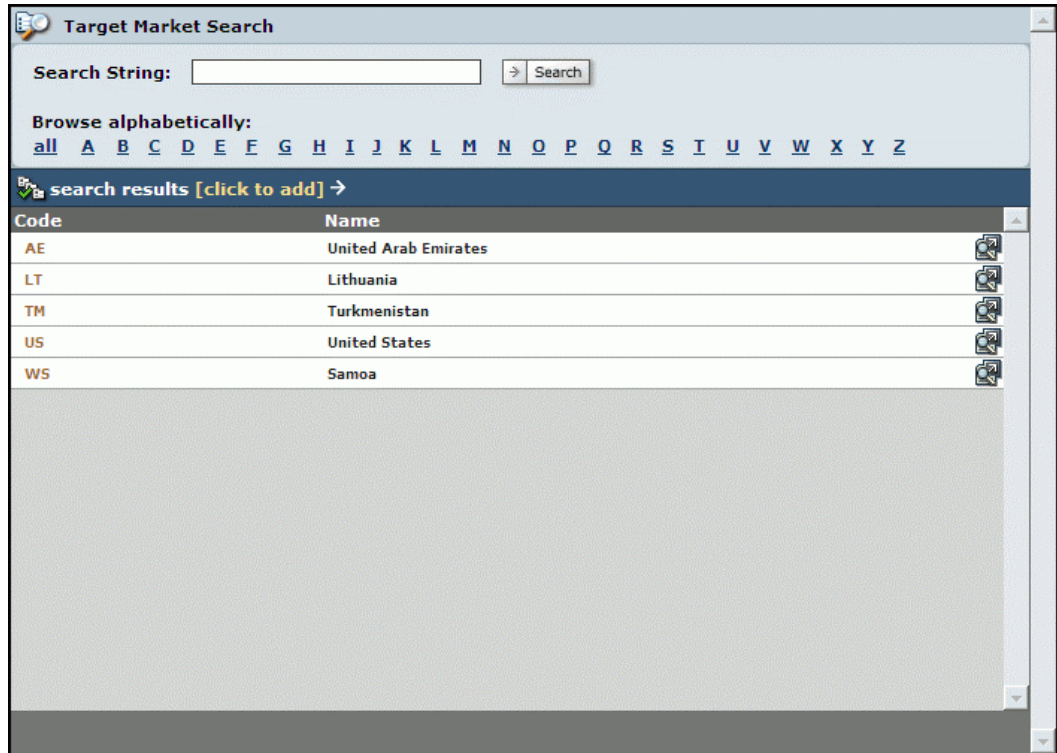
*Add Variant*

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




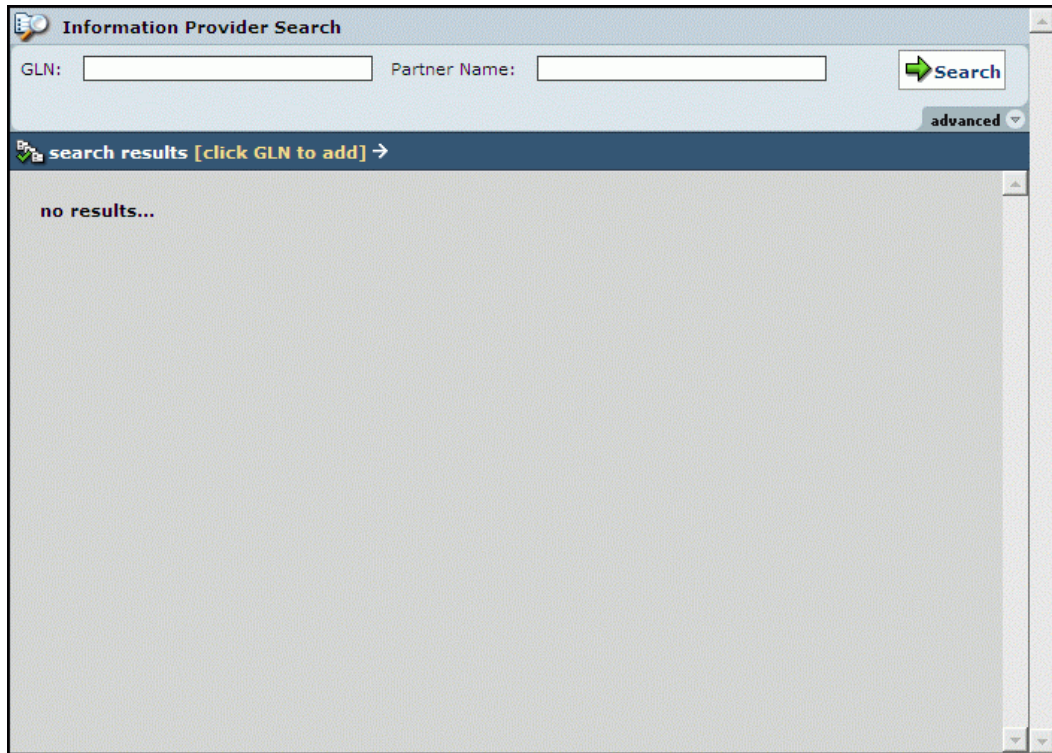
*Target Market Search*

- 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.

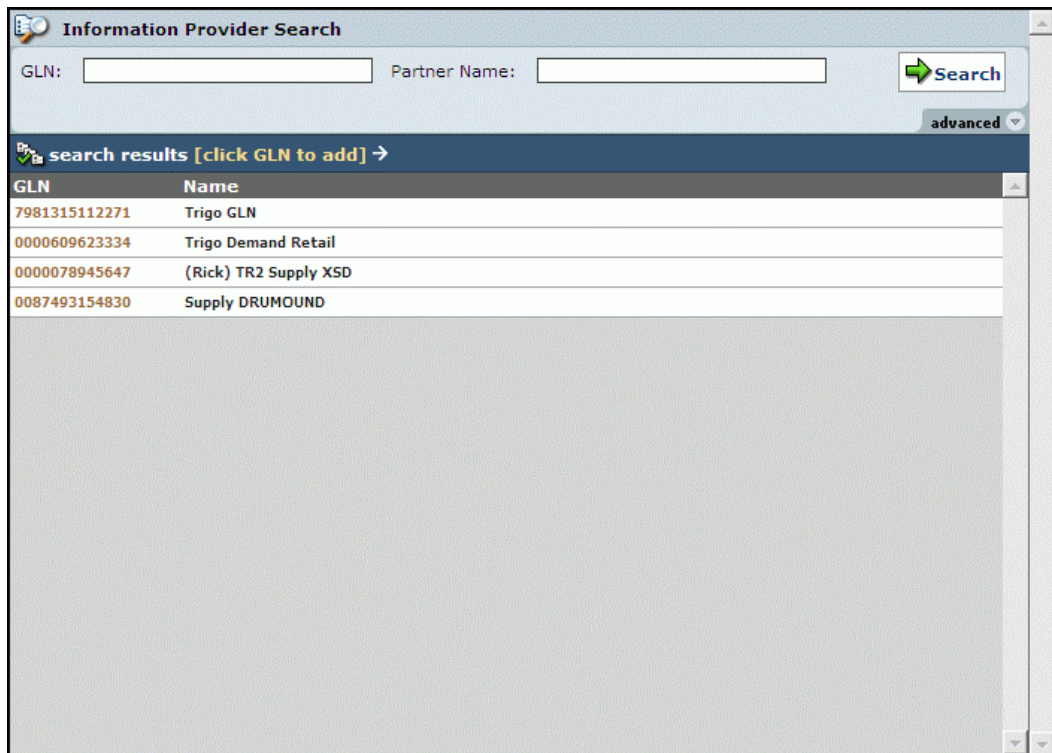


*Target Market Search Results*

- 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.



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

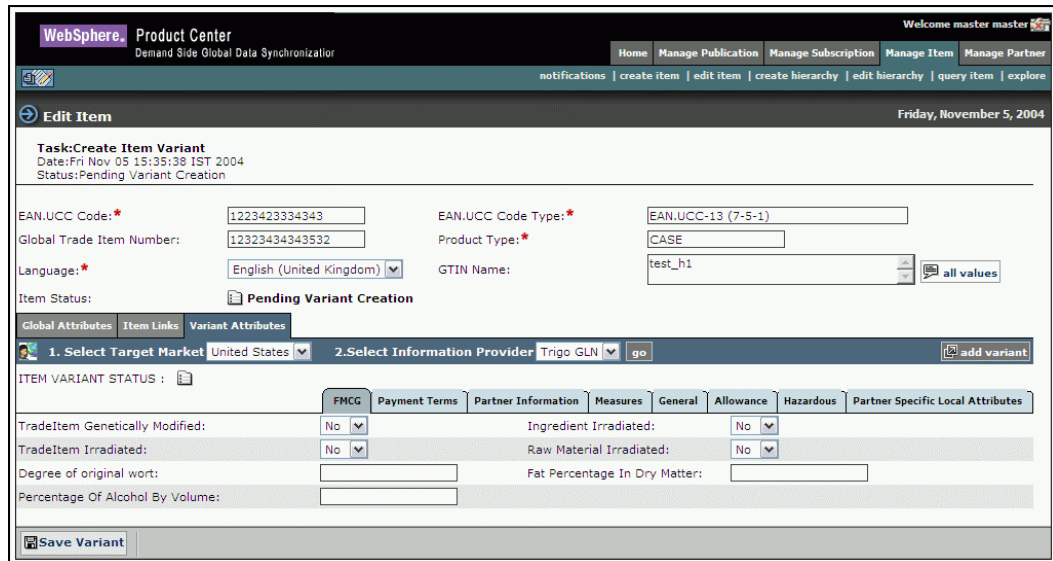


*Information Provider Search Results*

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



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.



*Create Variant – Variant Selected*

10. Click **Go**. The attributes for the selected target market and information provider is displayed. Enter the values in the fields under the various tabs.

WebSphere Product Center  
Demand Side Global Data Synchronizator

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: \* 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						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 Variant – Save Variant*

11. Click **Save Variant**. All the variant attributes to entered by the user will be saved. The screen that allows you to submit this variant for enrichment is displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizator

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: \* 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						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 Submit This Variant For Enrichment

*Create Variant – Submit Variant for enrichment*

12. 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 shows the 'Edit Item' page in the WebSphere Product Center. The page is titled 'Edit Item' and includes a navigation bar with 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. The main content area is divided into several sections. At the top, there are input fields for 'EAN.UCC Code', 'Global Trade Item Number', 'Language', 'EAN.UCC Code Type', 'Product Type', and 'GTIN Name'. Below these fields, there is a section for 'Item Status' with a 'Pending Variant Creation' button. The 'Variant Attributes' tab is selected, showing a table with columns for 'FMCG', 'Payment Terms', 'Partner Information', 'Measures', 'General', 'Allowance', 'Hazardous', and 'Partner Specific Local Attributes'. The table contains rows for 'TradeItem Genetically Modified', 'TradeItem Irradiated', 'Degree of original wort', and 'Percentage Of Alcohol By Volume', each with a 'No' dropdown menu and an empty text input field.

*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. Click **Go**
3. 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.

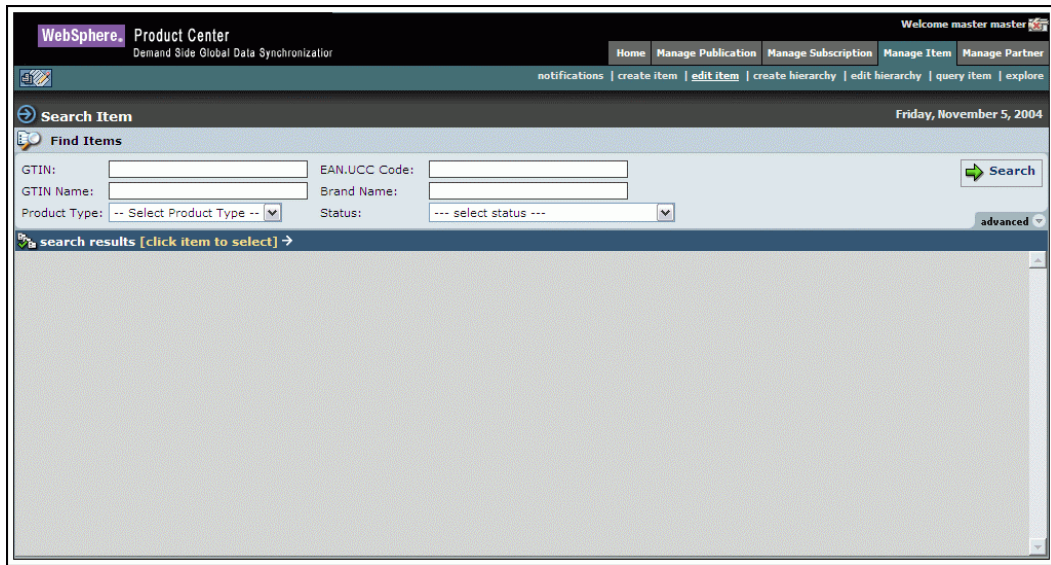
Note: If you are not ready to commit the enrichment, click **Save Variant**. This saves a draft copy of the item.

## 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:

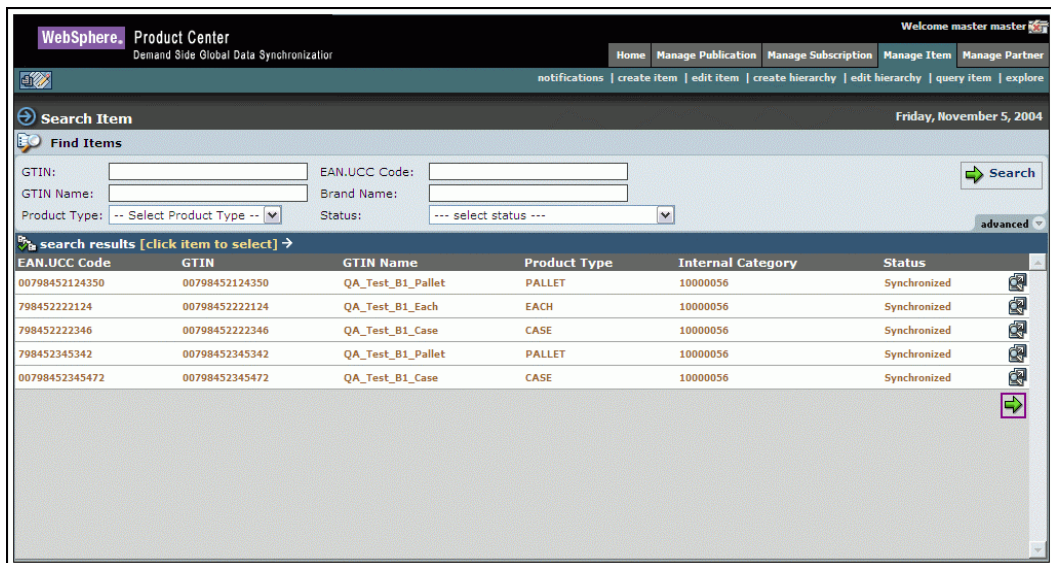
1. In the *Manage Item* tab view, click on the **edit items** link. The *Search* page is displayed.



The screenshot shows the 'Search Item' page in the WebSphere Product Center. The page has a navigation bar with links for Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. Below the navigation bar, there are links for notifications, create item, edit item, create hierarchy, edit hierarchy, query item, and explore. The main content area is titled 'Search Item' and contains a 'Find Items' section with several input fields: GTIN, EAN.UCC Code, GTIN Name, Brand Name, Product Type (a dropdown menu), and Status (a dropdown menu). A 'Search' button is located to the right of the input fields. Below the search form, there is a section for 'search results [click item to select]' which is currently empty.

*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.



The screenshot shows the 'Search Item' page with search results displayed. The results are shown in a table with the following columns: EAN.UCC Code, GTIN, GTIN Name, Product Type, Internal Category, and Status. The table contains five rows of data.

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*



- Click on the item that you want to submit for compliance check and click **Next**. The *Edit Item* page is displayed.
- To select the variant that needs to be submitted for compliance check, 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.

The screenshot shows the 'Edit Item' page in the WebSphere Product Center. The page is titled 'Edit Item' and includes a navigation bar with options like 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. The main content area displays various fields for item identification and attributes. At the bottom, there are three buttons: 'Save Variant', 'Delete Variant', and 'Submit for Compliance Check'. The 'Submit for Compliance Check' button is highlighted, indicating the next step in the process.

*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.

The screenshot shows the 'Edit Item' page in the WebSphere Product Center, identical to the previous one. However, the 'Submit for Compliance Check' button is now replaced by a 'Submit for Approval' button, indicating that the compliance check has been successfully completed and the item is ready for internal review.

*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.

### 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).

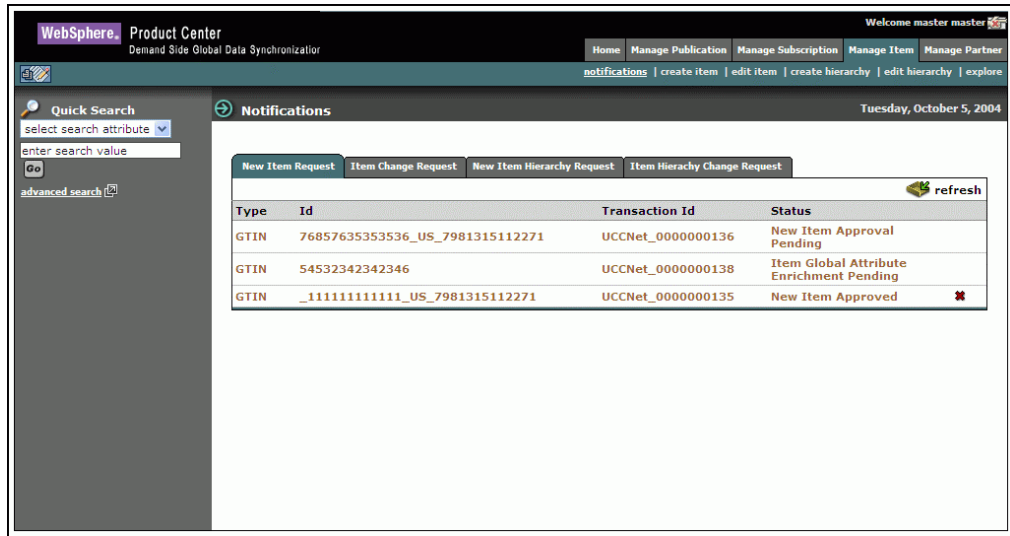
The notifications are displayed in the *New Item Request* tab view.

## 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.

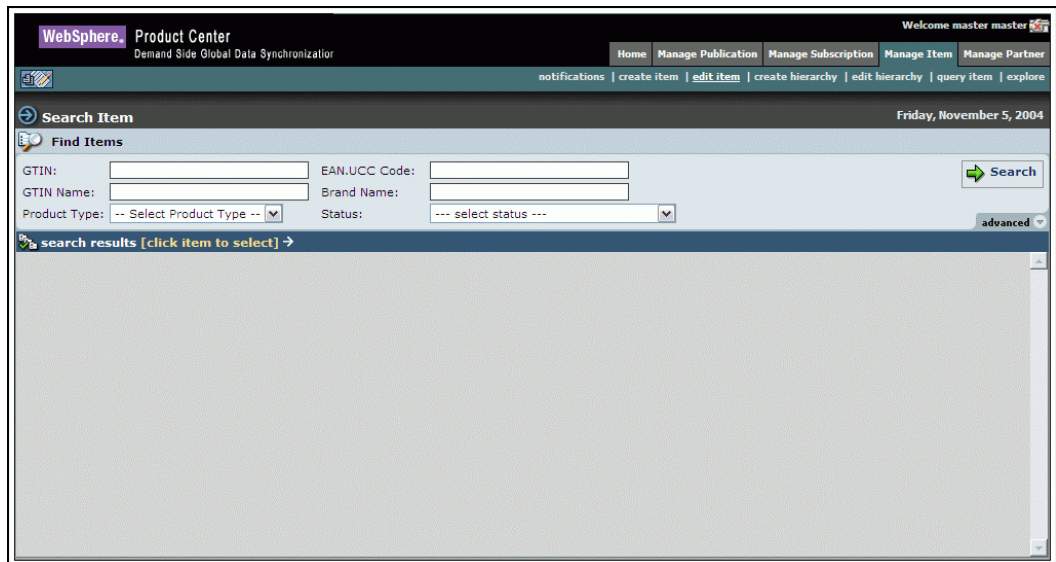
To edit an item:

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



*Manage Item Tab View*

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



*Manage Item – Edit Item*

3. 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.
4. In the **search results** area, click on the item that you want to delete. The details of that item are displayed.

WebSphere Product Center  
Demand Side Global Data Synchronizator

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** Wednesday, November 10, 2004

EAN.UCC Code: \* 2431365432165 EAN.UCC Code Type: \* U.P.C Shipping Container Code (1-2-5-5)  
 Global Trade Item Number: 24313654321651 Product Type: \* EACH  
 Language: \* English (United Kingdom) GTIN Name: Hi2 all values  
 Item Status: Draft

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]: GLN [Manufacturer of Trade Item]:  
 Alternate Party Identification [Manufacturer of TradeItem]:

Save GTIN Delete GTIN Submit Global Attributes for Enrichment

### *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*

3. 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

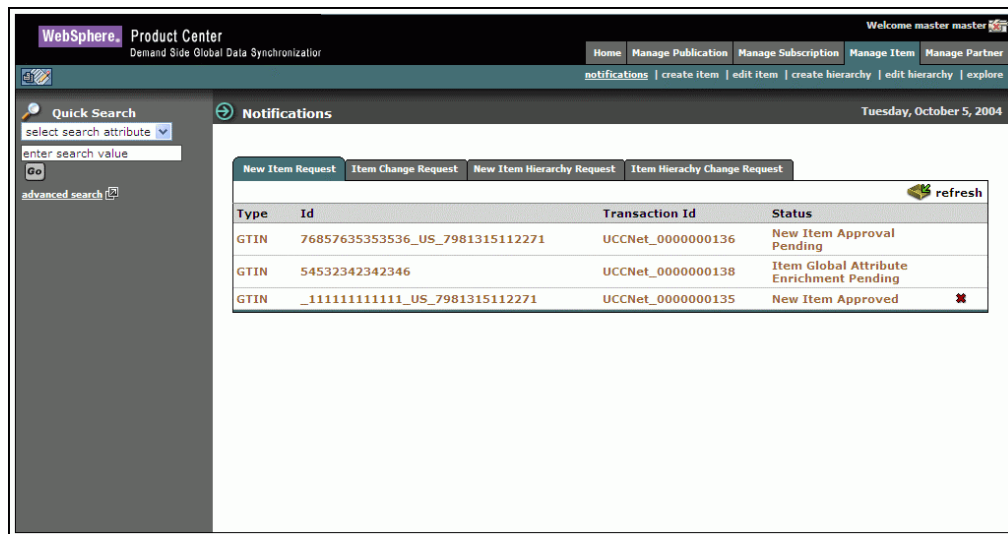
You can create item hierarchies in the IBM Global Data Synchronization for WebSphere Product Center application.

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:

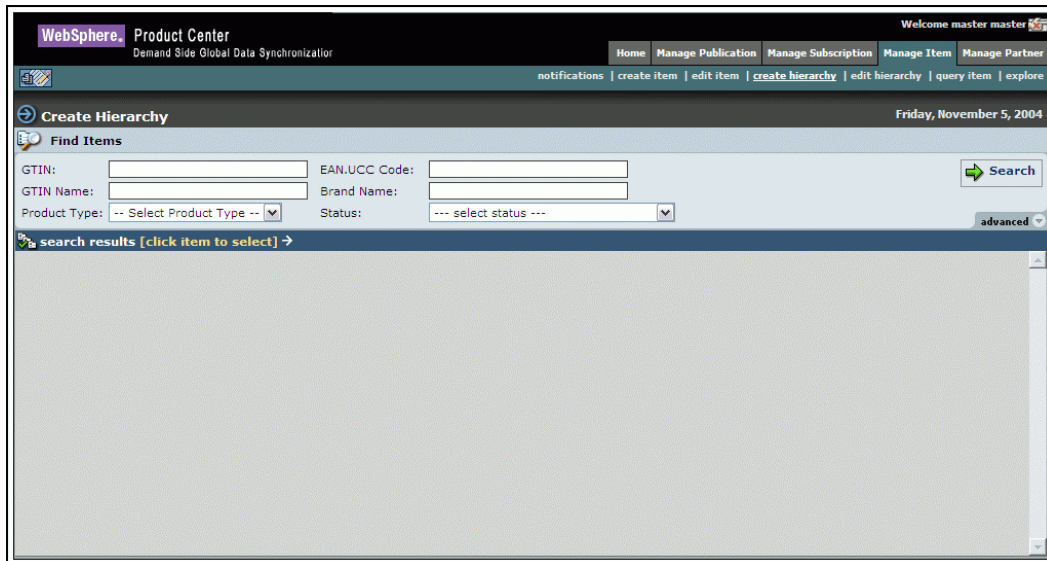
1. In the *Home* page, click on the **Manage Item** tab. The *Manage Item* tab view is displayed.



Type	Id	Transaction Id	Status
GTIN	76857635353536_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

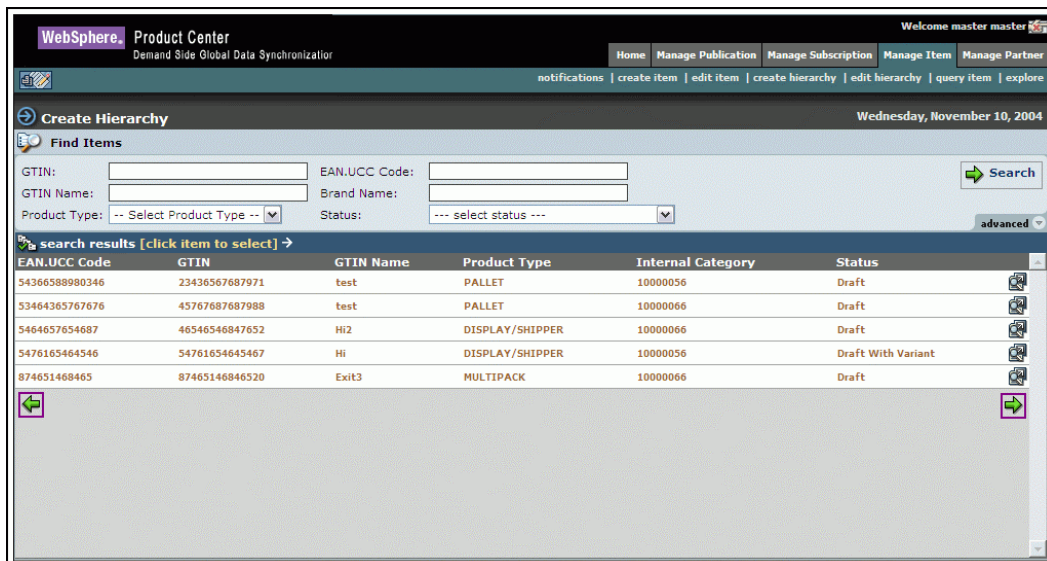
*Manage Item Tab View*

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



*Create Hierarchy - Search*

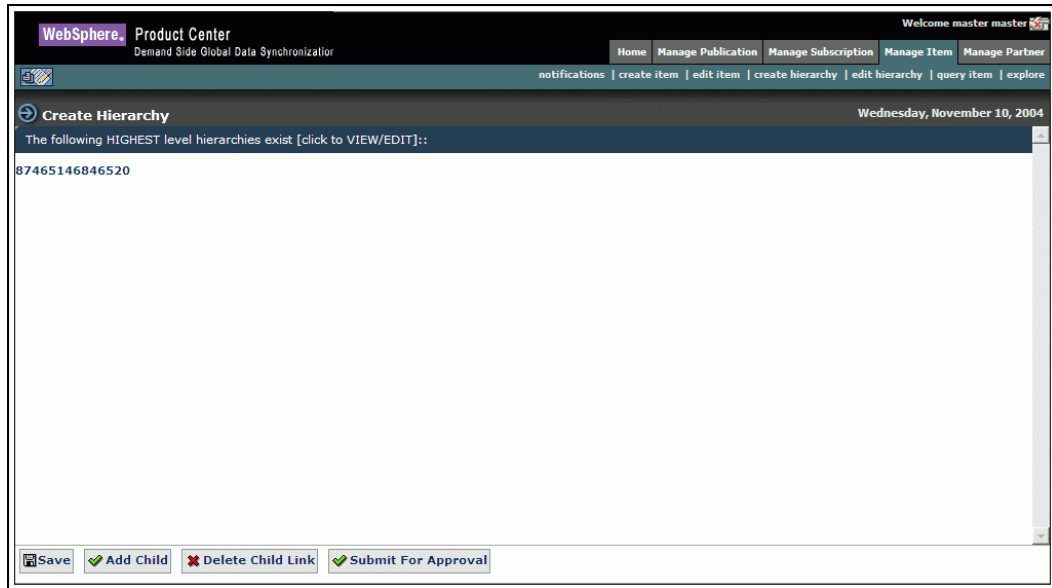
3. Search for the GTIN for which you want to create links. For information about performing a search, refer the Search for Items section in *Chapter 8 - Search*. The search results are displayed in the **search results** area.
4. Click on the GTIN. The *Items Links For* page is displayed.



*Search Results*

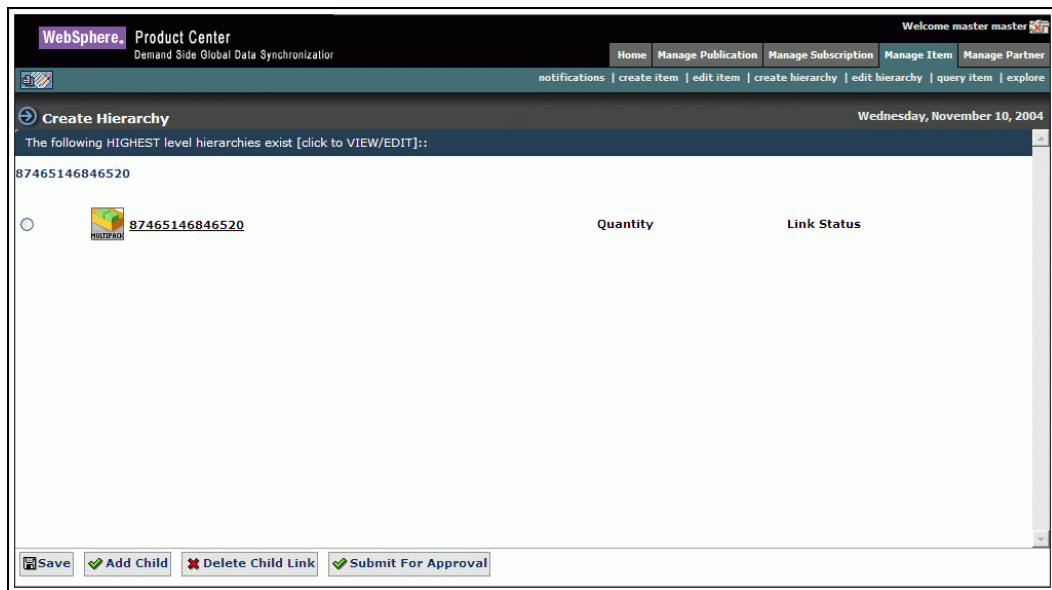
5. Click on the displayed GTIN. The following page is displayed.





*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:  Product Name:   Search  
 GTIN Name:  Description:   
 Brand Name:  Product Type:  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"/>	Ⓜ_11111111111111111111 rahul2	EACH 
<input type="checkbox"/>	Ⓜ_222111111444444 s14	EACH 
<input type="checkbox"/>	Ⓜ_444444444444444	EACH 
<input type="checkbox"/>	Ⓜ_999999999999999 th2	EACH 

[Next](#) 

*Search Results*

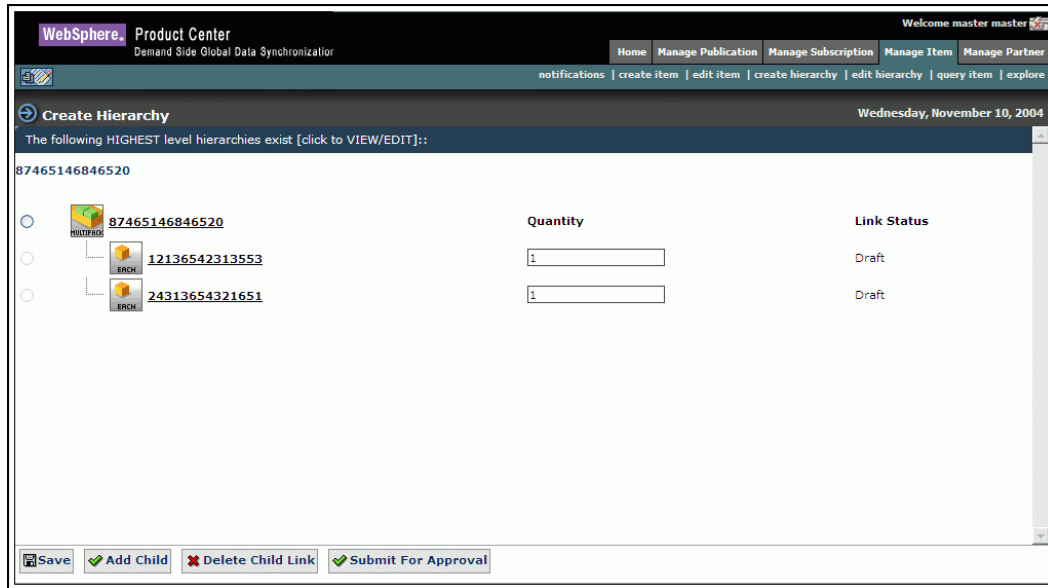
8. Select the GTIN(s) that you want to add as the child, and click **Next**. The *Add Links* page displays the selected GTIN(s).

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.

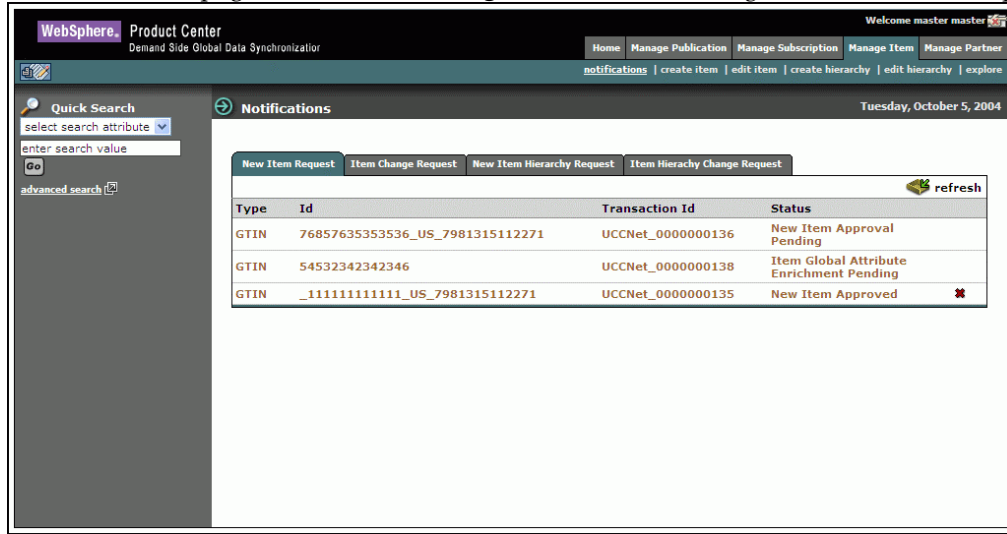
## Edit Hierarchy

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:

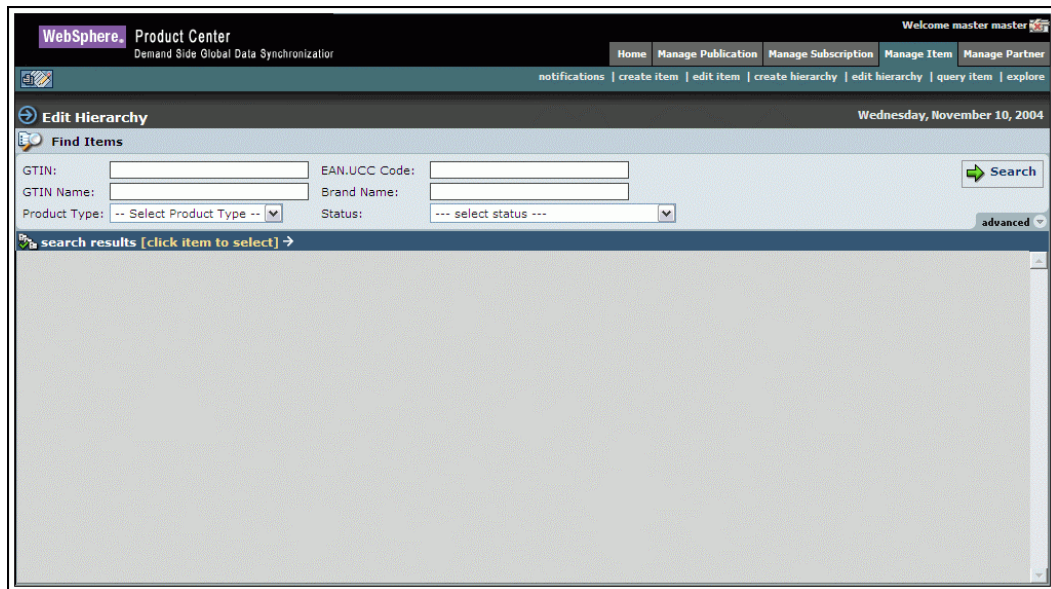
1. In the *Home* page, click on the **Manage Item** tab. The *Manage Item* tab view is displayed.



Type	Id	Transaction Id	Status
GTIN	76857635353536_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

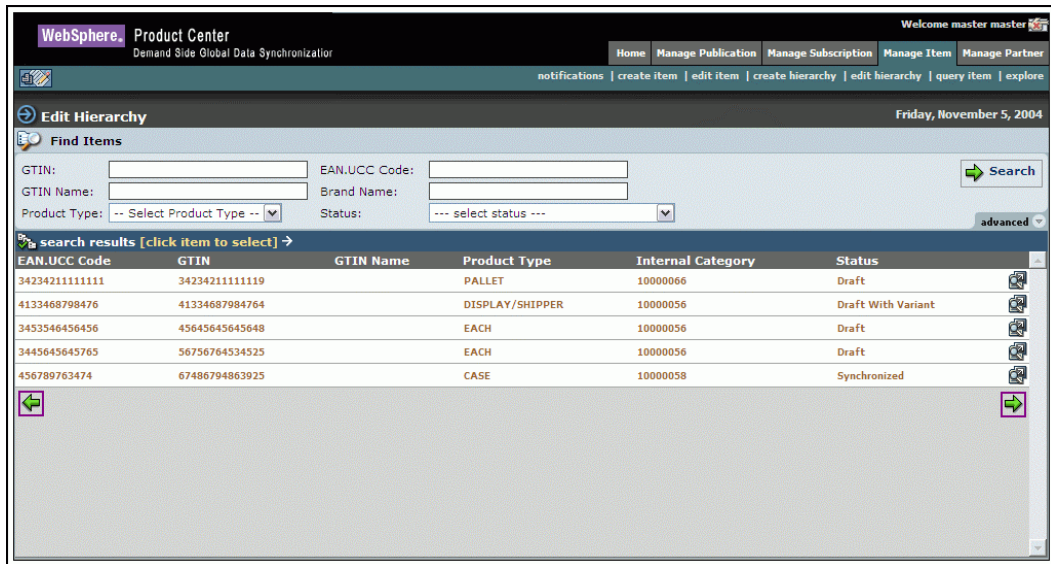
*Manage Item Tab View*

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



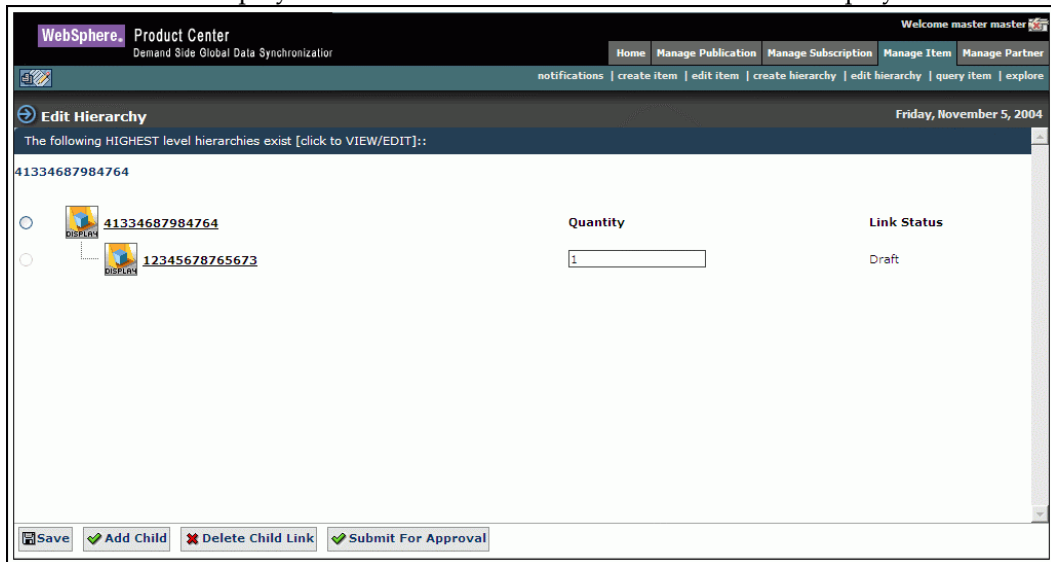
*Edit Hierarchy –Search*

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.



*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.



*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:  Product Name:   
 GTIN Name:  Description:   
 Brand Name:  Product Type: -- Select Product Type --

advanced ▾

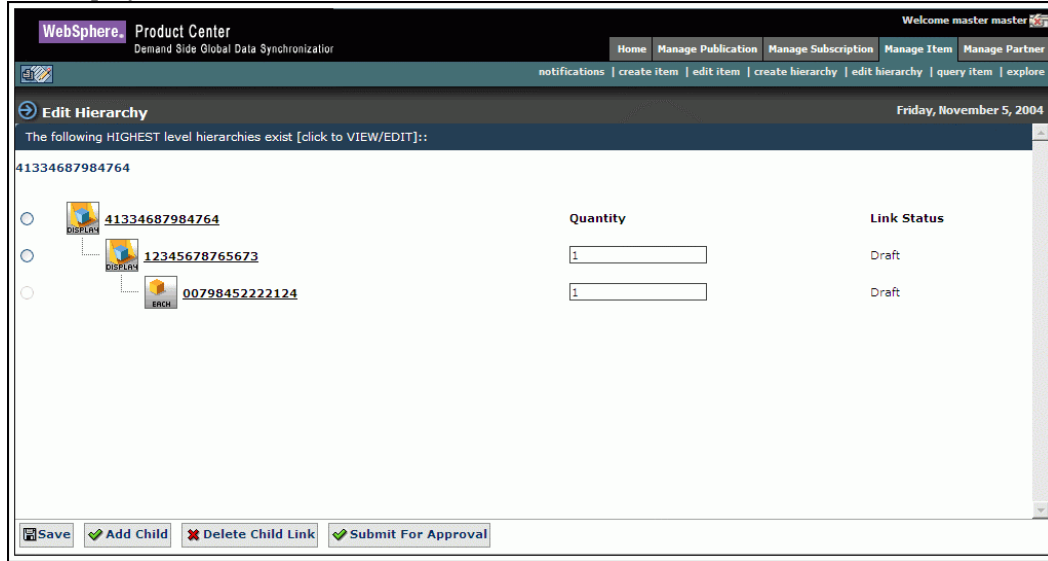
**search results** [click item to select] →

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"/> 676767676762		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).



*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.



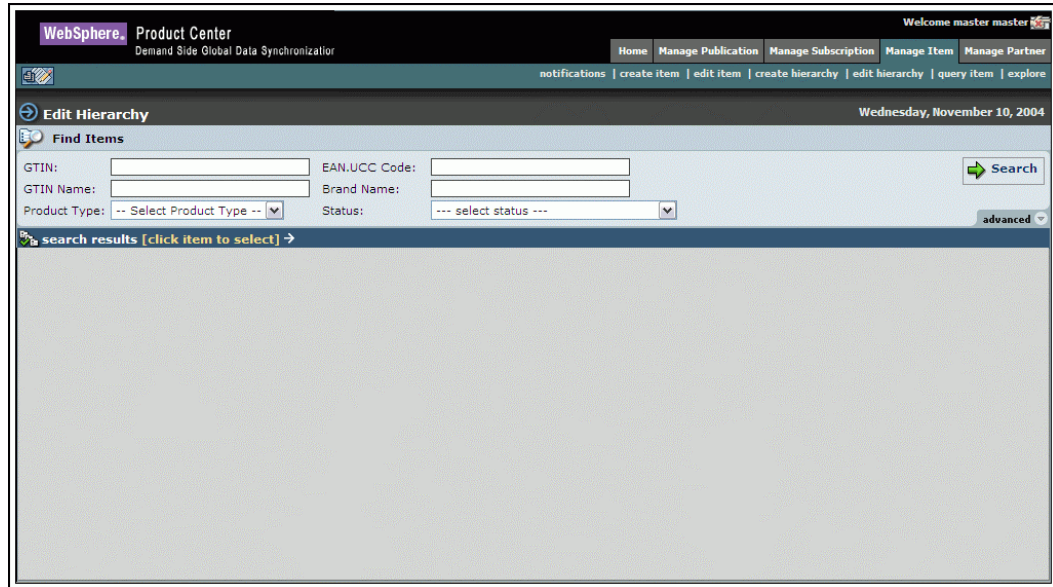
## Delete Item Links

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:

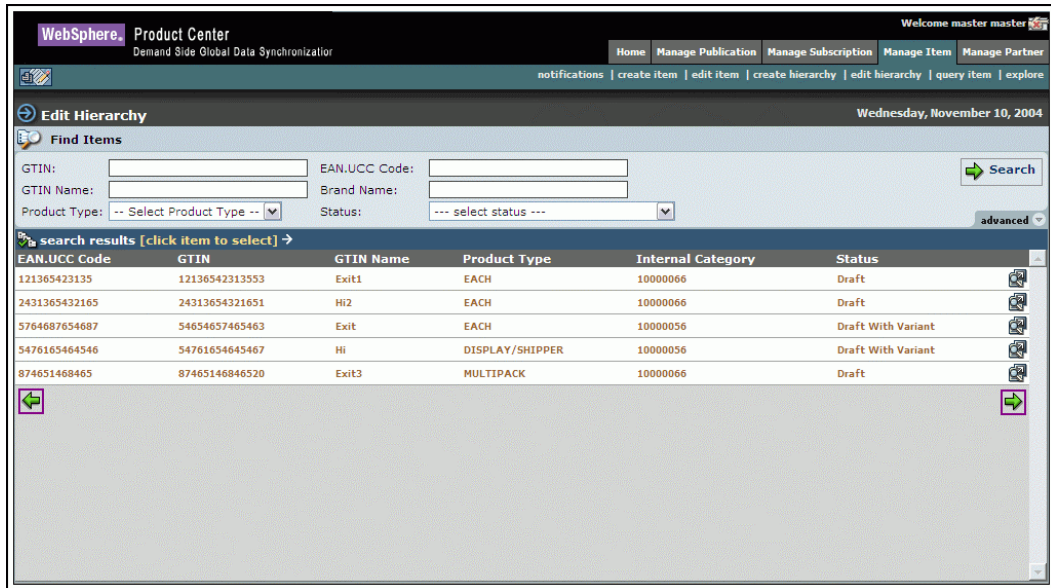
1. Under **Manage Item** tab, click on the **edit hierarchy** link.



The screenshot displays the 'Edit Hierarchy' page in the WebSphere Product Center. The page header includes 'WebSphere Product Center' and 'Demand Side Global Data Synchronizator'. The navigation bar contains links for 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. The main content area is titled 'Edit Hierarchy' and shows a 'Find Items' section with search criteria: GTIN, GTIN Name, EAN.UCC Code, Brand Name, Product Type (dropdown), and Status (dropdown). A 'Search' button is located to the right of the search fields. Below the search form is a 'search results' area with a link to 'click item to select'.

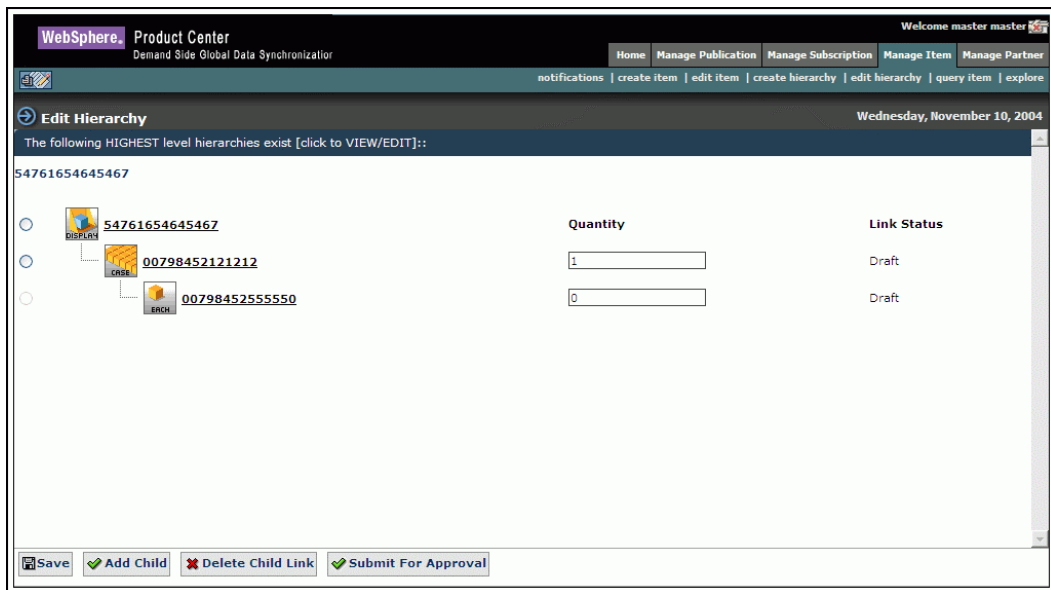
*Edit hierarchy- Search*

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.



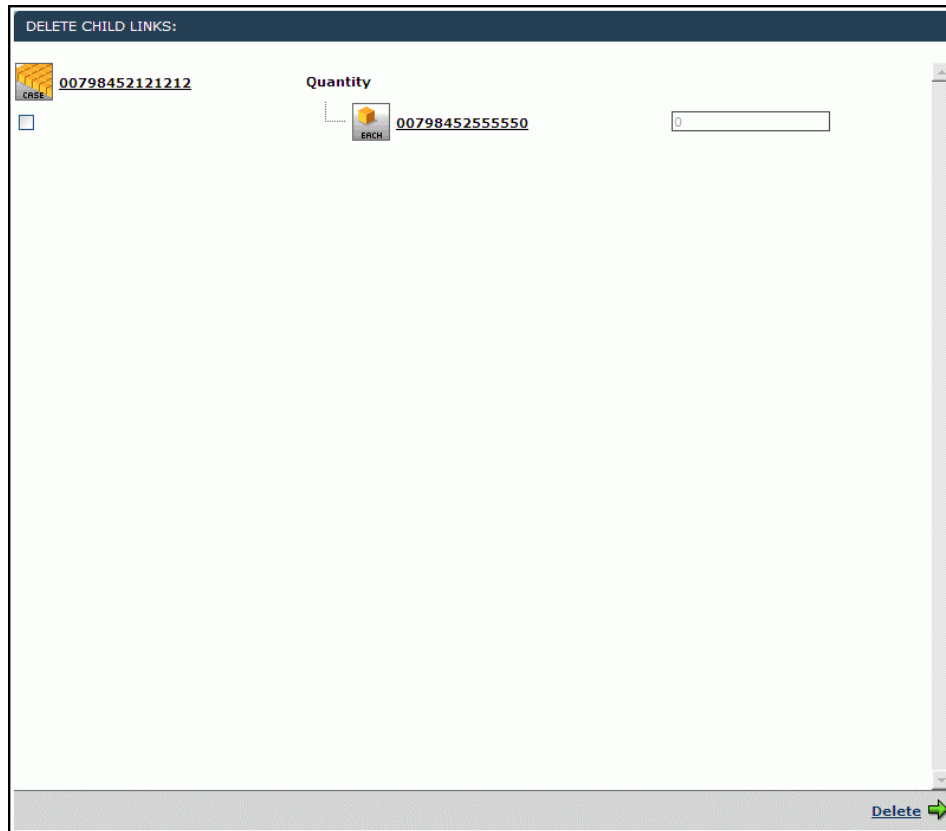
### Search Results

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



### 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


WebSphere Product Center  
Demand Side Global Data Synchronizator


Home Manage Publication Manage Subscription Manage Item Manage Partner

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

Query Item Friday, November 5, 2004




GTIN : \*  

Information Provider [GLN]: \*  

Target Market: \*  

### 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](#)

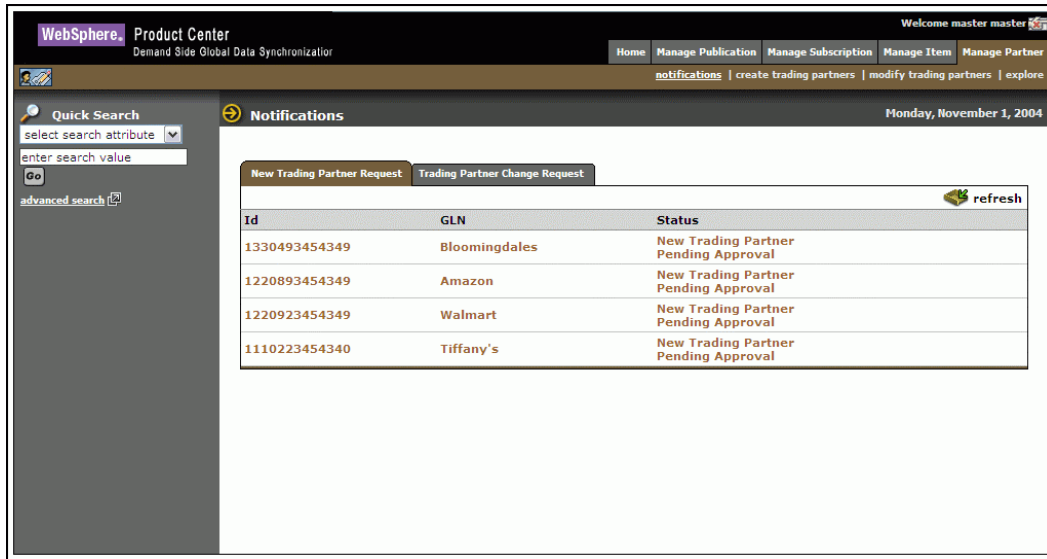
You can create and modify a trading partner from the *Home* page. The tasks are displayed in **Quick Tasks** on the left navigation pane.

### **View Notifications**

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

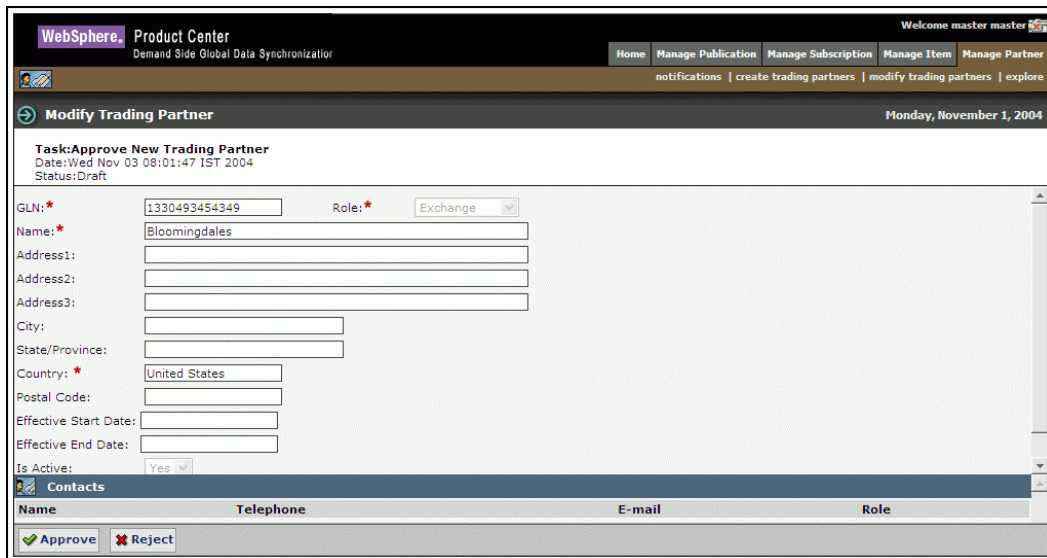
- New Trading Partner Request
- Trading Partner Change Request

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



### 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.



### 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

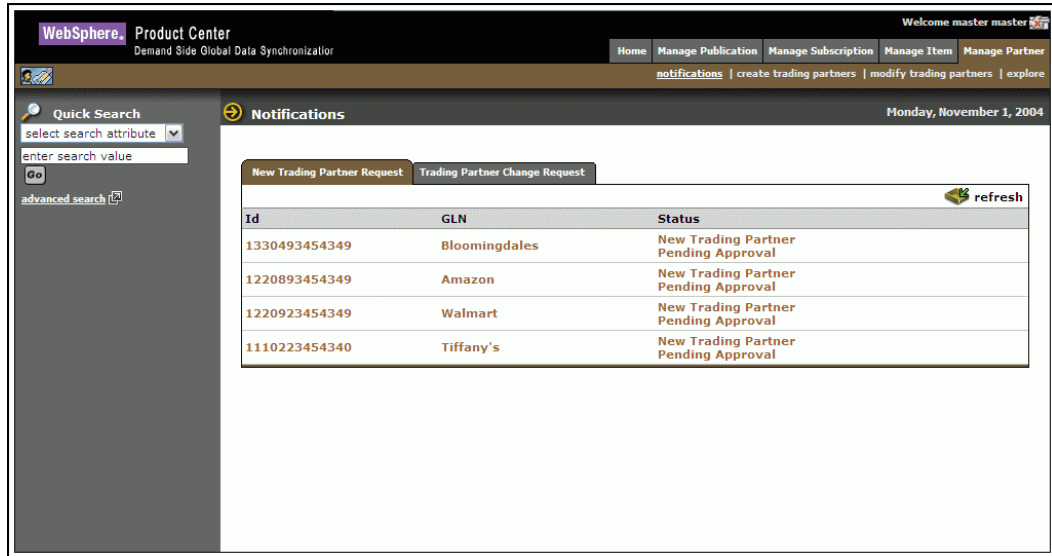
You can create a record of a trading partner in the system where the data synchronization is performed. You can specify the following information in the record:

- 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.

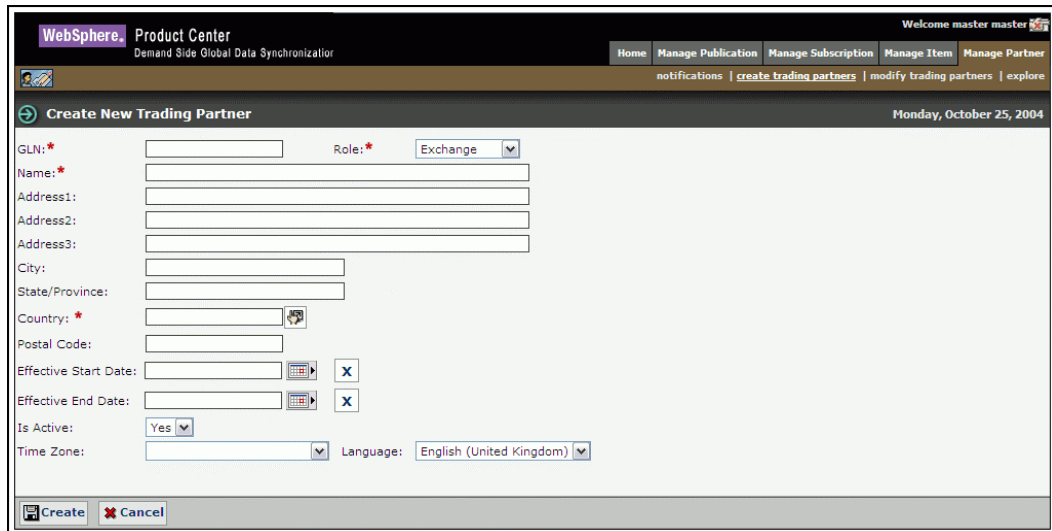
To create a trading partner:

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





*Manage Partner Tab View*

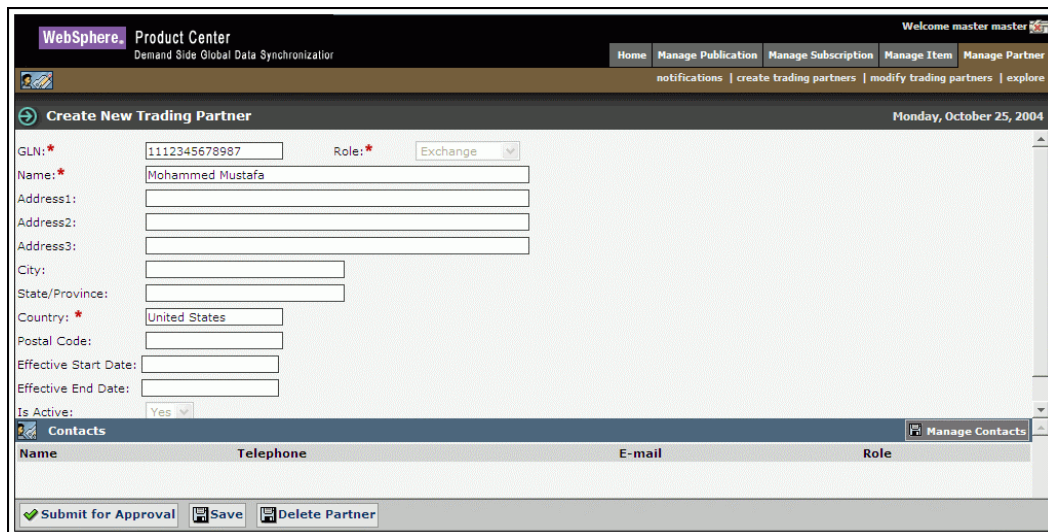
2. Click on **create trading partners** link. The *Create New Trading Partner* page is displayed.



*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.



The screenshot shows the 'Create New Trading Partner' form in the WebSphere Product Center. The form is titled 'Create New Trading Partner' and is dated 'Monday, October 25, 2004'. The form includes the following fields and controls:

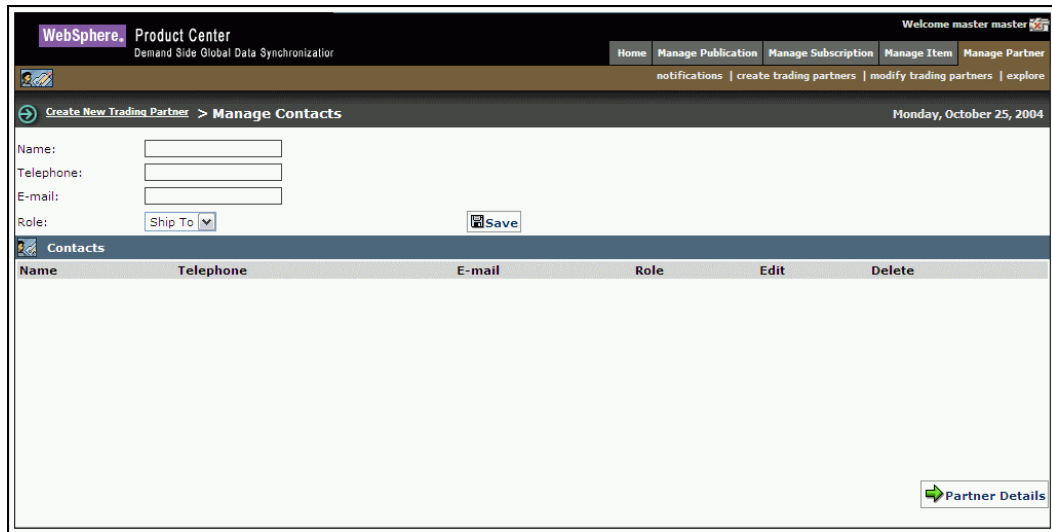
- GLN:** \* 1112345678987
- Role:** \* Exchange (dropdown menu)
- Name:** \* Mohammed Mustafa
- Address1:** [text input]
- Address2:** [text input]
- Address3:** [text input]
- City:** [text input]
- State/Province:** [text input]
- Country:** \* United States (dropdown menu)
- Postal Code:** [text input]
- Effective Start Date:** [calendar icon]
- Effective End Date:** [calendar icon]
- Is Active:** Yes (dropdown menu)

Below the form is a table titled 'Contacts' with the following columns: Name, Telephone, E-mail, and Role. The table is currently empty. At the bottom of the form are three buttons: 'Submit for Approval', 'Save', and 'Delete Partner'.

*Create New Trading Partner - Contacts*

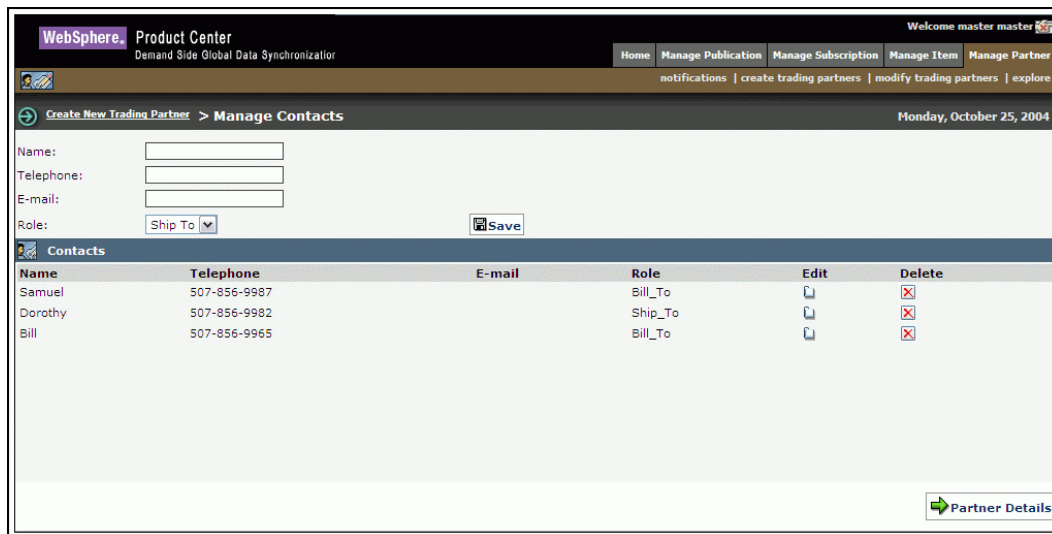
5. To add contact details, click **Manage Contacts**. Text entry fields where you can add contact information are displayed.





*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.



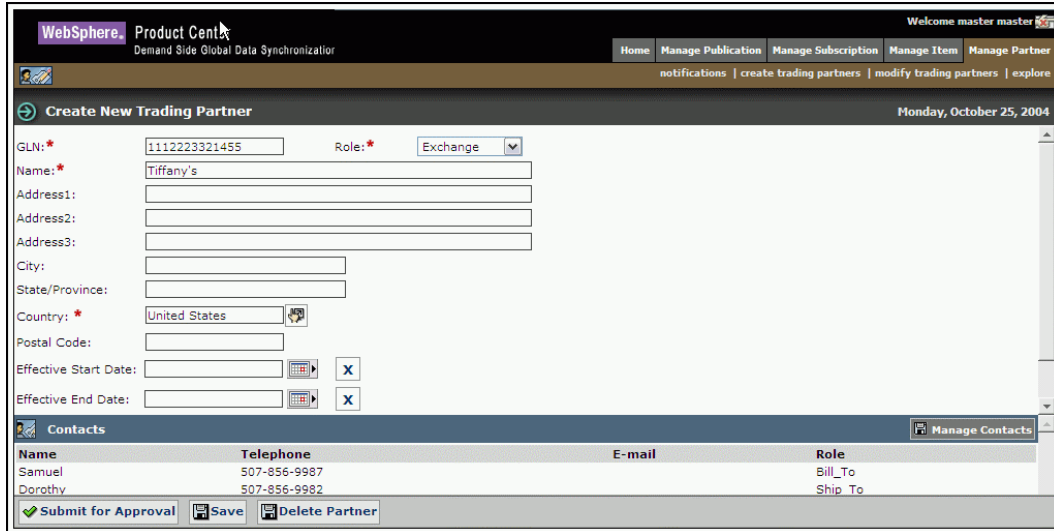
*Manage Contacts – New Contacts*

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.

- 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.



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

*Create New Trading Partner with Contacts*

- 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.
- If you have not finished adding the information, and you want to save a draft version, click **Save**.
- 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:

- 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

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Modify Trading Partner Monday, October 25, 2004

Trading Partner Search

GLN:  Partner Name:  Search

Status: -- Select Status --

advanced

Search Results [click item to select]

No Search Results...

### Manage Partner Tab View

- 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 'Modify Trading Partner' and the date is 'Monday, November 1, 2004'. The search criteria are: GLN: [text box], Partner Name: [text box], and Status: -- Select Status --. The search results are displayed in a table with the following data:

GLN	Name	Role	View
<a href="#">6701115112292</a>	<a href="#">UCNet Retailer</a>	<a href="#">Exchange</a>	
<a href="#">8989898989890</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*

- 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*.
- 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' details page in the WebSphere Product Center. The page title is 'Modify Trading Partner' and the date is 'Friday, October 29, 2004'. The details for the selected GLN (6701115112292) are as follows:

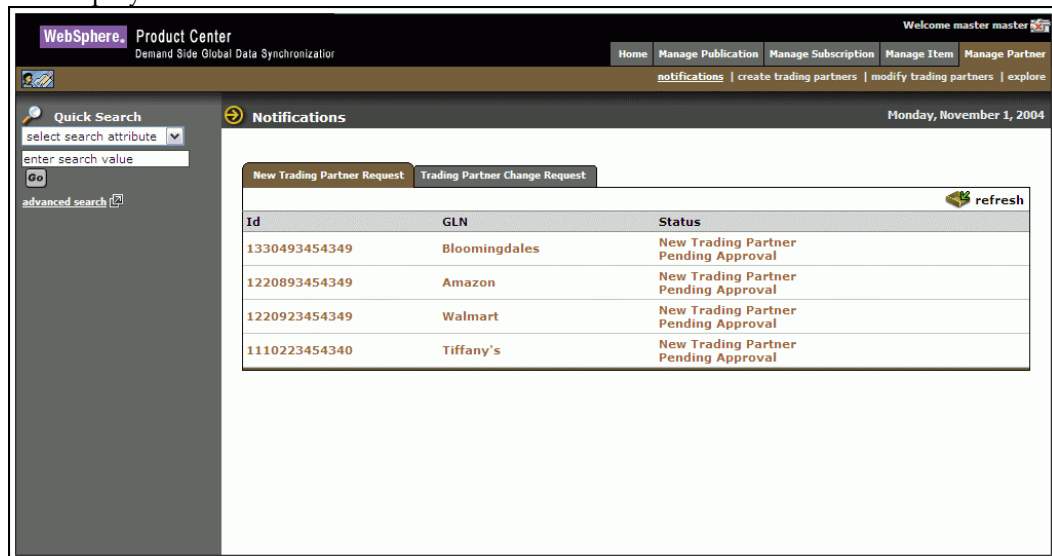
GLN: \* 6701115112292 Role: \* Exchange  
 Name: \* UCNet Retailer  
 Address1: [text box]  
 Address2: [text box]  
 Address3: [text box]  
 City: [text box]  
 State/Province: [text box]  
 Country: \* United States  
 Postal Code: [text box]  
 Effective Start Date: [text box]  
 Effective End Date: [text box]  
 Is Active: Yes

The 'Contacts' table is currently empty.

*Modify Trading Partner - Details*

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



The screenshot shows the 'WebSphere Product Center' interface. The main content area is titled 'Notifications' and contains a table of trading partner requests. The table has three columns: 'Id', 'GLN', and 'Status'. There are four rows of data, each representing a trading partner request. The status for all requests is 'New Trading Partner Pending Approval'. A 'refresh' button is visible in the top right corner of the table area.

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

*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 a WebSphere Product Center. The page title is 'Modify Trading Partner' and the date is 'Friday, October 29, 2004'. The form includes the following fields:

- GLN: \* 6701115112292
- Role: \* Exchange
- Name: \* UCCnet Retailer
- Address1: [Empty]
- Address2: [Empty]
- Address3: [Empty]
- City: [Empty]
- State/Province: [Empty]
- Country: \* United States
- Postal Code: [Empty]
- Effective Start Date: [Empty]
- Effective End Date: [Empty]
- Is Active: Yes

Below the form is a 'Contacts' table with the following columns: Name, Telephone, E-mail, and Role. The table is currently empty. 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.

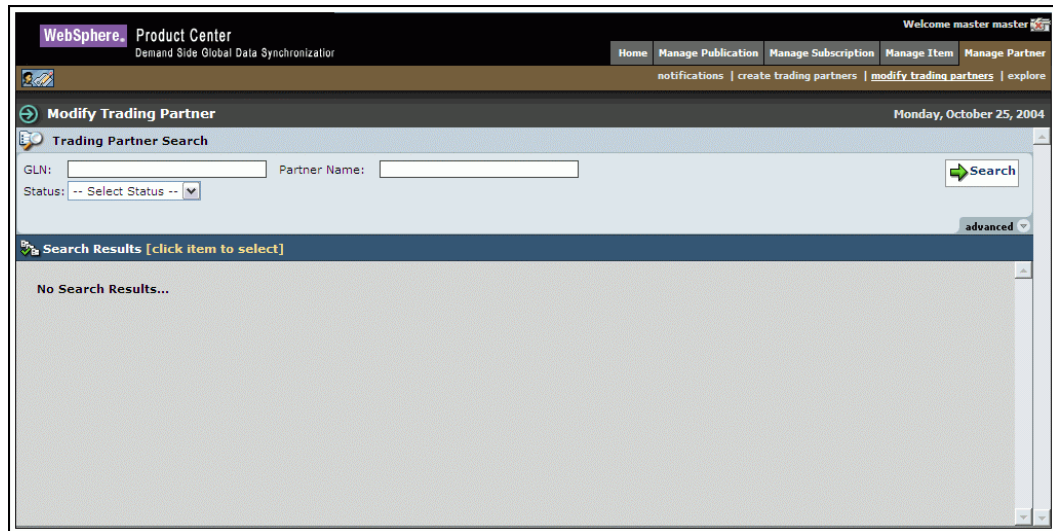
## Delete Trading Partner

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

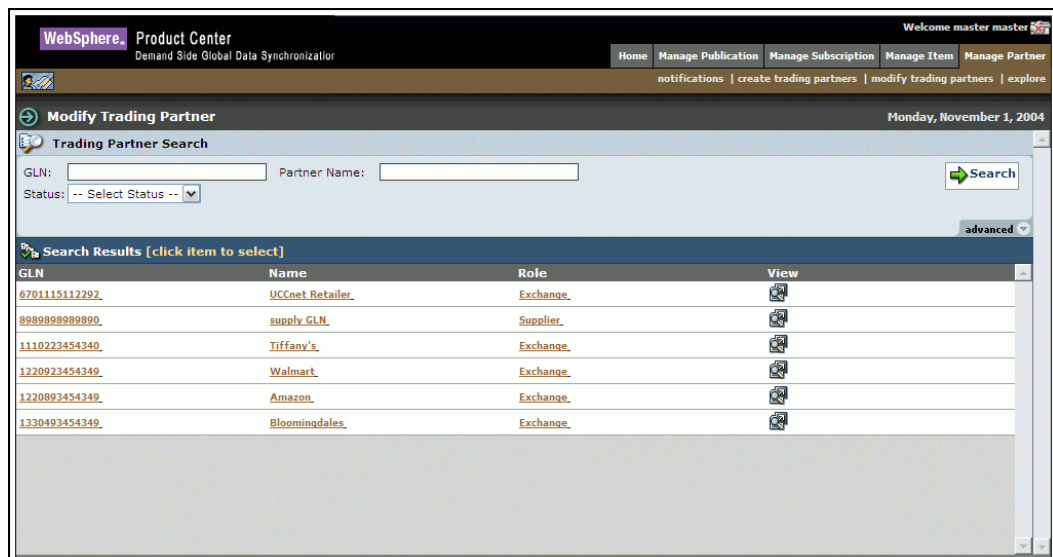
To delete a trading partner that is in draft status:

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



*Manage Partner Tab View*

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



*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.

The screenshot shows the 'Modify Trading Partner' interface. The top navigation bar includes 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. The main content area is titled 'Modify Trading Partner' and contains the following fields:

- GLN: \* 1220923454349
- Role: \* Exchange
- Name: \* Walmart
- Address1: [Empty]
- Address2: [Empty]
- Address3: [Empty]
- City: [Empty]
- State/Province: [Empty]
- Country: \* United States
- Postal Code: [Empty]
- Effective Start Date: [Empty]
- Effective End Date: [Empty]
- Is Active: Yes

Below the form is a 'Contacts' table with the following structure:

Name	Telephone	E-mail	Role

At the bottom of the form are two buttons: 'Approve' and 'Reject'.

*Modify trading Partner – Details*

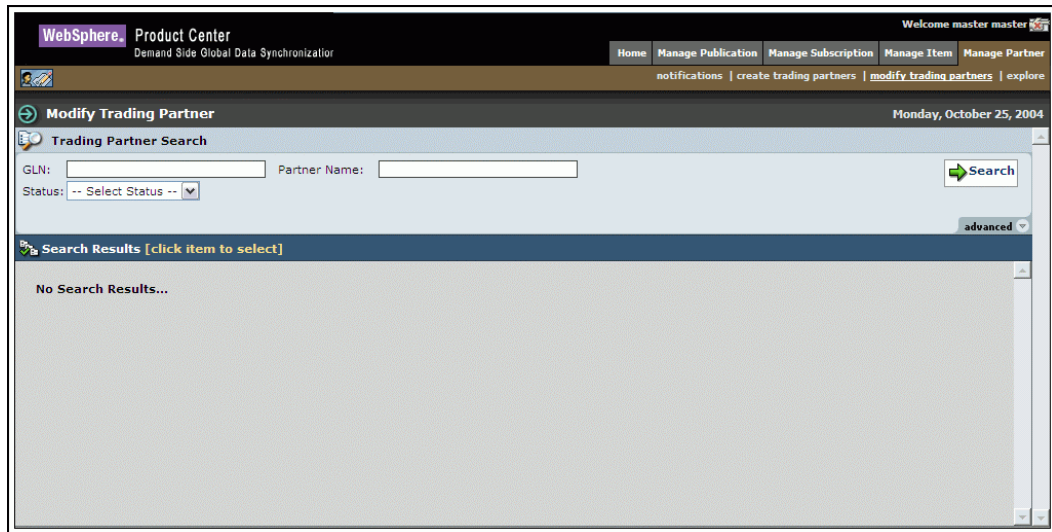
5. To delete the Trading Partner details click **Reject**. The trading partner record is deleted from the system. No notification is sent for approval.

## Delete Trading Partner – Approved Status

To delete a trading partner that is in Approved status:

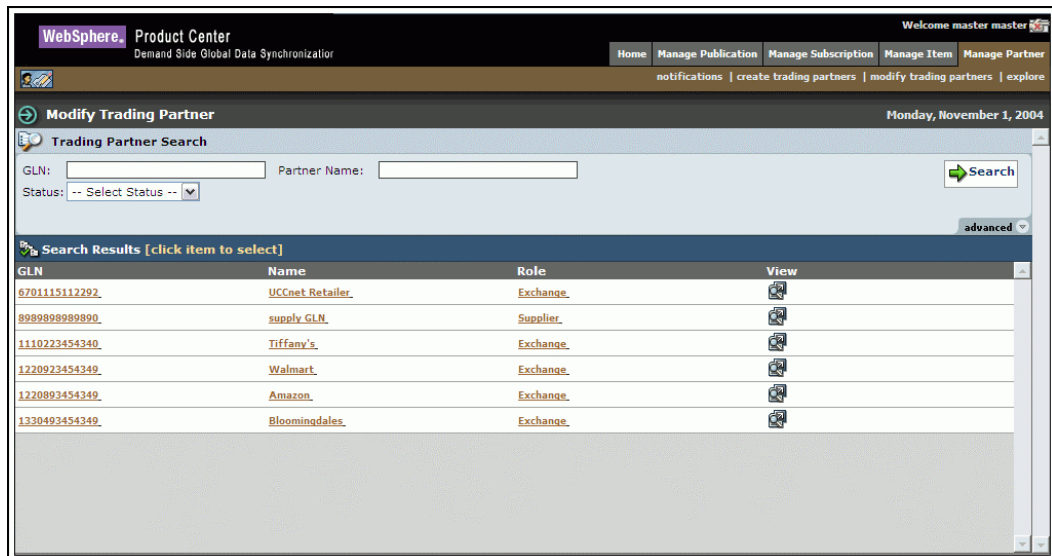
1. In the *Home* page, click on the **Manage Partner** tab. The *Manage Partner* tab view is displayed.





*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

Monday, November 1, 2004

**Modify Trading Partner**

GLN: \* 1220893454349 Role: \* Exchange

Name: \* Amazon

Address1:

Address2:

Address3:

City:

State/Province:

Country: \* United States

Postal Code:

Effective Start Date:  X

Effective End Date:  X

**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

Monday, November 1, 2004

**Modify Trading Partner**

**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*.

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## Ch 8 Generate reports

The IBM Global Data Synchronization for WebSphere Product Center application provides pre-defined report templates to facilitate business reporting. You can use these report templates to complete data synchronization tasks, perform business process analysis, and generate management-level summary reports.

Topics:

- [Run Reports](#)

You can generate the following reports:

- Time taken to enrich a new item: This report provides the analyst the time taken (i.e. typically average time) for the demand-side trading partner to enrich a new item.
- Time taken to approve an initial load item: This report provides the analyst the time taken (i.e. typically average time) for the demand side partner to approve an item for registration.
- Time Taken to Enrich Variants – This report provides the average time taken for the supply-side trading partner to enrich trade item variants.
- Time Taken to Approve Item Change – This report provides you the average time taken for the supply-side trading partner to approve a trade item information change.
- Time Taken to Enrich Global Attribute – This report provides the average time taken for the supply-side trading partner to enrich global trade item attributes.
- Time taken to accept a publication: This report provides an analyst the time taken (i.e. typically average time) for the customer to accept an initial load, new item, item change of item correction publication.
- List of Accepted/Rejected Publications - This report provides you the list of trade items that were accepted or rejected by the trading partner.
- Number of Publications received- This report provides the analyst the number of new item/initial load/item modification publications (by GTIN) that the demand side partner has received.
- List of Publications pending authorization: These reports provides the analyst the list of GTINS that were received as initial load/New Items/Item Modification publication from supply partners and require approval.
- List of erroneous publications pending changes from trading partner: This report provides the analyst the list of messages that are awaiting another message with the more accurate information
- **List of Items pending internal synchronization: This report provides the analyst the list of messages that are awaiting another message with more accurate information.**
- Time Taken to Approve Trading Partner change – This report provides you the average time taken for the supply-side trading partner to approve a trading partner information change.
- User Activity – This report provides the activities of a user over a period of time.

## Run Reports

Each report has a fixed set of parameters for which you can enter values.

To run a report:

1. In the *Home* page, click on the **Run Reports** tab. The *Reports Console* page displays the list of reports that can be generated.
2. Click on the type of report that you want to generate. For example, if you click on the **Time taken to approve initial load item** link, the page to enter details to generate the report is displayed.

The screenshot shows the 'Run Reports' page in the WebSphere Product Center. The page title is 'WebSphere Product Center' with the subtitle 'Demand Side Global Data Synchronization'. The user is logged in as 'master master'. The navigation menu includes 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', 'Manage Partner', and 'Run Reports'. The current page is 'Reports Console -> Run Reports' and the date is 'Tuesday, March 15, 2005'. The report name is 'Time taken to approve initial load item creation'. The report description is: 'This report provides the analyst the time taken (i.e. typically average time) for the demand-side trading partner to approve a locally created item (for initial load)'. The form contains the following fields: 'From Date' (text input with calendar icon), 'To Date' (text input with calendar icon), 'Datapool Category' (text input with 'Select' button), 'Target Market (TM)' (text input with 'Select' button), 'Information Provider (IP)' (dropdown menu with '--Select IP--'), and 'Report By' (dropdown menu with 'Day'). A 'Run Reports' button is located at the bottom right of the form. Below the form is a 'Results' section, which is currently empty.

3. In the listed fields, type in the values for the parameters.
4. Click **Run Report**. The *Results* page displays the report based on the values specified.

WebSphere Product Center  
Demand Side Global Data Synchronizator

Welcome master master

Home Manage Publication Manage Subscription Manage Item Manage Partner Run Reports

Reports Console → Run Reports Tuesday, March 15, 2005

**Report Name:** Time taken to approve initial load item creation

**Report Description:** This report provides the analyst the time taken (i.e. typically average time) for the demand-side trading partner to approve a locally created item (for initial load).

From Date: 03/15/1900 To Date: 03/15/2005

Datapool Category: Select Target Market (TM): Select

Information Provider (IP): --Select IP-- Report By: Day Run Reports

**Results**

Tabular View

Report By Date	Average Time (Hrs)
03-14-2005	0.00
03-15-2005	0.01

The fields that are displayed for various reports and the description for the same are provided in the table. You can type in values for any of the fields based on which the report is generated. You have to type in the values for the required fields.

Time taken to approve an Item	
Field	Description
From Date / To Date	Allows you to select the date between which the report is to be generated.
Internal Item Category	Allows you to search and select an internal item category.
Target Market	Allows you to select the target market.
Information Provider	Allows you to select the information provider.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

Time taken to approve initial load item creation	
Field	Description
From Date / To Date	Allows you to select the date between which the report is to be generated.
Data Pool Category	Allows you to search and select a Data Pool category.
Target Market	Allows you to select the target market.
Information Provider	Allows you to select the information provider.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

Time taken to approve item changes	
Field	Description

<b>Time taken to approve item changes</b>	
From Date / To Date	Allows you to select the date between which the report is to be generated.
Data Pool Category	Allows you to search and select a Data Pool category.
Target Market	Allows you to select the target market.
Information Provider	Allows you to select the information provider.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

<b>Time taken to enrich global attributes</b>	
<b>Field</b>	<b>Description</b>
From Date / To Date	Allows you to select the date between which the report is to be generated.
Data Pool Category	Allows you to search and select a Data Pool category.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

<b>Time taken to enrich variant</b>	
<b>Field</b>	<b>Description</b>
From Date / To Date	Allows you to select the date between which the report is to be generated.
Data Pool Category	Allows you to search and select a Data Pool category.
Target Market	Allows you to select the target market.
Information Provider	Allows you to select the information provider.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

<b>Time taken to enrich a new item</b>	
<b>Field</b>	<b>Description</b>
From Date / To Date	Allows you to select the date between which the report is to be generated.
Data Pool Category	Allows you to search and select a Data Pool category.
Target Market	Allows you to select the target market.
Information Provider	Allows you to select the information provider.

<b>Time taken to enrich a new item</b>	
Publication type	Allows you to select the type of publication
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

<b>List of items pending internal synchronization</b>	
<b>Field</b>	<b>Description</b>
From Date / To Date	Allows you to select the date between which the report is to be generated.
Data Pool Category	Allows you to search and select a Data Pool category.
Target Market	Allows you to select the target market.
Information Provider	Allows you to select the information provider.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

<b>List of items pending internal synchronization</b>	
<b>Field</b>	<b>Description</b>
From Date / To Date	Allows you to select the date between which the report is to be generated.
Data Pool Category	Allows you to search and select a Data Pool category.
Target Market	Allows you to select the target market.
Information Provider	Allows you to select the information provider.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

<b>Time taken to approve trading partner changes</b>	
<b>Field</b>	<b>Description</b>
From Date / To Date	Allows you to select the date between which the report is to be generated.
Target Market	Allows you to select the target market.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.





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## Ch 9 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.

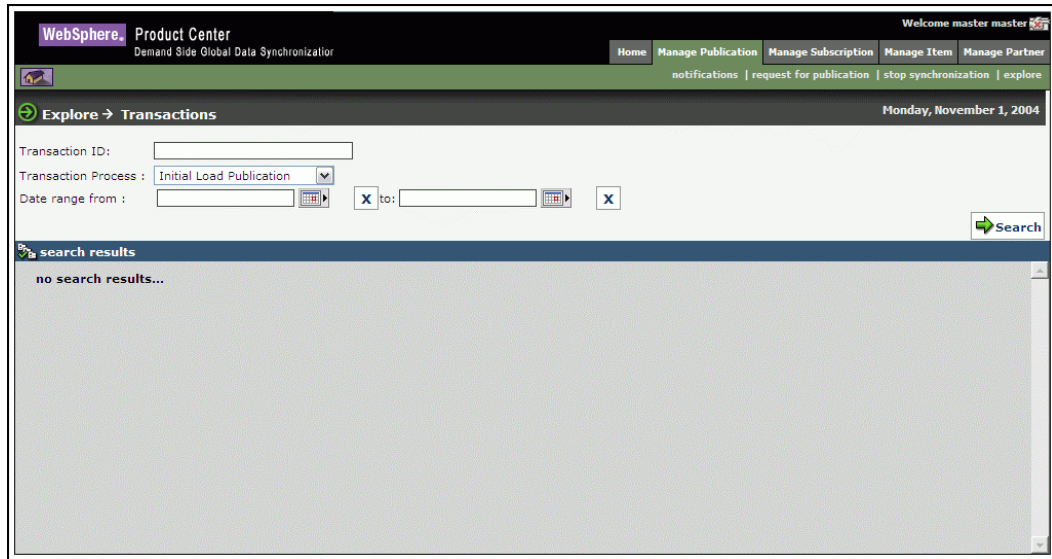
Tip!

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*

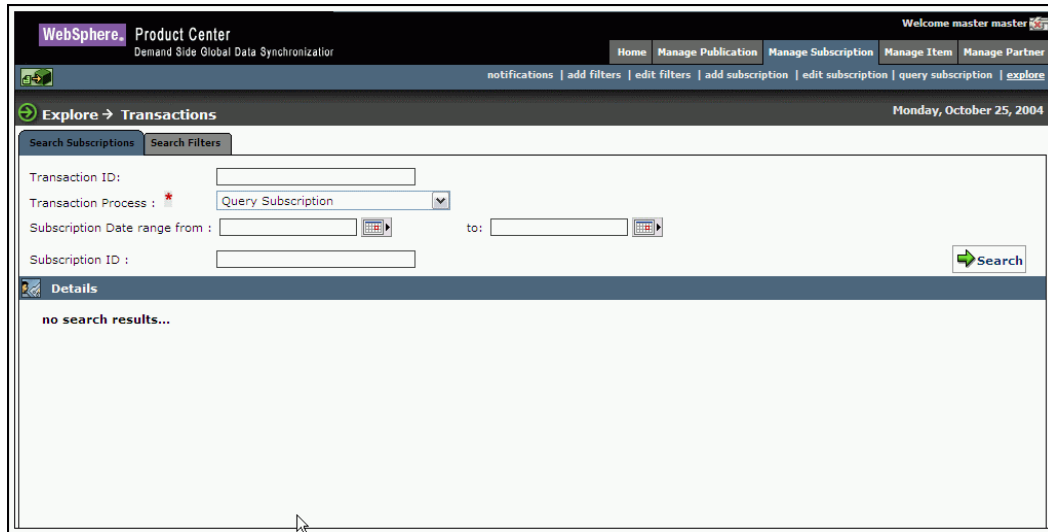
2. You can type search parameters in any or all the following fields:
  - a. In the **Transaction ID** field, type the ID of the publication that you want to search for.
  - b. From the **Transaction Process** drop-down menu, select the type of transaction. Options available are: Initial Load Publication, 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.

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 Internal Sync Message Sent	
UCCNet_0000000251	Initial Load Publication	22222222222226_US_7981315112271	Package	TRIGO SUPPLY	11/10/2004	Initial Load Publication Approval Pending	
UCCNet_0000000250	Initial Load Publication	22222222222226_US_7981315112271	Package	TRIGO SUPPLY	11/10/2004	Initial Load Publication Internal Sync Message Sent	
UCCNet_0000000249	Initial Load Publication	30000600000197_US_7981315112271	NA	NA	11/10/2004	Initial Load Publication Enrichment Completed	
UCCNet_0000000247	Initial Load Publication	22222222222226_US_7981315112271	Package	TRIGO SUPPLY	11/10/2004	Initial Load Publication Internal Sync Message Sent	
UCCNet_0000000238	Initial Load Publication	00798452777778_US_0000609623334_QA_Pallet_01		TRIGO SUPPLY	11/10/2004	Initial Load Publication Internal Sync Message	

## Search for Subscriptions


To search for subscriptions:

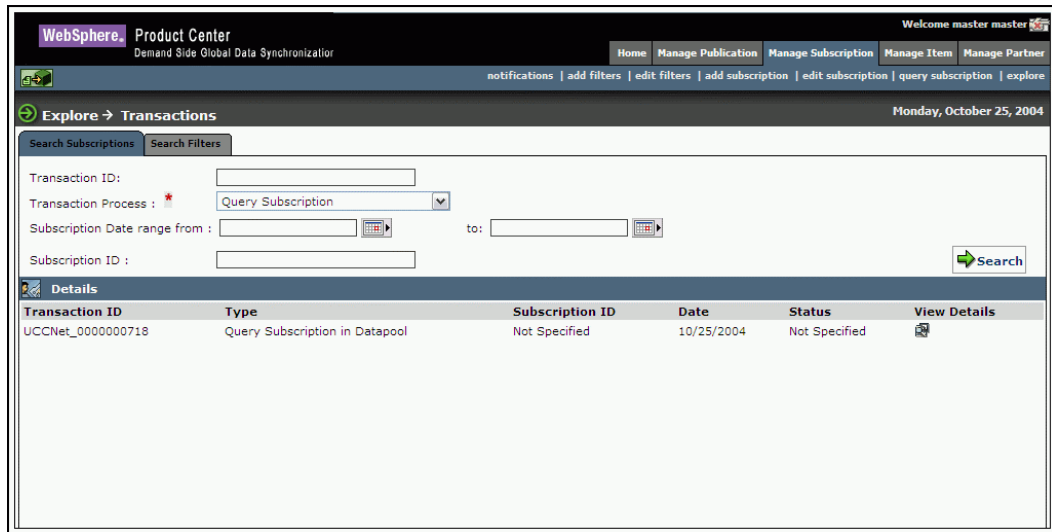
1. In the *Manage Subscriptions* tab view, click on the **explore** link. The *Explore Transactions* page is displayed.



The screenshot displays the 'Explore Transactions' interface within the WebSphere Product Center. The page title is 'Explore → Transactions' and the date is 'Monday, October 25, 2004'. The interface includes a navigation bar with links like 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', and 'Manage Partner'. Below the navigation bar, there are tabs for 'Search Subscriptions' and 'Search Filters'. The search filters section contains four input fields: 'Transaction ID', 'Transaction Process' (a dropdown menu currently set to 'Query Subscription'), 'Subscription Date range from' and 'to' (both with calendar icons), and 'Subscription ID'. A 'Search' button is located to the right of the 'Subscription ID' field. Below the search filters, there is a 'Details' section which currently displays 'no search results...'. The page also features a top navigation bar with 'notifications', 'add filters', 'edit filters', 'add subscription', 'edit subscription', 'query subscription', and 'explore' links.

### 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.



## Search for Items/Hierarchies

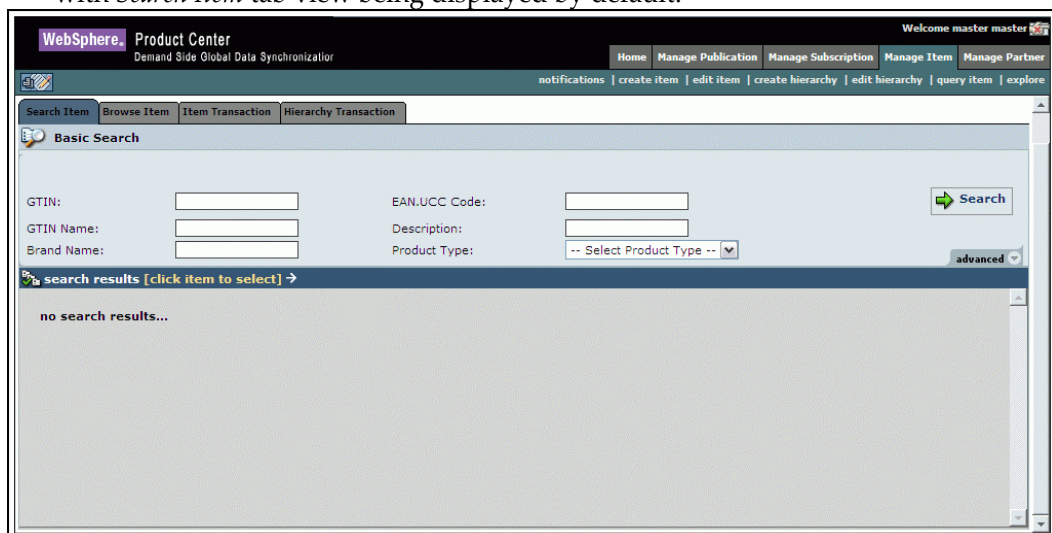
You can perform the following:

- [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.



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., Pre Pack/Assortment, Pre Pack, SetPack.
  
3. For a more detailed search, click **advanced**. Additional fields where you can type in search parameters are displayed.

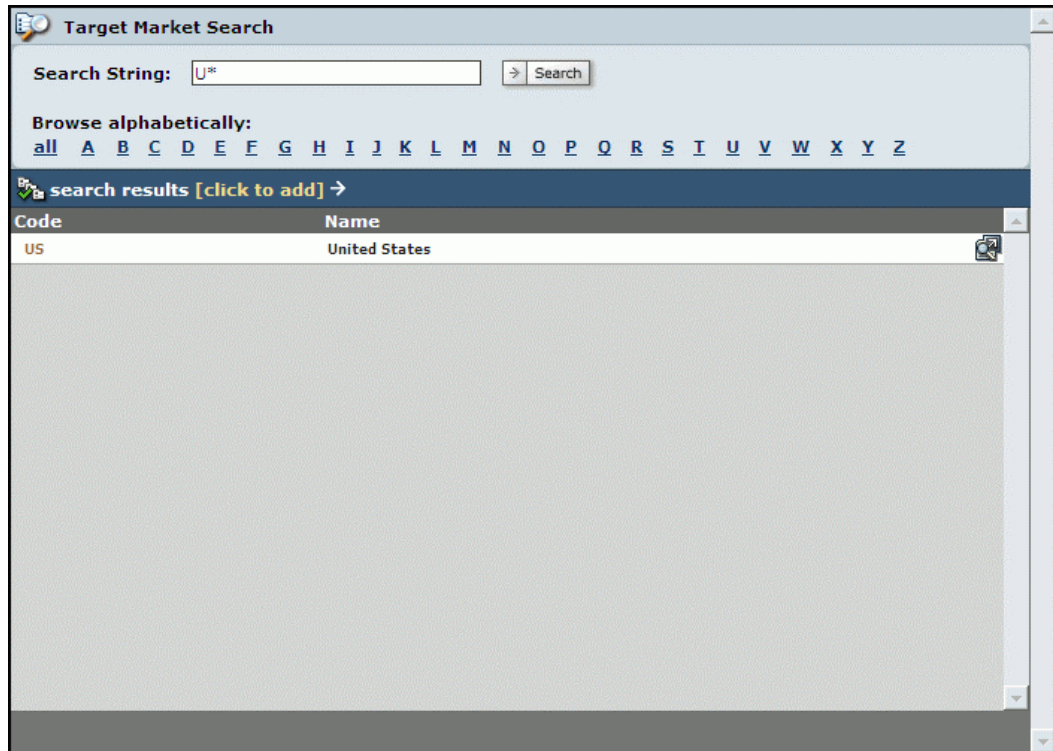
The screenshot shows the 'WebSphere Product Center' interface. At the top, there are navigation tabs: Home, Manage Publication, Manage Subscription, Manage Item, and Manage Partner. Below these are utility links: notifications, create item, edit item, create hierarchy, edit hierarchy, query item, and explore. The main header indicates 'Explore → Items' and the date 'Wednesday, November 17, 2004'. There are four sub-tabs: Search Item, Browse Item, Item Transaction, and Hierarchy Transaction. The 'Search Item' tab is active, showing a search form with the following fields:

- 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]:

At the bottom of the search form, there is a 'basic' button. Below the search form is a section for 'search results [click item to select] →' which currently displays 'no search results...'.

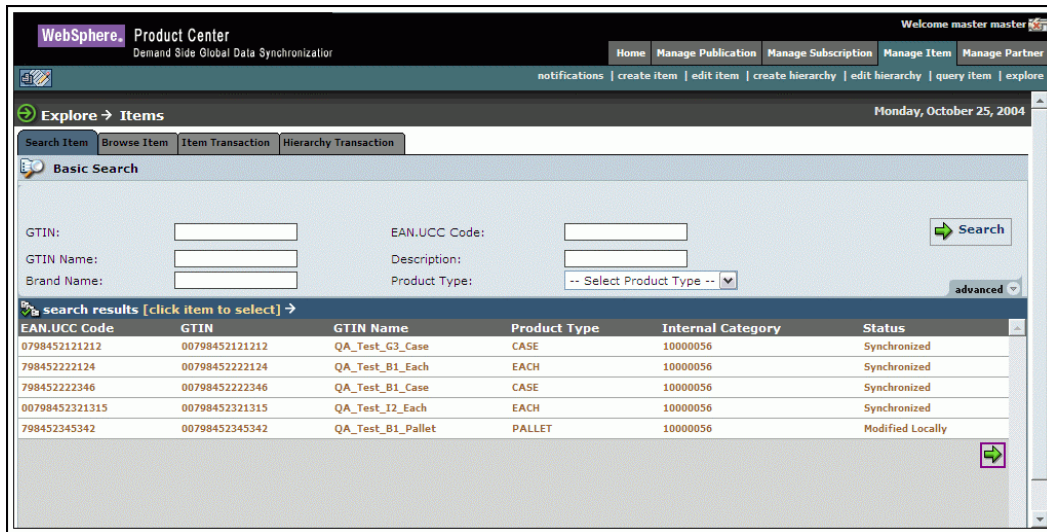
*Search Items - Advanced*

- a. In the **Information Provider [GLN]** field, type the global location number of the information provider.
- b. In the **Target Market** field, click on **add TM**. The Target Market selection screen is displayed.



*Target Market - Search*

- c. 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 **UDEX Category Description** field, type the description of UDEX Category.
  - i. In the **Internal Category Code** field, type the internal Category code.
  - j. In the **Internal Category Description** field, type the description of UDEX Category.
  - k. In the **Manufacturer [GLN]** field, type the global location number of the manufacturer.
  - l. In the **Manufacturer [Name]** field, type the name of the manufacturer.
  - m. From the drop down for **Ordering Unit Indicator**, select **Yes, No**
4. Click **Search**. The search results are displayed in the **search results** area.



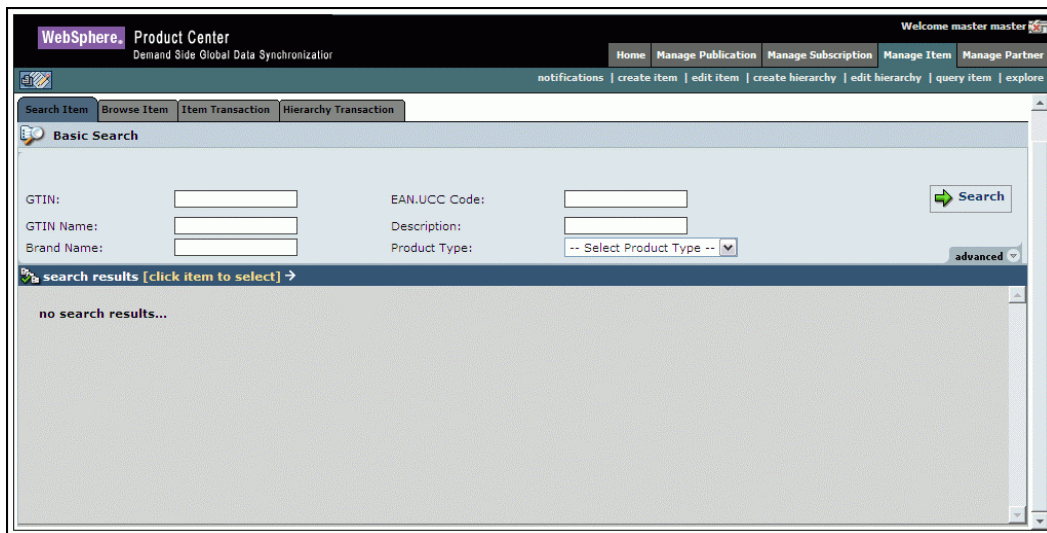
Search Items – Search Results

## Browse Items

You can browse for an item according to the internal classification.

To browse for an item through internal classification:

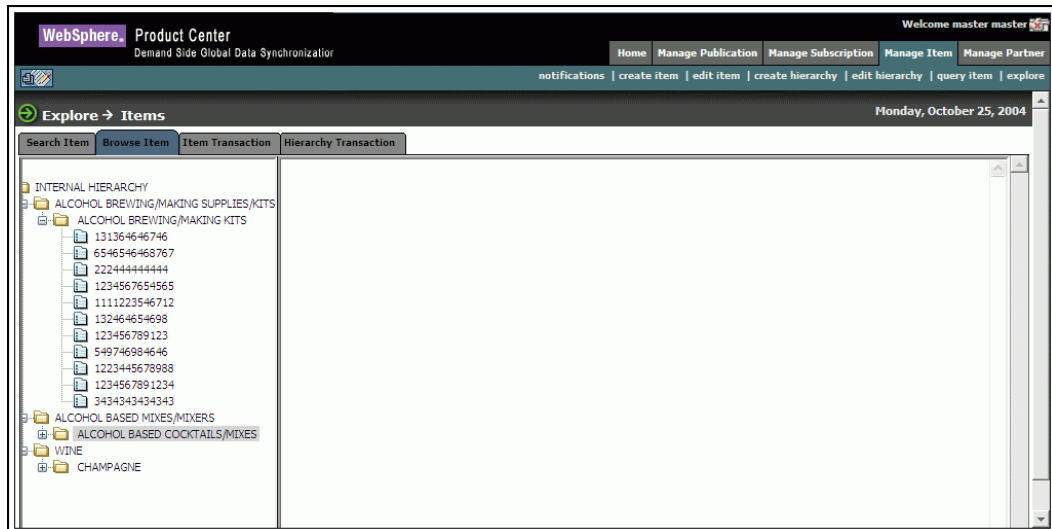
1. In the *Manage Item* tab view, click on the **explore** link. The *Explore Items* page is displayed.



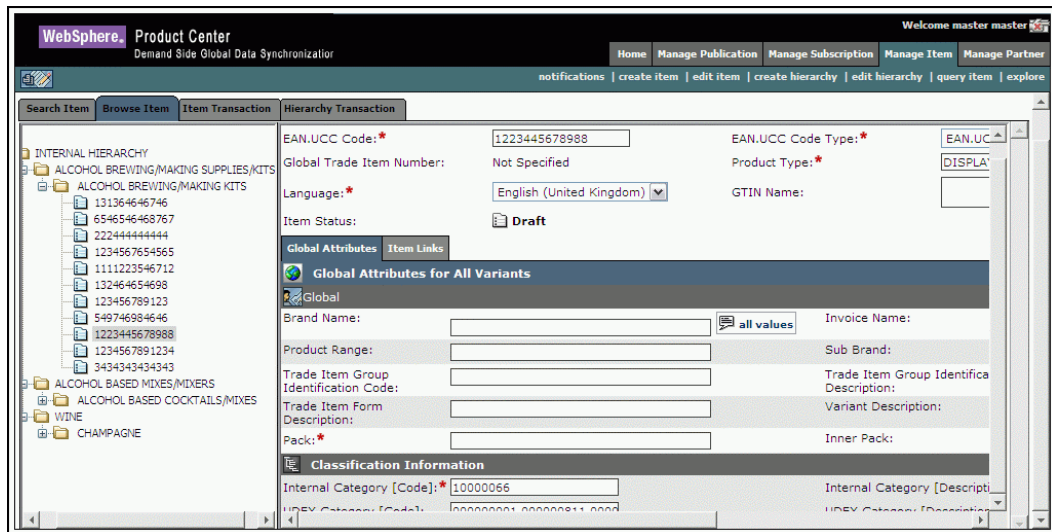
Manage Item - Explore

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

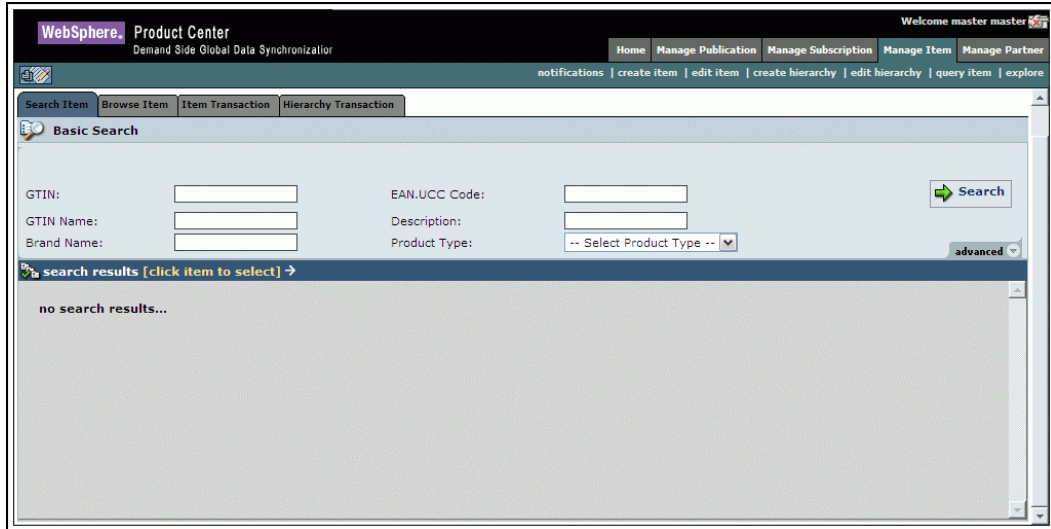


*Browse Items by Internal Classification*

## Search Item Transactions

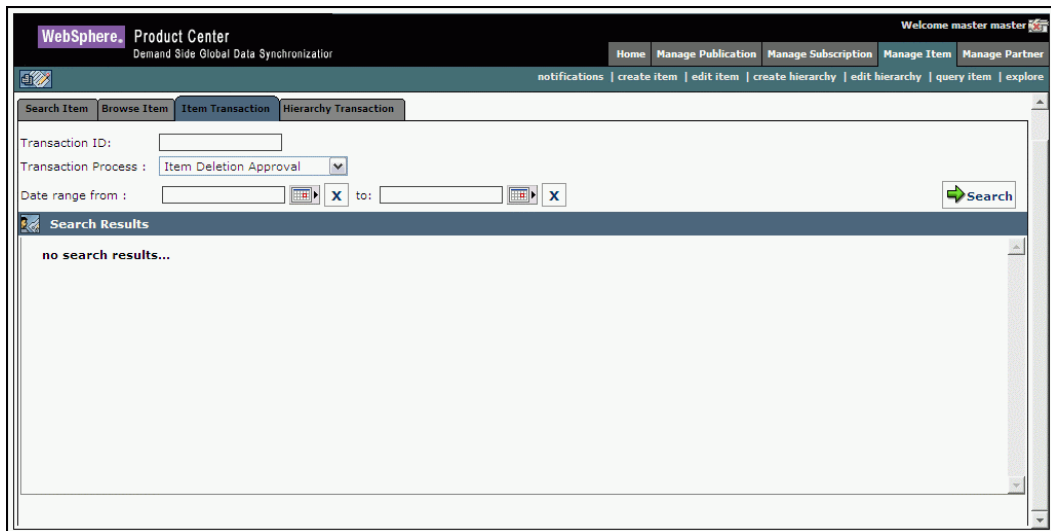
To search for item transactions:

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.

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 Monday, October 25, 2004

Search Item Browse Item **Item Transaction** Hierarchy Transaction

Transaction ID:

Transaction Process:

Date range from:  to:

**Search Results**

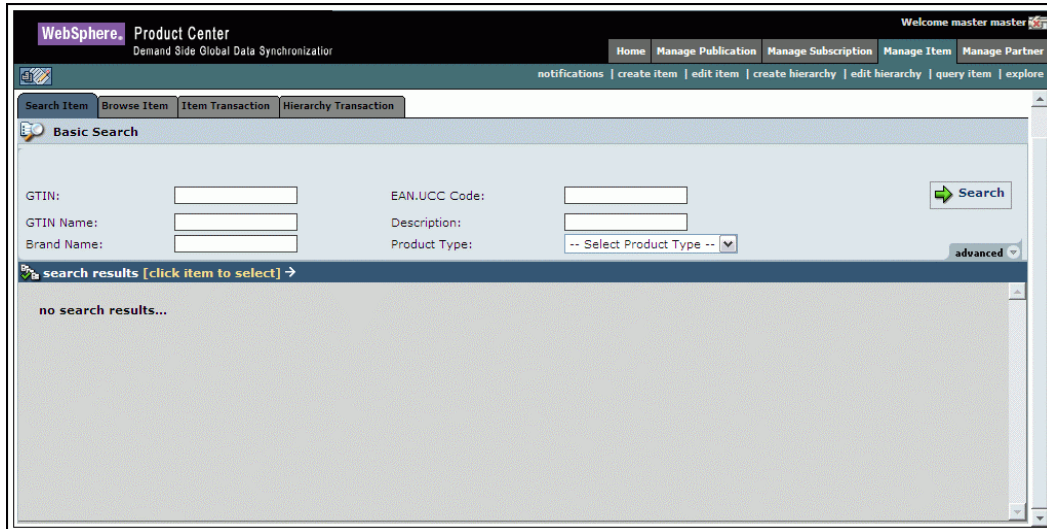
Transaction ID	Type	GTIN	Transaction Date	Status	View Details
UCCNet_0000000666	Item Deletion Approval	12345678912343	10/24/2004	Modified Locally	
UCCNet_0000000657	Item Deletion Approval	23423423423422	10/24/2004	Modified Locally	
UCCNet_0000000630	Item Deletion Approval	34534534534535	10/21/2004	Modified Locally	
UCCNet_0000000630	Item Deletion Approved	34534534534535	10/21/2004	Deleted Locally	
UCCNet_0000000666	Item Deletion Rejected	12345678912343	10/24/2004	Modified Locally	
UCCNet_0000000657	Item Deletion Rejected	23423423423422	10/24/2004	Modified Locally	

*Item Transactions – Search Results*

## Search Hierarchy Transactions

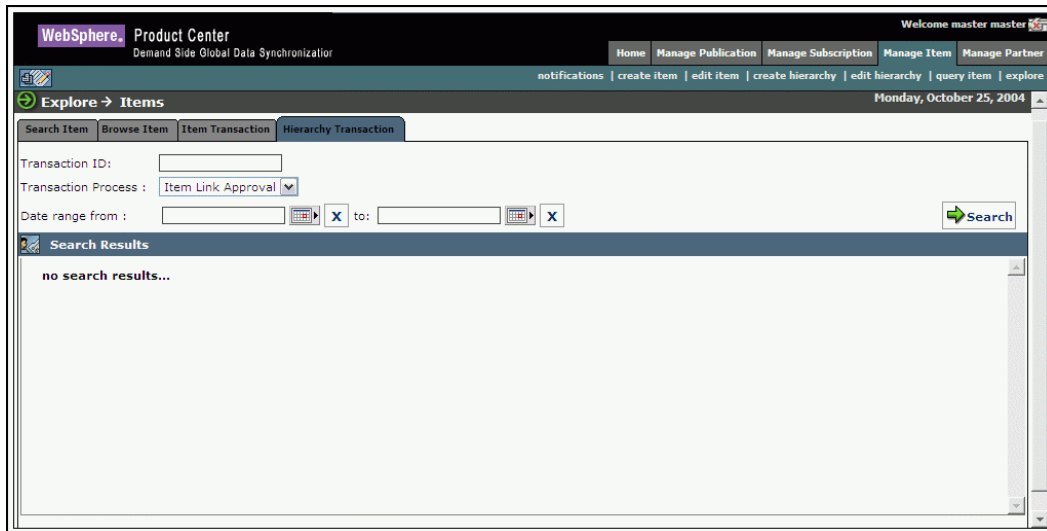
To search for hierarchy transactions:

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



*Search Items*

2. Click on the **Hierarchy Transaction** tab. The *Hierarchy Transaction* tab view is displayed.

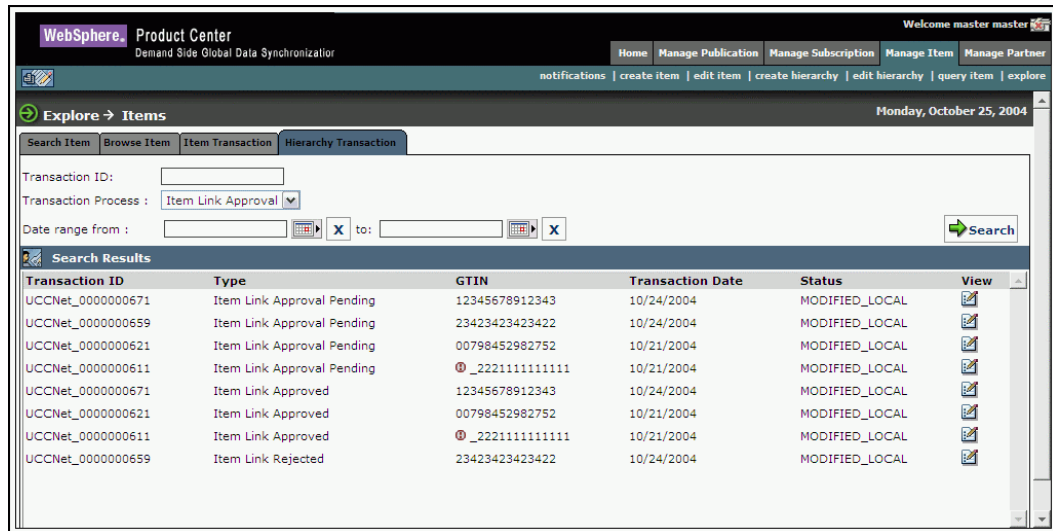


*Search Hierarchy Transaction*

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.



*Hierarchy Transaction – Search Results*

## Search for Trading Partners

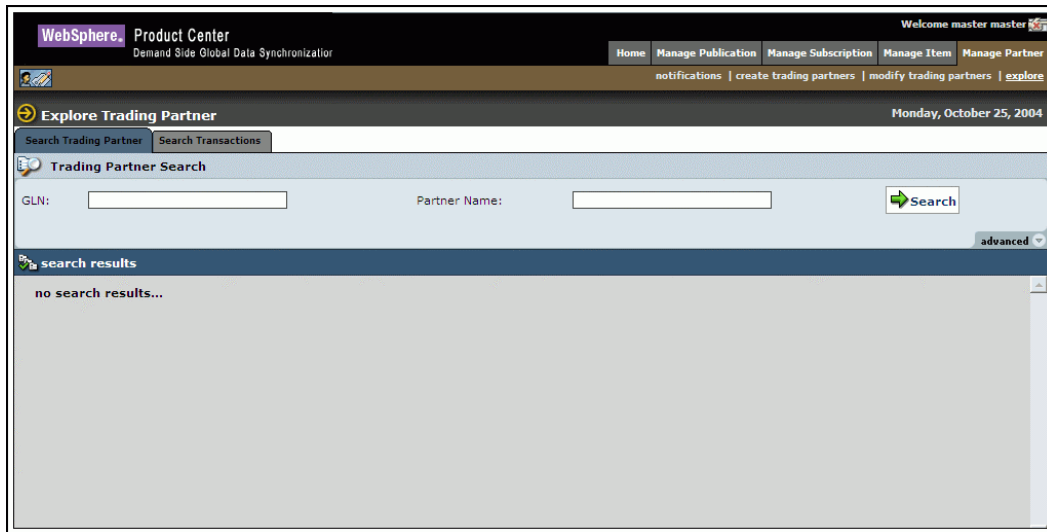
You can perform the following:

- [Search Trading Partners](#)
- [Search Transactions](#)

## Search Trading Partners

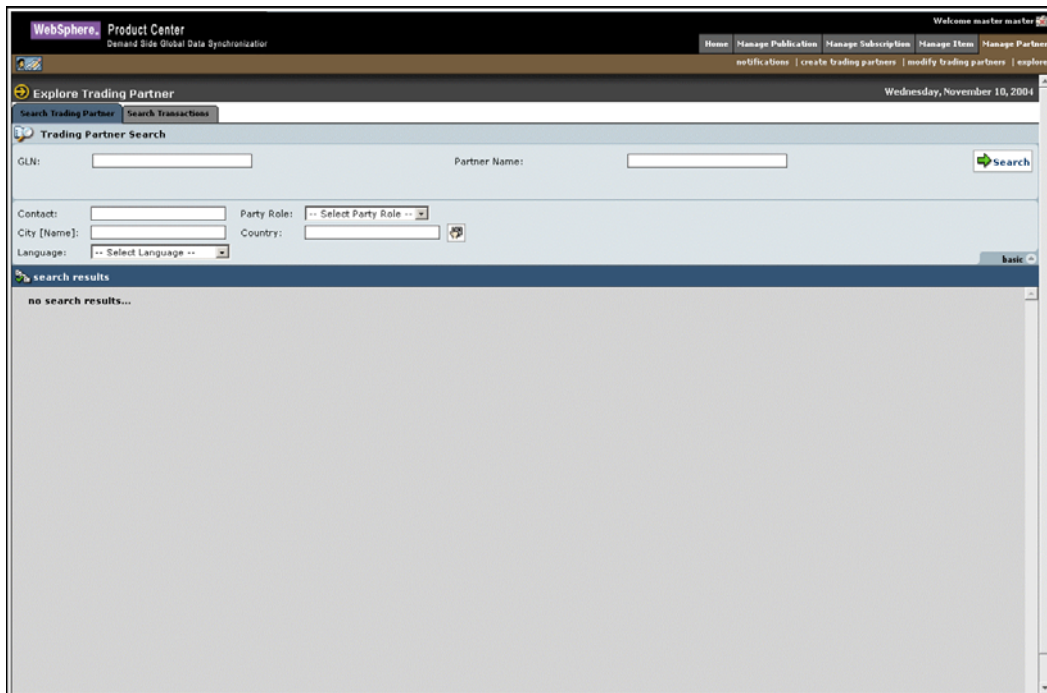
To search for trading partners:

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*

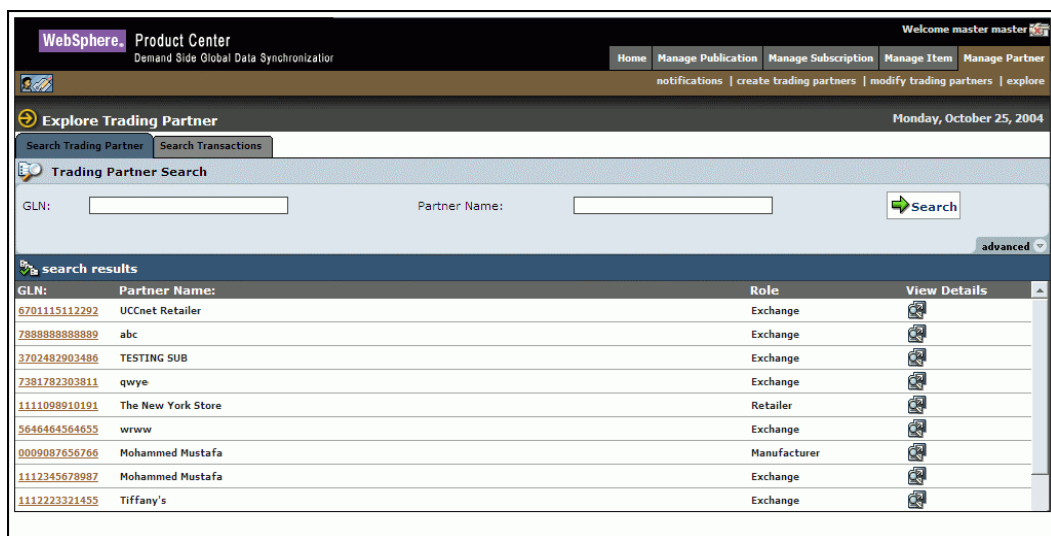
2. You can type search parameters in any or all the following fields:
  - a. In the **GLN** field, type the GLN of the trading partner.
  - b. In the **Partner Name** field, type the name of the trading partner.
  - c. For a more detailed search, click **advanced**. Additional fields where you can type 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 'Explore Trading Partner' section of the WebSphere Product Center. It features a search interface with two input fields: 'GLN:' and 'Partner Name:'. A 'Search' button is located to the right of these fields. Below the search area, there is a 'search results' section containing a table with the following data:

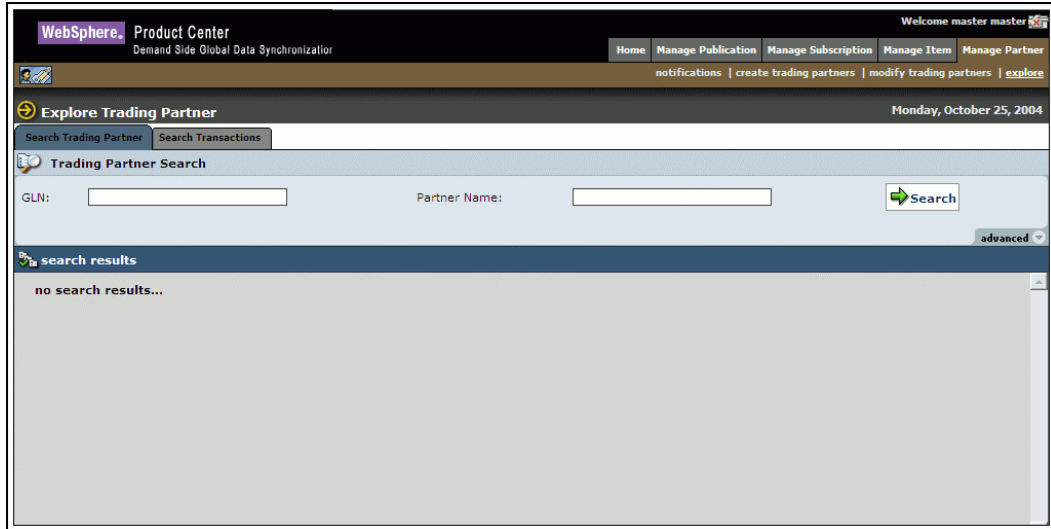
GLN:	Partner Name:	Role	View Details
6701115112292	UCCnet Retailer	Exchange	
7888888888889	abc	Exchange	
3702482903486	TESTING SUB	Exchange	
7381782303811	qwye	Exchange	
1111098910191	The New York Store	Retailer	
3646464564655	wrww	Exchange	
0009087656766	Mohammed Mustafa	Manufacturer	
1112345678987	Mohammed Mustafa	Exchange	
1112223321455	Tiffany's	Exchange	

*Trading Partners – Search Results*

## Search Transactions

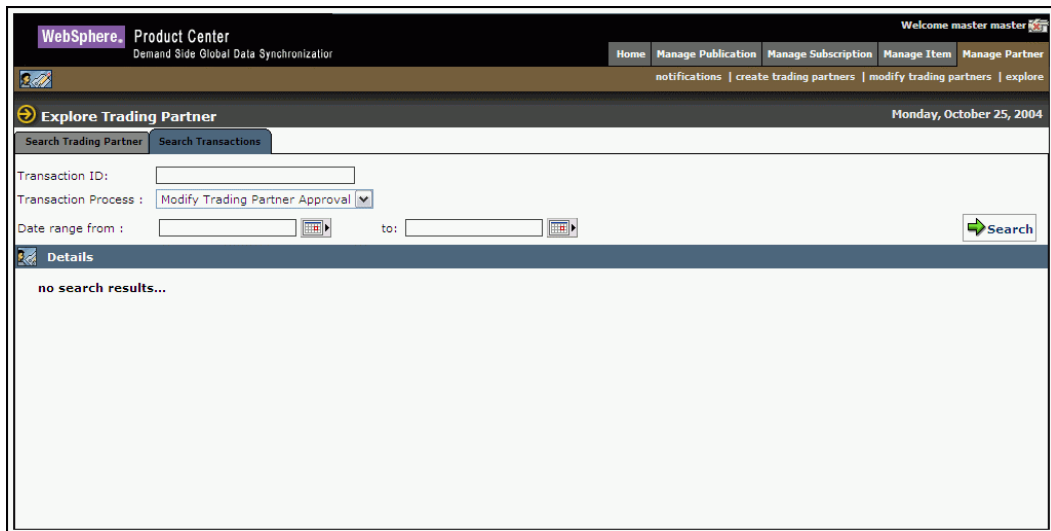
To search for transactions related to trading partners:

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 :

Date range from :  to:

Details

Transaction ID	Type	GLN	Date	Status	View Details
UCCNet_0000000678	Modified Trading Partner Approved	233333333339	10/24/2004	Approved	
UCCNet_0000000678	Modified Trading Partner Approved	233333333339	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

For more information on roles, refer to *Appendix B – Sample Scenarios-demand side* 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.

<b>Error Message</b>	<b>Description</b>
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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