



IBM Global Data Synchronization for WebSphere Product Center
Version 1.2

User Guide – Demand Side

(UCCnet support)

Note: Before using this information and the product it supports, read the information in “Notices” on 88.

29 July, 2005

This edition of this document applies to IBM Global Data Synchronization for WebSphere Product Center, version 1.2, 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
- Customization Guide
- Release Notes

Typographic Conventions

This document uses the following conventions:

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

Terms and Acronyms

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

Term/Acronym	Description
	and the last digit is the check digit.
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.

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

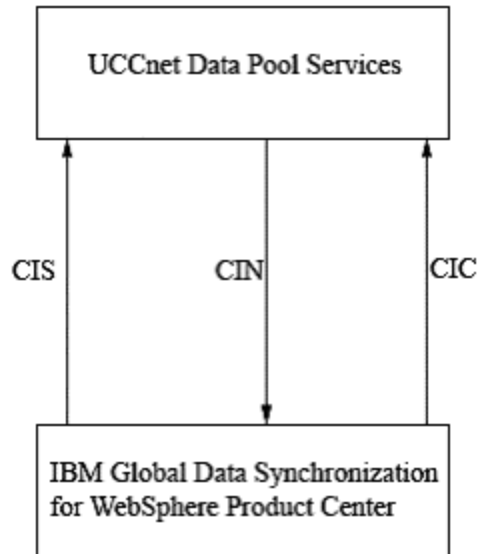
The IBM Global Data Synchronization for WebSphere Product Center enables the demand side trading partner (retailer) to perform key business functions. These include:

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

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

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.

After receiving a CIS message, the UCCnet data pool services processes the CIS and updates its worklist with Catalog Item Notifications (CIN), with the subscription criteria. The types of Catalog Item Notifications are:

- Initial Load publication
- New Item Publication
- Item Change Publication
- Item DeList Publication
- Item Withdraw Publication

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

Ch 2 Getting Started

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

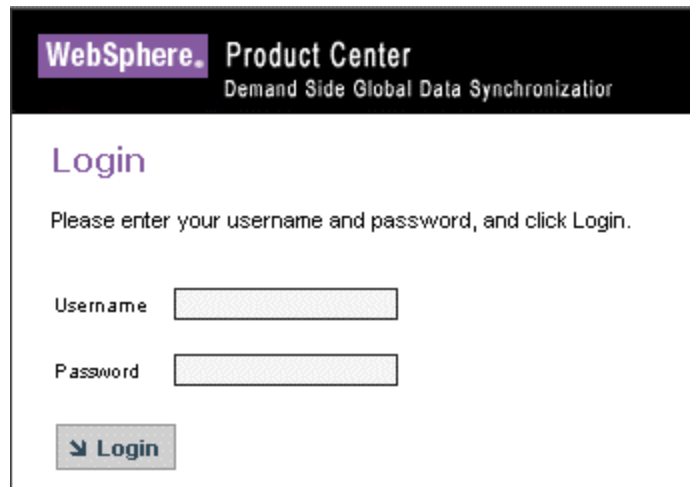
Topics include:

- [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.



Login

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

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

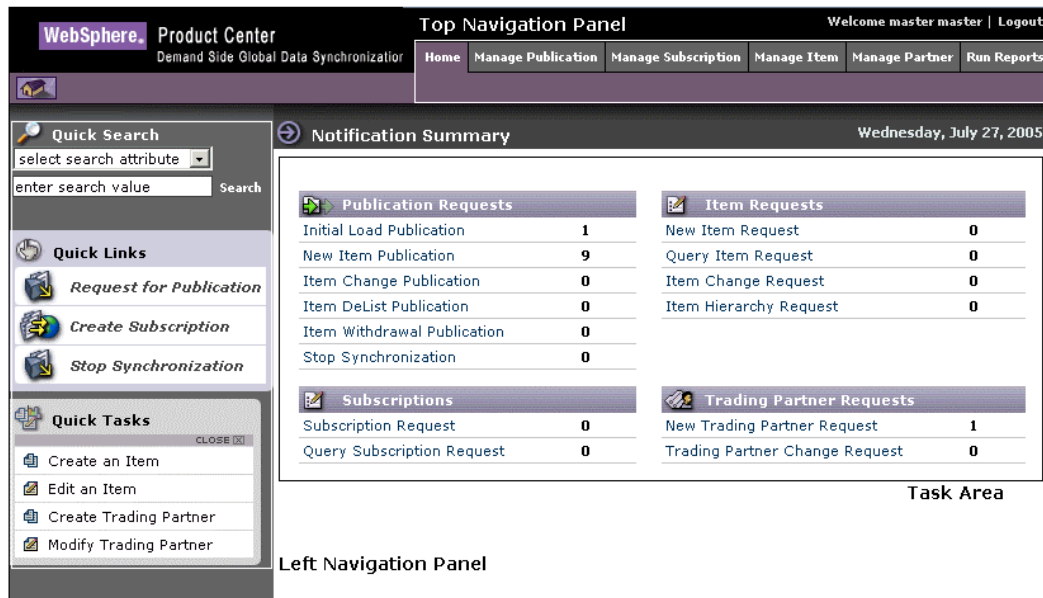
Each segment provides you with several methods that allow you to access various pages and views.

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
	Refresh Icon	Use this icon to refresh the list of notifications displayed on the notification pages.
	Dismiss icon	Use this icon to dismiss a notification.
	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

Icon	Name	Description
	Temporary GTIN icon	providers. 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.
	Next Step	Use this icon to move to the next step.
	Previous Step	Use this icon to move to the previous step.

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.

The screenshot shows the WebSphere Product Center interface. The top navigation bar includes 'Home', 'Manage Publication', 'Manage Subscription', 'Manage Item', 'Manage Partner', and 'Run Reports'. The main content area is titled 'Notification Summary' and displays a table of notification counts as of Wednesday, July 27, 2005.

Publication Requests		Item Requests	
Initial Load Publication	1	New Item Request	0
New Item Publication	9	Query Item Request	0
Item Change Publication	0	Item Change Request	0
Item DeList Publication	0	Item Hierarchy Request	0
Item Withdrawal Publication	0		
Stop Synchronization	0		

Subscriptions		Trading Partner Requests	
Subscription Request	0	New Trading Partner Request	1
Query Subscription Request	0	Trading Partner Change Request	0

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.

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](#)
- [Mass Publication](#)
- [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.

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

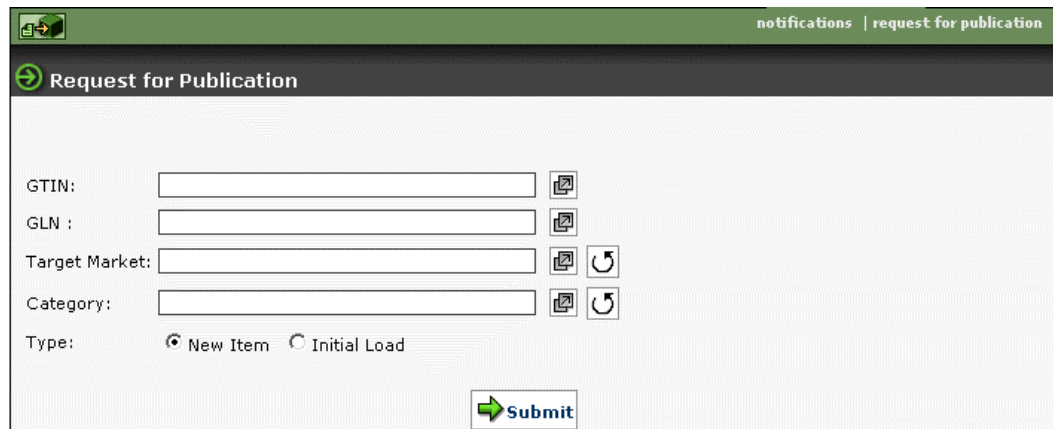
Notifications that are for information only can be viewed and deleted. To remove the notification from the list, click on the **Dismiss**  icon.

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. Go to **Manage Publication>Request for Publication**. The *Request for Publication* page is displayed.



Request for Publication

2. You can type values in the following fields.

Note: There are specific combinations of values that can be specified in order to request for a publication. You can request for a publication by submitting any of the following combination of values:

- A valid GTIN
 - A valid GLN
 - A valid Category Code
 - A valid combination of Category Code + GLN
 - A valid combination of GTIN+GLN+TM
- 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 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

Category Code	Category Description
000000001.000000164.000000939	VERMOUTH
000000001.000000002.000000012	ALCOHOL BASED COCKTAILS/MIXES
000000001.000000164.000000805	SHERRY
000000001.000000164.000000962	WINE - FORTIFIED OTHER
000000001.000000164.000001100	WINE - NON GRAPE
000000001.000000164.000000965	WINE - SPARKLING

Browse Category

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.

3. Click **Preview** to preview the details of the publication. A screen showing the details you have entered is displayed.
4. Click **Submit**. A message "Request for notification submitted" is displayed on the same page.

Stop Synchronization

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

To stop synchronization:

1. Click on the **Manage Publication > Stop synchronization**. The *Stop Synchronization* page is displayed.

Stop Synchronization

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

Stop Synchronization - Search

3. 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.
4. 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.
- 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”

Mass Publications

You can publish multiple items as new item or initial load using the mass publications feature.

To mass publish an item:

Go to **Manage Publications>Mass Publication**. The search page is displayed.

Search and mass review

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

From the search results select the items that you want to mass publish.

Once the items are published, individual notifications are sent for each item, for the items to be enriched.

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:

- Go to **Manage Publication>Notifications**. 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.

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 publication. No message will be sent to UCCnet data pool services and the notification will be deleted.
5. The initial load passes through three levels of validation:
 - a. User level validation
 - b. System level validation
 - c. Data Pool level validation.

The user defined validations are configured through scripts written in WebSphere Product Center and can be configured by the system user.

The system level validations are performed by default for every initial load publication.

The data pool validations are the validation errors that are received from the data pool [UCCnet] along with the published message.

If the new item publication fails validation, you can send the publication for a revalidation. To revalidate, click the **Revalidate** button after making appropriate changes in the system.

6. Click **Cancel** to exit the page.

To approve an initial load item:

1. Go to **Manage Publication>notifications**. 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.
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 and has been approved:

1. Go to **Manage Items>notifications**. Click on **Item Change Request** tab. Click on the initial load enrichment ending message for the trade item that you want to enrich. The details of the item are displayed.
2. Enter the values for various fields under the **Global attributes** tab.

- Under the variant attributes tab, enter the values for fields under the various tabs. These tabs are displayed with respect to the attribute collection and security configuration.

Variant Attribute tabs

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*

- When you have finished the enrichment click **Done**. Only when all items in the publication are enriched, an Initial Load Publication Pending Internal Synchronization notification is sent to appropriate user(s).
- 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:

- Go to **Manage Publication>notifications**. The *Initial Load* tab view is displayed.
- Click on the notification “Initial Load Publication Synchronization Pending”. The details of the item are displayed.
- 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.

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.

- Validation of the publication
- Mapping new item to an internal classification
- New item approval
- Item enrichment
- Item synchronization

Validation of the publication

The new item publication passes through three levels of validation:

- a. User level validation
- b. System level validation
- c. Data Pool level validation.

The user defined validations are configured through scripts written in WebSphere Product Center and can be configured by the system user.

The system level validations are performed by default for every new item publication.

The data pool validations are the validation errors that are received from the data pool [UCCnet] along with the published message.

If the new item publication fails validation, you can send the publication for a revalidation. To revalidate, click the **Revalidate** button after making appropriate changes in the system.

Mapping new item to an internal classification

To map a new item to an internal classification:

1. Click on the **Manage Publication** link. The *Notifications* page is displayed.
2. In the *New Item publication* tab view, click on a notification that has “Category Mapping Pending” status. The *Assign New Item to Category* page containing the details of the item is displayed.

Publication Notifications → Assign New Item to Category

Task: Map Item Classifications
Date: Wednesday, 20 July 2005 02:45 PM IST
Status: New

EAN.UCC Code: * 786786786786 EAN.UCC Code Type:
Product Type: * BASE UNIT OR EACH GTIN Name:

Classification Information

Internal Category [Code]: *
UDEX Category [Code]: * 000000001.000000002.0000
GPC Category [Code]: 10000591

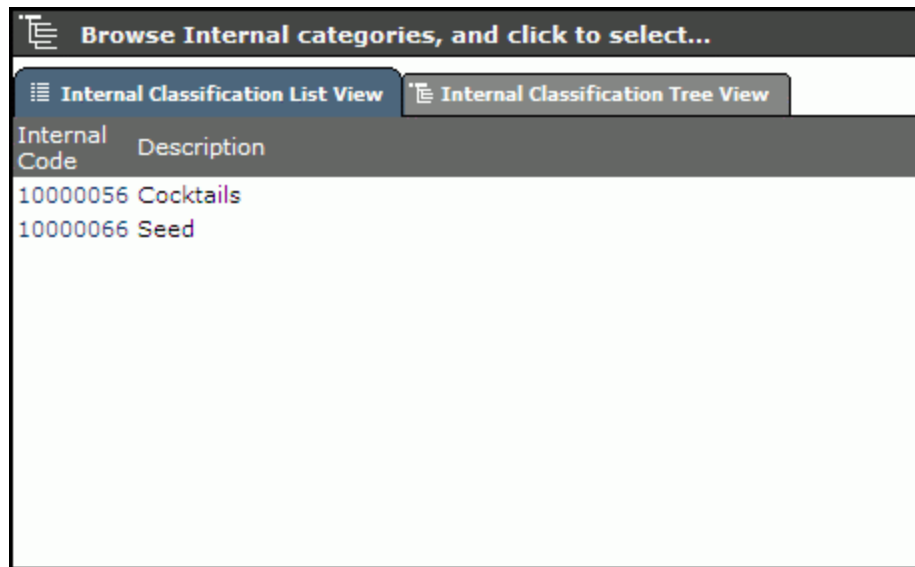
Item Links

Product Hierarchy Information

55555555555555

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.

➔ Publication Notifications → Assign New Item to Category

Task: Map Item Classifications
 Date: Wednesday, 20 July 2005 02:45 PM IST
 Status: New

EAN.UCC Code: * EAN.UCC Code Type:
 Product Type: * GTIN Name:

☰ Classification Information
edit
← view full item detail

Internal Category [Code]: *
 UDEX Category [Code]: *
 GPC Category [Code]:

🔗 Item Links

📦 Product Hierarchy Information

📦
EACH

55555555555555

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>New Item Publication* tab.

Note: The above screen will have variations depending upon the classification scheme set in gds.properties [Internal, UDEX or GPC].

If the classification scheme is set to internal, then the above screen holds good

If the classification scheme is set to UDEX, then only UDEX and GPC Code are displayed.

Approving a New Item Publication

1. Click on the **Notifications** link under the **Manage Publication** tab view. In the *New item Publications* tab view, click on the “New item Publication Approval Pending” notification. The *Approve New item Publication* screen containing the details of the item is displayed.
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. A single notification for each of the item in the New Item Publication will be sent.

Enriching a new Item.

To enrich a new item:

1. Go to **Manage Item>notifications**. Click on the **Item Change Request** tab. The *Item Change Request* tab view is displayed.
2. Click on the item with the status as “New Item Publication Enrichment Pending”. The *Enrich Item attributes from New Item Publication* containing the details of the item is displayed.
3. Enter the values for various fields under the **Global attributes** tab.
4. Under the **Item links** tab you can view the hierarchy existing for that particular item. You cannot edit the item links.
5. Under the variant attributes tab, enter the values for fields under the various tabs. These tabs are displayed with respect to the attribute collection and security configuration.

Variant Attribute tabs

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*

6. 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).

7. If you have not completed the enrichment and you want to save the item, click **Save**.
8. Click **Cancel** to exit without making any changes.

Synchronizing an New Item Publication

To synchronize a New Item Publication:

1. Under the *Manage Publication* tab view, click on **New Item Publication** tab. The *Item Change Request* tab view is displayed.
2. Click on the notification “New Item Publication Synchronization Pending”. The details of the item are displayed.
3. You can view the details of item under the **Global Attributes, Item Link and 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 Change Publication notification

When a changed item is published by the supplier, a notification “Item change approval pending” is displayed under the **Item Change Publication** tab if the publication has passed the validation process. 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.
2. Click on the notification “Item change approval pending”. The *Approve Item Change* page is displayed containing the details of the published item and the old item in the system is displayed.
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**. “Item Change Publication Enrichment pending” notifications are sent to the appropriate user(s) for each item in the publication. 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.
2. Click on the notification “Item Change Publication Enrichment Pending”. The details of the item are displayed. The *Approve Item Change>Item Change Publication Enrichment Pending* page containing the details of the item are displayed.
3. Enter the values for various fields under the **Global attributes** tab.
4. Under the *Item Links* tab view the hierarchy existing for that particular Item is displayed.
5. Under the variant attributes tab, enter the values for fields under the various tabs. These tabs are displayed with respect to the attribute collection and security configuration.

Variant Attribute tabs

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 Publication->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.
2. Click on the notification “Internal Synchronization Pending for Item Change Publication”. The *Approve Item Change> Internal Synchronization Pending for Item Change Publication* containing the details of the item is displayed.
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.

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.
2. Click on the “Item DeList Review Publication Pending” notification. The *Review Item DeList>Approve Item De-List* page containing the details of the publication is displayed.
3. When an item is delisted, all the child links and the parent links for that particular item will be delisted.
4. Click **Acknowledge** to accept the delist publication. A message is sent to UCCnet data pool services rejecting any more publications for that particular item.
5. Click **Ignore** to ignore the delist notification. The notification will be deleted and no message will be sent to UCCnet data pool services.
6. Click **Cancel** to go back to the notification screen.

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

To review a failed Delist publication

1. Click on the **Notifications** link under the **Manage Publication** tab. Click on the **Item DeList Publication** tab. The *Item DeList Publication* tab view is displayed.
2. Click on the “Review Incorrect Item Delist Publication” notification. The *Delist Validation Failed* page containing the details of the publication is displayed.
3. Click **Review Done** to complete the review. A validation failed message is sent to UCCnet data pool services with the failure details.
4. Click **Ignore** to ignore the delist notification. The notification will be deleted and no message will be sent to UCCnet data pool services.
5. Click **Cancel** to go back to the notifications screen.

Processing an Item Withdraw Publication

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

To review an Item withdrawal Publication:

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

1. Click on the **Notifications** link under the **Manage Publication** tab. Click on the **Item Withdraw Publication** tab. The *Item Withdrawal Publication* tab view is displayed.
2. Click on the “Item Withdrawal Publication Review Pending” notification. The details of the publication are displayed.
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.
2. Click on the “Review Incorrect Item Withdraw Publication” notification. The details of the publication are displayed.
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.

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 *Manage Subscription>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.

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 **Dismiss**  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 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.

The screenshot shows a web form titled "Create Subscription". Below the title is an information icon and the text "Specify subscription details and click on Create Subscription to create the subscription." The form contains five input fields, each with a "Lookup" icon to its right. The fields are: "Recipient [GLN]:*" (with a red asterisk), "GTIN: *" (with a red asterisk), "Target market: *" (with a red asterisk), "Category: *" (with a red asterisk), and "Data Source [GLN]:". Between the "GTIN" and "Target market" fields, and between the "Target market" and "Category" fields, the word "Or" is centered. At the bottom of the form are two buttons: "Create Subscription" and "Cancel".

Manage Subscriptions – Create Subscription

Note: All fields marked * are mandatory.

2. Specify the recipient GLN number. Using the **Lookup** icon select the GLN who is supposed to receive the subscription.
3. 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

Browse category tree, and click to select...

Select Category

Category List View

Category Code	Category Description
000000001.000000164.000000939	VERMOUTH
000000001.000000002.000000012	ALCOHOL BASED COCKTAILS
000000001.000000164.000000805	SHERRY
000000001.000000164.000000962	WINE - FORTIFIED OTHER

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.
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.

➔ **View Subscription**

Recipient [GLN]:	<input type="text" value="TEST_GLN"/>	
GTIN:	<input type="text" value="00798452666782"/>	
	Or	
Target market:	<input type="text"/>	
	Or	
Category:	<input type="text"/>	
Data Source [GLN]	<input type="text"/>	

Save
 Submit For Approval
 Delete
 Cancel

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
6. Click **Save**, to save a draft of the subscription without submitting it for approval.
7. Click **Delete** to delete the subscription.
8. Click **Cancel** to return the previous screen. The subscription will not be saved.

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.

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 “Subscription Rejected” is sent to the appropriate users(s).
4. The notifications are displayed in the *Subscription Request* tab view.

Add a subscription to the Data Pool

To add a subscription to the data pool:

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

Manage subscriptions – Edit Subscriptions

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

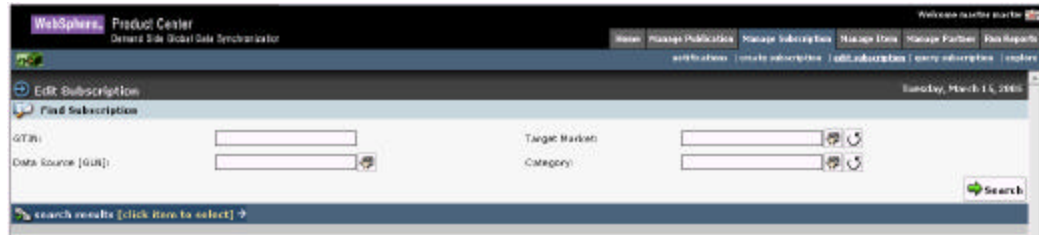
Note: Only subscriptions that have been approved status can be submitted to the data pool.

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*.
3. From the list of subscriptions choose the subscription that you want to edit. The details of the subscription are displayed.
4. 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.
5. Click **Delete** to delete the subscription.
6. Click **Save** to save the changes without submitting for approval.

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.
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 user(s).
6. The notifications are displayed in the *Subscription Request* 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.
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.
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.
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.
4. Click on the “Subscription Deletion Approval Pending” notification. The details of the subscription will be displayed.
5. Click **Send Deletion Message**. A deletion message for that particular subscription is sent to UCCnet data pool services.
6. Click **Cancel** to exit without making any changes.

Approve a Deleted Subscription

To approve a deleted subscription:

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

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 the **Manage Subscription** 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 Request* tab view.

Explore Subscriptions

For information about performing a search for subscriptions 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

To view the list of notifications for each, go to **Manage Item > Notifications** and click on the corresponding tab. The *New Item Request* tab view is displayed by default.

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:

In the *Home* page, click on the **Manage Item > Create Item** tab. The *Create Item* page is displayed.

The screenshot shows a web form titled "Create New Item" with a date "Tuesday, July 12, 2011" in the top right corner. The form contains several input fields and dropdown menus. The top section includes: "EAN.UCC Code Type" (dropdown menu with "-- Select EAN.UCC Code Type --"), "EAN.UCC Code" (text input), "GTIN" (text input), "GTIN Name" (text input), "Core Extensions" (dropdown menu with options: FMCG, Hardlines, Lowes), and "Product Type" (dropdown menu with "-- Select Product Type --"). Below this is a section titled "Classification Information" which contains six fields: "UDEX Category [Code]", "UDEX Category [Description]", "Internal Category [Code]", "Internal Category [Description]", "GPC Category [Code]", and "GPC Category [Description]". Each description field has a small "edit" button next to it. At the bottom of the form are two buttons: "Create GTIN" and "Cancel". A red asterisk and the text "Required Field" are located in the bottom right corner of the form area.

Manage Item – Create New Item

1. From the **EAN.UCC Code Type** drop-down menu, select the EAN.UCC code type.
2. In the **EAN.UCC Code** field, type the EAN.UCC code.
3. In the **GTIN** field, type the Global Trade Item Number of the item.
4. In the **GTIN Name** field, type the name of the trade item.
5. From the list of **Core Extensions** choose the core extension type. The various core extensions are FMCG, Hardlines, Lowes and Office Supplies.

6. 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.

7. 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

- Datapool Category(UDEX)
- Internal 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.

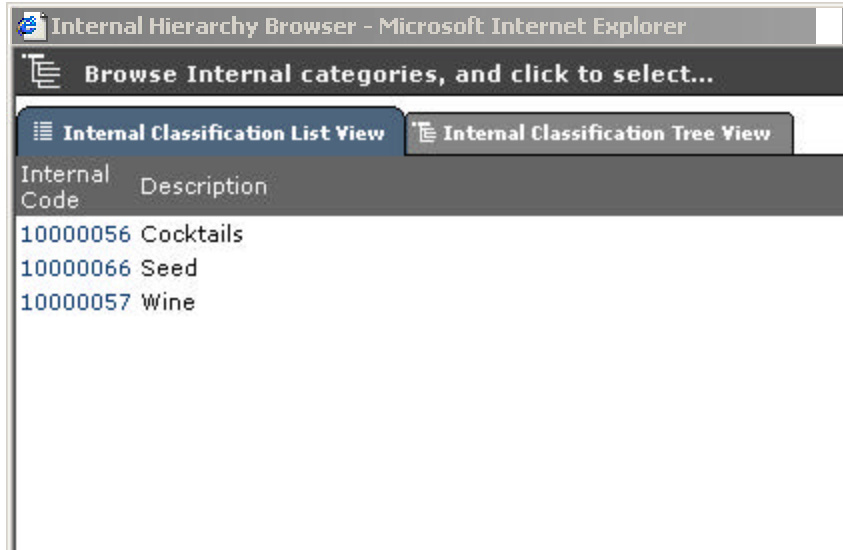
- Internal Category (which will be the UDEX Category)
- GPC

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 (which will be set to GPC)
- Data Pool category (UDEX category)

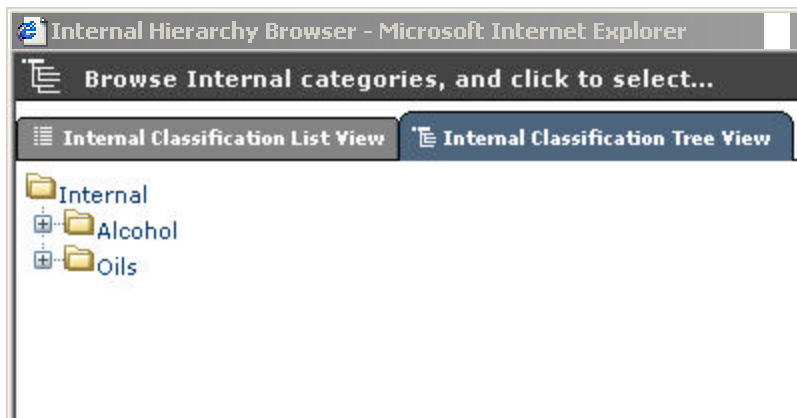
To specify the code:

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

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.

9. There are two tabs displayed in this screen.

Global Attributes tab

Item Links tab

Under the global attributes tab all the global attributes are displayed. 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. The mandatory fields are **Trade Consumer Unit, Base Unit and Pack**. For information about enriching global attributes, refer the section “Enrich Global Attributes for an item”.

10. To send the item for global enrichment, click **Submit Global Attributes For Enrichment**. The notification message “Item Global Attribute Enrichment Pending” is sent to the appropriate user(s) for global enrichment.
11. Click **Delete GTIN** to delete the item that is created.
12. Click **Save GTIN** to save the GTIN without submitting it for 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.

Enter the values in the various fields. The mandatory fields are **Trade Consumer Unit, Base Unit and Pack**. For information about enriching global attributes, refer the section “Enrich Global Attributes for an item”.

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*

2. 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.
3. 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.

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.



Product Hierarchy Information	
Parent [GTIN/s]: *	<input type="button" value="add"/>
GTIN	Name
Children [GTIN/s]: *	<input type="button" value="add"/>
GTIN	Name

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

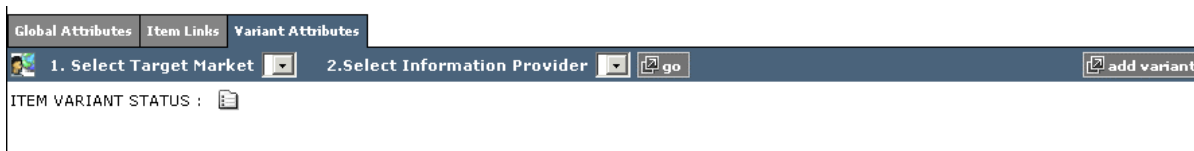
To create a Variant:

1. Go to **Manage Item > Edit Item**. The *Edit Item* page is displayed.
2. Search for the trade item for which you want to create a variant. The search results are displayed in the *search results* area.
3. Click on the GTIN that you want to edit. The details of the GTIN are displayed.

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.

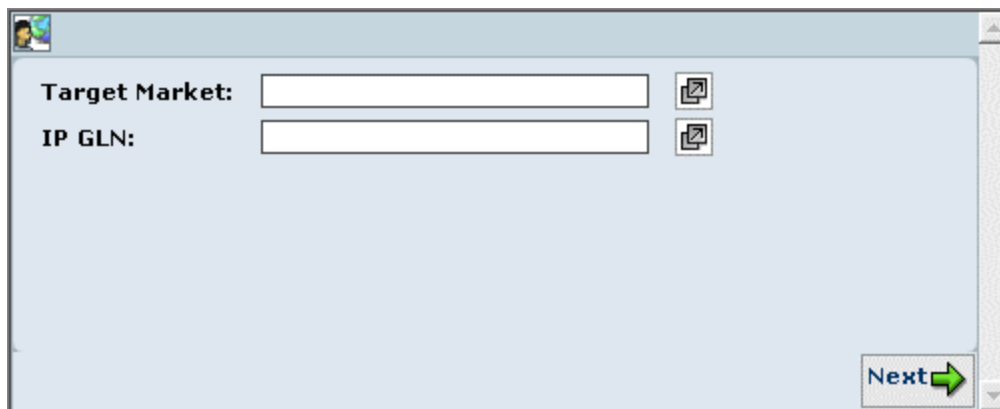
Note: You can submit only those items for variant creation for which the global enrichment is completed. However if the option for global enrichment is turned off then the trade item can be directly submitted for variant creation.

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



Create Item Variant

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



Add Variant

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

Search String:

Browse alphabetically:
[all](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

search results [\[click to add\]](#) →

Code	Name
FR	France
FR-01	Ain
IN	India
US	United States
US-CA	California
US-TX	Texas
US-VA	Virginia

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 **Lookup** 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

GLN: Partner Name:

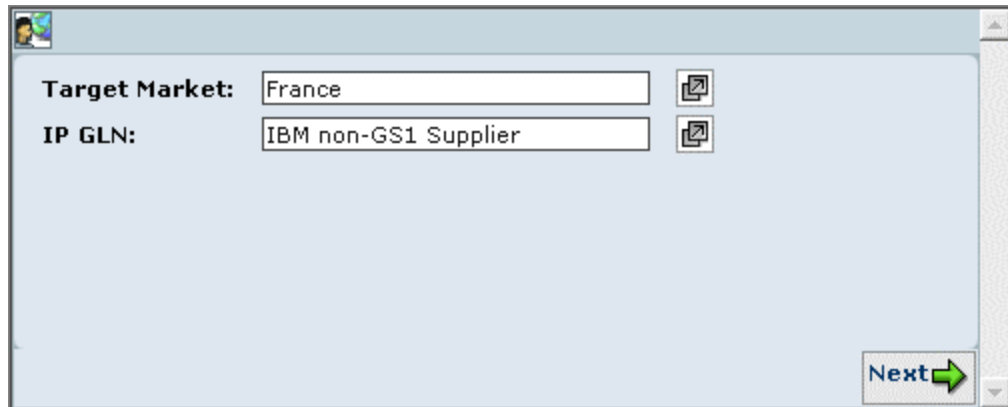
advanced ▾

search results [\[click GLN to add\]](#) →

GLN	Name	Role	View
0821620001013	IBM non-GS1 Supplier	Supplier	
0821620001020	IBM GS1 Supplier	Supplier	
0821620001044	IBM GS1 Retailer	Retailer	
0821620001037	IBM non-GS1 Retailer	Retailer	

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. The screen gets refreshed to display the attributes for the selected target market and information provider. Enter the values in the fields under the various tabs. Click on the **Undo**  icon to clear a field.
11. Click **Save Variant**. All the variant attributes that are entered will be saved. The screen that allows you to submit this variant for enrichment is displayed.
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. Go to **Manage Item>Notifications**. Under the *New Item Request* tab view, click on the notification “Item Variant Attribute Enrichment Pending” for the item that you want to complete enrichment. The *Variant Attributes* tab view is displayed.



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. The attributes for the selected target market and information provider are displayed. 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 item** link. The *Search* page is displayed.
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.

- 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.

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.

Create Item - Submit for Approval

- If the item passes the compliance check an icon success is displayed else an error icon is flashed. If the item does not pass the compliance check one of the reasons could be that all the required fields are not entered. Ensure that all the required fields are entered under all the variant attributes tabs.
- 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:

1. In the *New Item Request* tab view, click on the notification “New Item Approval Pending”. The details of the item are displayed.
2. 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.
3. 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:

1. Go to **Manage Item**> **Edit Item**. The *Edit Item* page is displayed.
2. 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.
3. In the **search results** area, click on the item that you want to edit. The details of that item are displayed.
4. 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.

5. 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, click on the notification “Modify Item Approval Pending” for the item that you want to approve. The details of the notification are displayed.
2. 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 finished creating the GTIN and the message Item created successfully is displayed.

1. Go to **Manage Item > Edit Item**. The *Edit Item* page is displayed.
2. 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.
3. In the **search results** area, click on the item that you want to delete. The details of that item are displayed.
4. 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.
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.

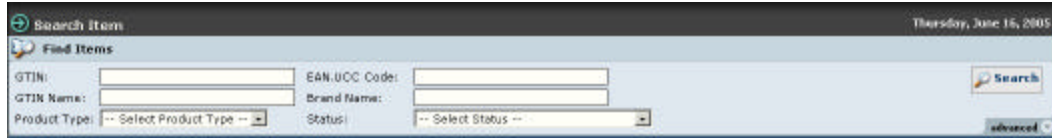
Once items have been created in the system, you can link items to create item hierarchies. This link is a unique relationship where the highest level GTIN in the link will have no parent and the lowest level GTIN will have no children.

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

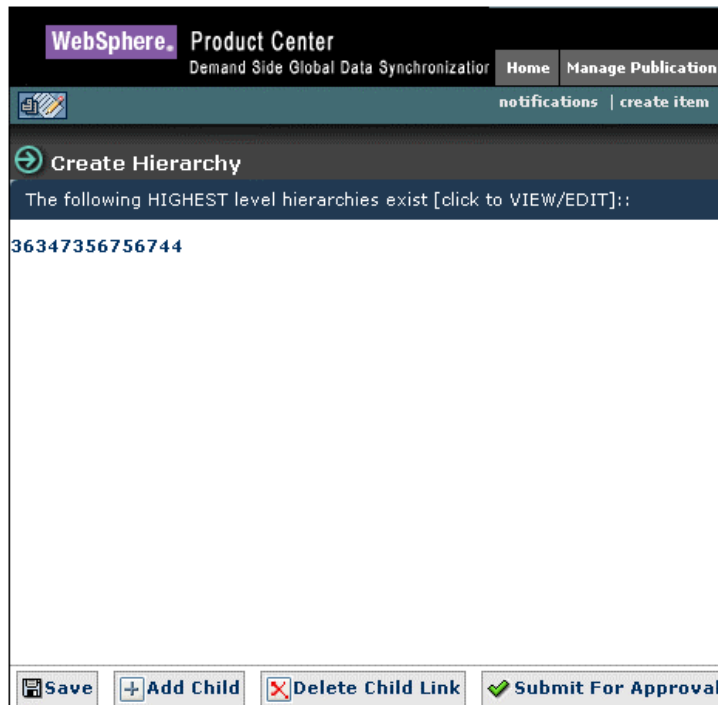
parent of a case and not vice versa). If they are not in the right order, an error message is displayed. After item links are created, it has to be approved by the appropriate user.

To create an item hierarchy:

1. Go to **Manage Item>create hierarchy**. The *Search* page is displayed.

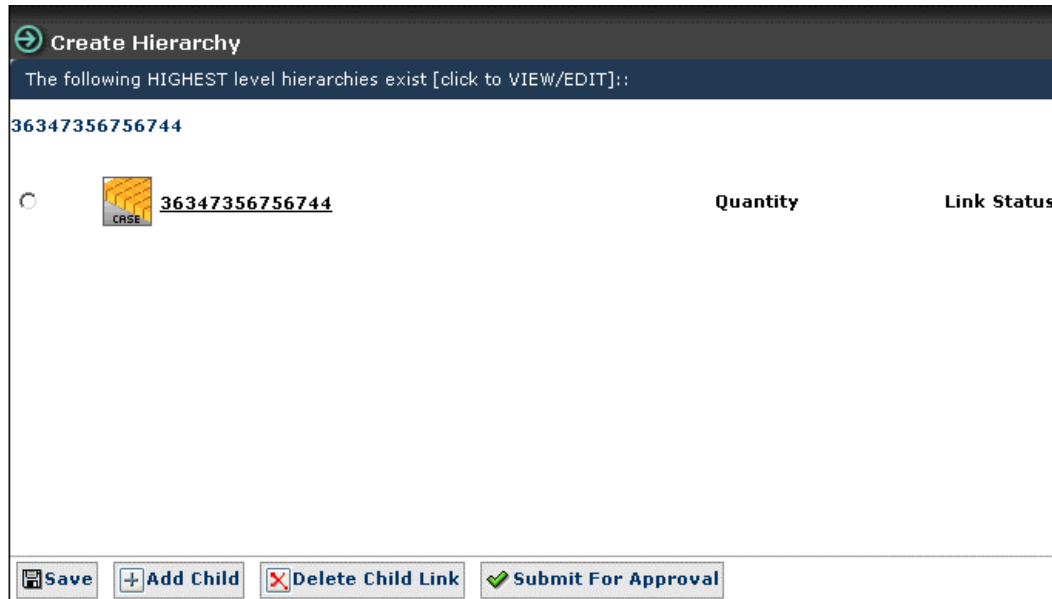


2. Search for the GTIN for which you want to create links. For information about performing a search, refer the Search for Items section in *Chapter 8 - Search*. The search results are displayed in the **search results** area.
3. Click on the GTIN that you want to add links to. The *Items Links For*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



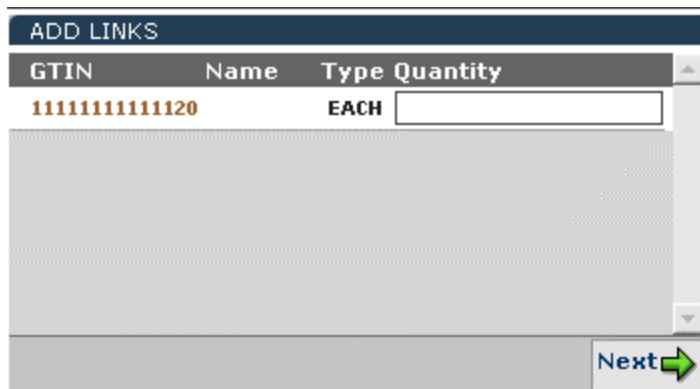
Create Hierarchy

5. 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

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 display only those GTIN(s) that can be children of the selected GTIN are displayed in the **search results** area.
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).




Create Hierarchy – Enter Quantity

8. 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 Friday,

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

36347356756744

		Quantity	Link Status
<input type="radio"/>	 36347356756744		
<input type="radio"/>	 11111111111120	<input type="text" value="1"/>	Draft

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.

- 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:

- In the *Item Hierarchy Request* tab view, click on the notification “Modify Item Link Approval Pending”. The details of the notification are displayed.
- 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. Once edited, the changes have to be approved by the appropriate users before they are committed.

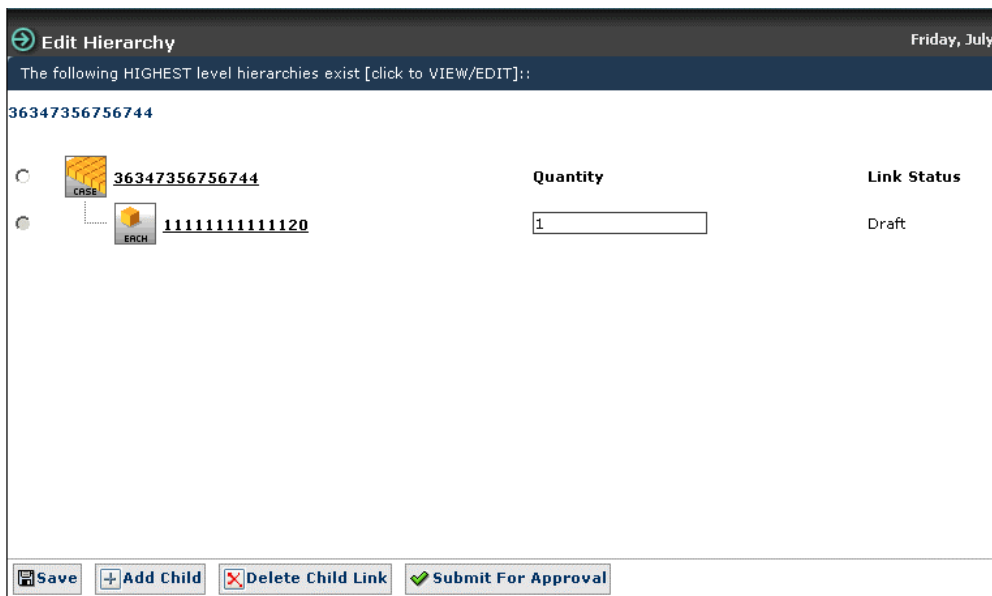
To edit an item hierarchy:

1. Go to **Manage Item > edit hierarchy** tab. The *Search* page is displayed.
2. 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.
3. From the list of GTINs displayed select the GTIN for which you want to edit the hierarchy and click **Next**. The *Edit Hierarchy* page is displayed.



Edit Hierarchy

4. Click on the displayed GTIN. The links for the selected GTIN is displayed.



5. 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.

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

GTIN	Name	Type	Quantity
11111111111121		EACH	<input type="text"/>

Next

- 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 Forpage*.

36347356756744

	Quantity	Link Status
11111111111120	<input type="text" value="1"/>	Draft
11111111111121	<input type="text" value="1"/>	Draft

Save **Add Child** **Delete Child Link** **Submit For Approval**

- 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.
- 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. Go to **Manage Item>edit hierarchy** link.
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.
3. Select the GTIN that you want to delete links for. The details of the hierarchy are displayed.
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.
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:

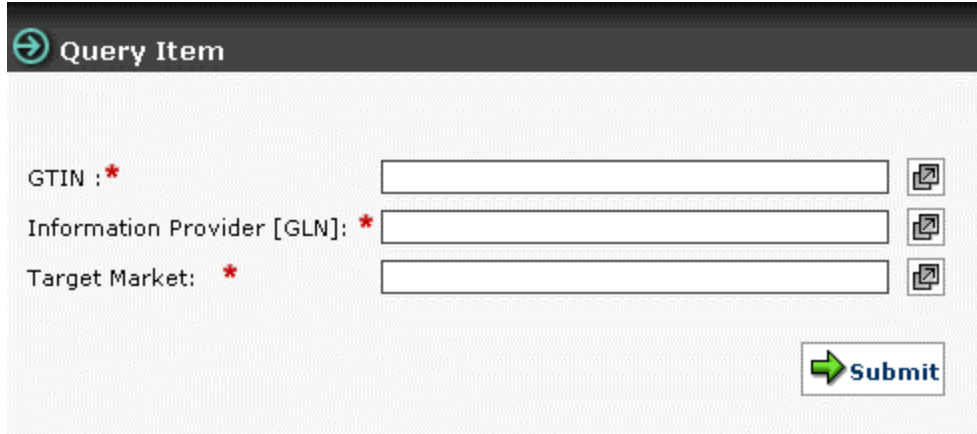
1. In the *Item Hierarchy Change Request* tab view, click on the notification “Item Link Deletion Approval Pending”. The details of the notification are displayed.
2. In the page where notification details are displayed, Click **Approve**, to approve the deletion. The notification message “Item Link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



The screenshot shows a web form titled "Query Item". It contains three input fields, each with a red asterisk indicating a required field. The first field is labeled "GTIN : *", the second is "Information Provider [GLN]: *", and the third is "Target Market: *". To the right of each input field is a small square icon containing a magnifying glass, representing a "Lookup" function. At the bottom right of the form is a "Submit" button with a green arrow icon pointing to the right.

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*

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 *Manage Partner > 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.

New Trading Partner Request		Trading Partner Change Request		
Name	GLN	Status		refresh
TEST_GLN	xxx	New Trading Partner Approved		
TP123	1112343545649	New Trading Partner Approved		
TP231	4689234792385	New Trading Partner Rejected		
s211	2221111111111	New Trading Partner Approved		

Manage Partner - Notifications

Each notification is represented by a GLN. To view the details of a notification, click on the notification. The *Notification Details* page is 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 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 an exchange, a retailer, a supplier, or a 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. Got to **Manage Partner>create trading partner**. The *Create New Trading Partner* page is displayed.

Create New Trading Partner

Trading Partner Basic

Global Location Number: *

Trading Partner Name: *

GLN Identifier: *

Trading Partner Other Details

TP Status:

Trading Partner Effective End Date:

Trading Partner Address:

Trading Partner Country: *

Trading Partner State:

Trading Partner Language:

Trading Partner Postal Code:

Trading Partner Effective Start Date:

Trading Partner Address2:

Trading Partner City:



Trading Partner Address3:

Status:

Trading Partner Time Zone:

Create New Trading Partner

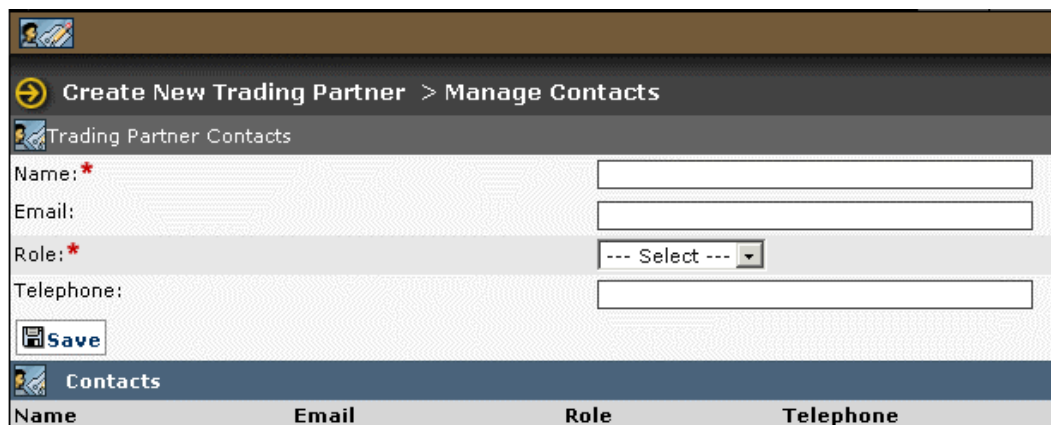
2. Type the trading partner information in the listed fields:
 - a. In the **Global Location Number** field, type the global location number. This is the unique 13-digit number used to identify a trade location.
 - b. In the **Trading Partner** name field, type the name of the trading partner.
 - c. From the **GLN Identifier** drop down, select the type of GLN identifier. The options are Exchange, Manufacturer, retailer, Supplier.

- d. From the **TP Status** drop-down menu, select the status of the trading partner. Options available are Active and Inactive.
 - e. In the **Trading Partner Effective start Date** field, click on the **Calendar** icon  to select the start date.
 - f. In the **Trading Partner Address** field, enter the address of the trading partner.
 - g. Using the Lookup  icon choose the **country** of the Trading Partner.
 - h. In the **Trading Partner State** field enter the state to which the trading partner belongs.
 - i. In the **Trading Partner Language**, enter the preferred Locale of the trading partner.
 - j. In the **Trading Partner Postal Code** enter the Postal Code of the trading partner.
 - k. From the **Trading Partner Status** dropdown, select the status of the trading partner.
 - l. From the **Time Zone** drop-down menu, select the time zone relevant to the trading partner. Options available are Eastern, IST, GMT, and Pacific.
3. Click **Next**. The trading partner is created and the **Contacts** table is displayed on the same page.



Create New Trading Partner - Contacts

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



Create New Trading Partner – Manage Contacts

5. Type the contact details in the listed fields:
 - a. In the **Name** field, type the name.

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

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.

7. 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.
8. 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 Partner* page.
9. If you have not finished adding the information, and you want to save a draft version, click **Save**.
10. To delete the trading partner, click **Delete Partner**.

Approve New Trading Partner

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

To approve a new trading partner:

1. In the *New Trading Partner Request* tab view, click on the notification “New Trading Partner Pending Approval”. The details of the notification are displayed.
2. 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).

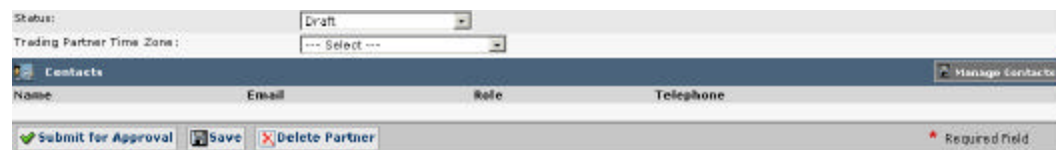
The notifications are displayed in the *New Trading Partner Request* tab view.

Edit Trading Partner

You can modify those trading partners that are approved.

To modify the information of a trading partner:

1. Go to **Manage Partner > Edit Trading Partner**. The *Modify Trading Partner* page is displayed.
2. Search for the GLN that you want to edit. For more information on performing a search, refer the Search for Trading Partners section in *Chapter 8 - Search*.
3. In the **search results** area, click on the GLN that you want to edit. The details of that GLN (trading partner) are displayed.
4. Click on **Start Modifications** button to make changes.
5. Edit the trading partner information in the listed fields.
 - a. From the **TP Status** drop-down menu, select the status of the trading partner. Options available are Active and Inactive.
 - b. In the **Trading Partner Effective start Date** field, click on the **Calendar** icon  to select the start date.
 - c. In the **Trading Partner Address** field, enter the address of the trading partner.
 - d. Using the Lookup  icon choose the **country** of the Trading Partner.
 - e. In the **Trading Partner State** field enter the state to which the trading partner belongs.
 - f. In the **Trading Partner Language**, enter the preferred Locale of the trading partner.
 - g. In the **Trading Partner Postal Code** enter the Postal Code of the trading partner.
 - h. From the **Trading Partner Status** dropdown, select the status of the trading partner.
 - i. From the **Time Zone** drop-down menu, select the time zone relevant to the trading partner. Options available are Eastern, IST, GMT, and Pacific.
6. To add or modify existing contacts, click **Manage Contacts**.




Modify Trading Partner – Manage Contacts

The screenshot shows a web interface for managing trading partner contacts. At the top, there is a breadcrumb trail: "Create New Trading Partner > Manage Contacts". Below this is a section titled "Trading Partner Contacts" containing a form with the following fields:

- Name:** A text input field with a red asterisk indicating it is required.
- Email:** A text input field.
- Role:** A dropdown menu with a red asterisk and the text "--- Select ---".
- Telephone:** A text input field.

 A "Save" button is located below the form. Below the form is a table titled "Contacts" with the following columns:

Name	Email	Role	Telephone
------	-------	------	-----------

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

1. Go to **Manage Partner**>**Edit Trading Partner**. The *Modify Trading Partner* page is displayed.
2. Search for the GLN that you want to edit. For more information on performing a search, refer the Search for Trading Partners section in *Chapter 8 - Search*.
3. In the **search results** area, click on the GLN that you want to edit. If the Trading Partner details are in the draft status, the details of that GLN (trading partner) are displayed.

4. If the trading partner is in **Draft status**:

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

5. If the trading partner is in **Approved status**:

To delete a trading partner that is in approved status, click **Delete Partner**. A pop-up appears to confirm the deletion. Click **OK** to continue with the deletion. 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:

1. In the *Trading Partner Change Request* tab view, click on the notification “Trading Partner Deletion Pending Approval”. The details of the notification are displayed.
2. To approve the trading partner, click **Approve**. The notification message “Trading Partner Deletion Approved’ is sent to the appropriate user(s).

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

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

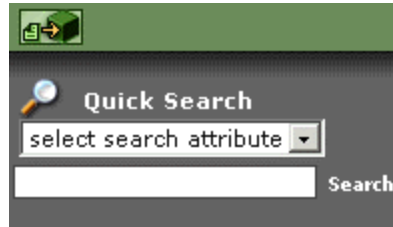
Explore Trading Partners

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

Ch 8 Search

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

- Quick Search - The Quick Search option is displayed in the left navigation pane on all the main pages. You can search by object or by attributes.



Quick Search

- 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.

WebSphere Product Center
Demand Side Global Data Synchronizer

Welcome master master | Logout

Home Manage Publication Manage Subscription Manage Item Manage Partner Run Reports

notifications | request for publication | stop synchronization | Mass Publication | explore

Explore → Publications Thursday, June 30, 2005


Transaction ID:

Transaction Process: Initial Load Publication

Date range from: to:

Search

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.

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

Explore → Transactions Tuesday, November 16, 2004







Transaction ID:

Transaction Process: Initial Load Publication

Date range from: to:

Search

search results

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_Pallet	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	3060060000197_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	

Explore Transactions - Search Results

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 shows the 'Explore Subscriptions' page in the WebSphere Product Center. The page title is 'Explore Subscriptions' and the date is 'Thursday, June 30, 2005'. The search form includes the following fields:

- Transaction ID:
- Transaction Process:
- Subscription Date range from: to:
- Subscription ID:

A 'Search' button is located at the bottom right of the form.


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 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.

The screenshot shows the 'Explore Transactions' page with search results. The page title is 'Explore Transactions' and the date is 'Monday, October 25, 2004'. The search form is filled with the following values:

- Transaction ID:
- Transaction Process:
- Subscription Date range from: to:
- Subscription ID:

The search results are displayed in a table with the following columns: Transaction ID, Type, Subscription ID, Date, Status, and View Details.

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

Search for Items/Hierarchies

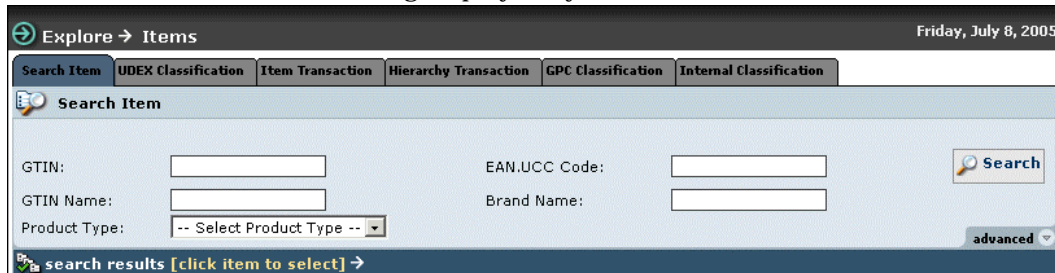
You can perform the following:

- [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.

Explore → Items Friday, July 8, 2005

Search Item UDEX Classification Item Transaction Hierarchy Transaction GPC Classification Internal Classification

Search Item

GTIN: EAN.UCC Code:

GTIN Name: Brand Name:

Product Type: -- Select Product Type --

Information Provider [GLN]: Target Market:

Information Provider [Name]: DataPool Category [Code]:

Brand Owner [Name]: DataPool Category [Description]:

Manufacturer [GLN]: Internal Category [Code]:

Manufacturer [Name]: Internal Category [Description]:

Ordering Unit Indicator: -- Select Ordering Unit Indicator -- basic ^

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

Search String:

Browse alphabetically:

[all](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#)

search results [\[click to add\]](#) →

Code	Name
DE-MV	Mecklenburg-Vorpommern
FR	France
FR-79	Deux-Sèvres
IN	India
US	United States
US-CA	California
US-VA	Virginia

Target Market - Search

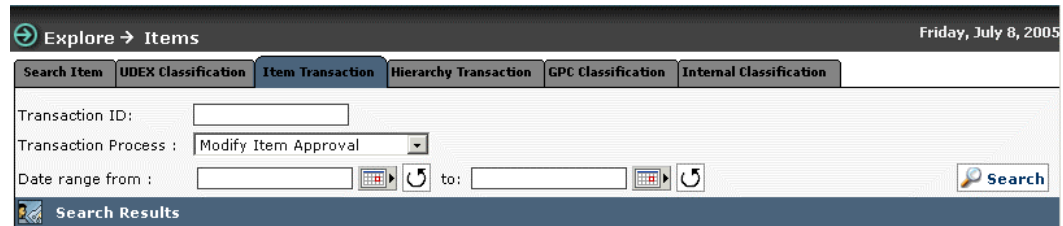
- c. From the *Target Market search* screen, select a target market.
- d. In the **Information Provider [Name]** field, type the name of the information provider.
- e. In the **Language Code** field, type the language code.
- f. In the **Brand Owner [Name]** field, type the name of the brand owner.
- g. In the **DataPool Category [Code]** field, type the Datapool Category code.

Note: If the property BROWSE_HIERARCHY_DISPLAY is set to FALSE in gds.properties the user will not be able to view the browse Classification screens instead a message saying that the BROWSE_HIERARCHY_DISPLAY is set to FALSE is displayed that the flag is set to false.


Search Item Transactions

To search for item transactions:

1. Go to **Manage Item>Explore**. The *Explore Item* page is displayed. Click on the **Item Transaction** Tab. The *Item Transaction* view is displayed.



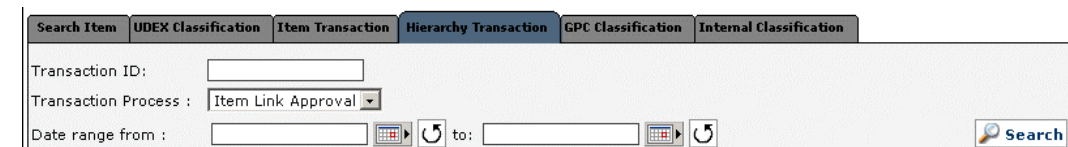
Search Item

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 process.
 - c. In the **Date range from** and **to** fields, select the dates using the **Calendar** icon .
3. Click **Search**. The search results are displayed in the **search results** area.

Search Hierarchy Transactions


To search for hierarchy transactions:

1. Go to **Manage Item>Explore**. The *Explore Items* page is displayed. Click on the **Hierarchy Transaction** Tab. The *Hierarchy Transaction* view is displayed.



Search Item Transaction

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.
 - c. In the **Date range from** and **to** fields, select the dates using the **Calendar** icon .
3. Click **Search**. The search results are displayed in the **search results** area.

Search for Trading Partners

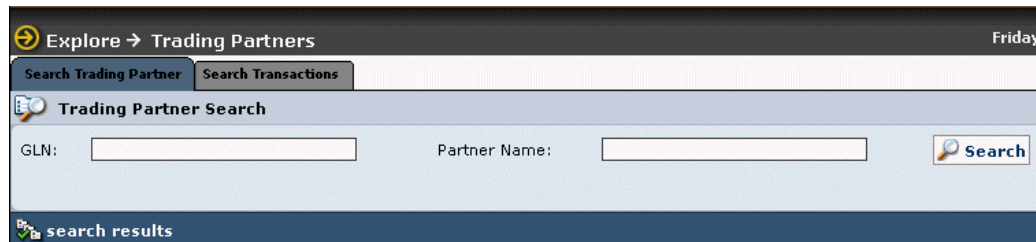
You can perform the following:

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

Search Trading Partners

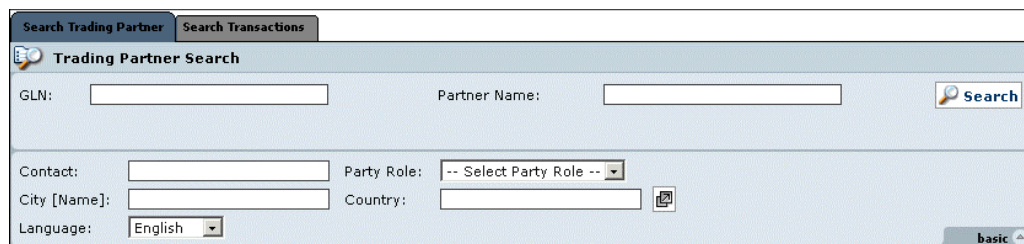
To search for trading partners:

1. Go to Manage Partner>Explore. The *Explore Trading Partner* tab view is displayed.




Explore trading partners

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

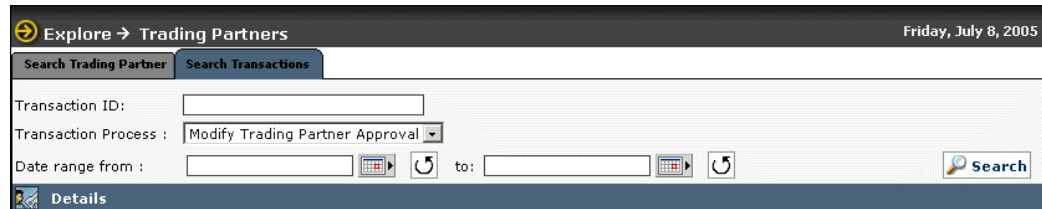
- d. In the **Contact** field, type the contact number of the trading partner.
- e. From the **Party Role** drop-down menu, select the role of the trading partner. Options available are Exchange, Manufacturer, Retailer, and Supplier.

- 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.


Search Transactions

To search for transactions related to trading partners:

1. Go to **Manage Partner>Explore**. Click on the **Search Transactions** tab.



Explore Trading Partner - Search 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 partner 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 .
 - d. Click **Search**. The search results are displayed in the **Details** area.

Ch 9 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 demand-side trading partner to enrich trade item variants.
- Time Taken to Approve Item Change – This report provides you the average time taken for the demand-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 demand-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 demand-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.

WebSphere Product Center
Demand Side Trading Data Dashboard

Home Manage Publications Manage Subscriptions Manage Items Manage Products Run Reports

Home > Reports > Run Reports Tuesday, March 13, 2013

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).

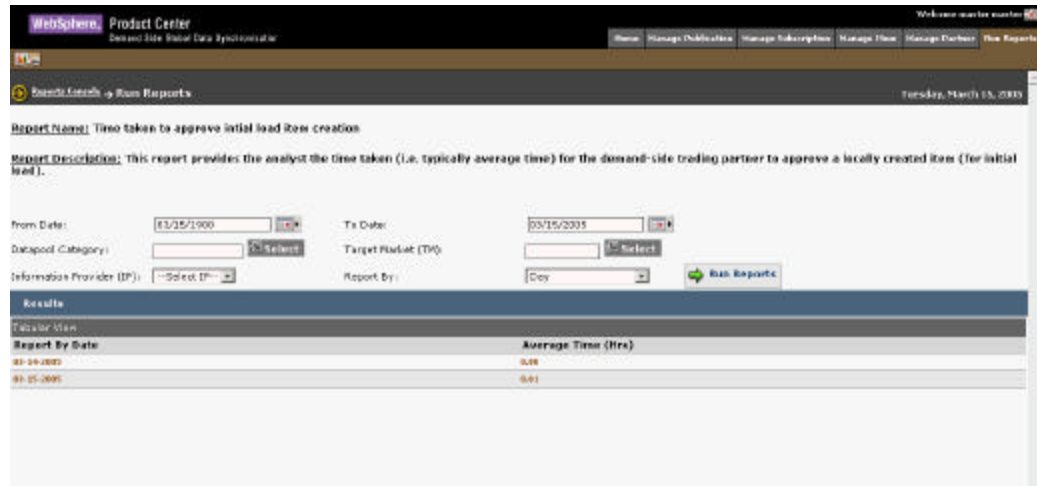
From Date: To Date:

Dataset Category: Select Target Market (TM): Select

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

Results

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.



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

Time taken to approve item changes	
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 enrich global attributes	
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.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

Time taken to enrich variants	
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 enrich a new item	
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.

Time taken to enrich a new item	
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.

List of items pending internal synchronization	
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.

Time taken to approve trading partner changes	
Field	Description
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.

List of accepted/rejected publications	
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.
Publication Type	Allows you to select the type of publication based on which you want to generate the report.
Authorization Response	Allows you to select the publication based on whether they are accepted or rejected by the authorized person

Number of Publications received	
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.
Publication Type	Allows you to select the type of publication based on which you want to generate the report.

Number of Publications received	
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.
Publication Type	Allows you to select the type of publication based on which you want to generate the report.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

List of publication pending authorization	
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.
Publication Type	Allows you to select the type of publication based on which you want to generate the report.
Report By	Allows you to generate report for Date, Week, Month or Internal Item Category.

List of erroneous publications pending changes from trading partner	
Field	Description
From Date / To Date	Allows you to select the date between which the report is to be generated.
Information Provider	Allows you to select the information provider.

User Activity Report	
Field	Description
From Date / To Date	Allows you to select the date between which the report is to be generated.
User Activity	Allows you to select the activity of the user based on which you want to generate the report
User id	Allows you to select a particular user id based on which you want to generate the report

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.

Appendix B - Error and Confirmation Messages

This appendix provides a list for all errors potentially encountered when sending Global Data Synchronization Messages.

Topics

- Error and Confirmation Messages Generated by IBM Global Data Synchronization for WebSphere Product Center
- Error and Confirmation Messages Generated by UCCnet data pool services

Error and Confirmation Messages Generated by IBM Global Data Synchronization for WebSphere Product Center

This section lists the error and confirmation messages generated by IBM Global Data Synchronization for WebSphere Product Center solution. Errors can include missing fields required by the application, incorrect values, and so on.

Error Message	Description
This notification is no longer valid.	This message is generated when the solution looks for the particular notification that is not present in the system.
Notification is not found for the given parameters	This message is generated when the solution does not find the notification for the given parameters (for example, if the notification is already deleted due to some reason).
Error processing this page. Please try again.	This message is generated when the user clicks on any action and the system is not able to execute the same.
Another Trading Partner exists with same GLN.	This message is generated when the GLN trying to create which already exists in the system.
Invalid GLN.	This message is generated when the GLN checksum fails.
Invalid Target Market.	This message is generated for an invalid country code.
Another Trade Item exists with same Global Trade Item Number.	This message is generated when the new GTIN that is being created matches a GTIN that already exists in the solution.
Invalid Product Type.	This message is generated when the Product Type specified is not valid.
Invalid Classification.	This message is generated when the classification specified is not valid.

Error Message	Description
Invalid Category.{0}	This message is generated for an invalid category entry.
Global Trade Item Number is invalid.	This message is generated if the GTIN checksum is invalid.
Invalid unit of measure for the specified value.	This message is generated if the units are not specified for the UOM.
This is a Required field if the Base Unit Indicator is true.	Some fields are mandatory if the base unit indicator value in the global local catalog is true. This message is generated when those fields have not been filled in.
This is a Required field if the Ordering Indicator is true.	Some fields are mandatory if the ordering unit indicator value in the global local catalog is true. This message is generated when those fields have not been filled in.
The Owning Organization has invalid Global Location Number.	This message is generated if the given GLN is invalid. For example, it should at least be 13 characters.
Global Location Number is invalid.	This message is generated if the entered GLN value is incorrect.
It is recommended that you populate this attribute if "Product Type" is PL (Pallet).	This message is generated when the product type is pallet and there is no value specified for this field.
Do not populate if Product Type is PL (Pallet).	This message is generated when the product type is pallet and one or all of the following fields have been populated. <ul style="list-style-type: none"> • Num of Items per Pallet • Non GTIN Pallet Height • Non GTIN Pallet Gross Weight
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"> • Hazard Code • Hazardous Type Classification System • Dangerous Goods A Margin Number • Dangerous Group Packing Group • Dangerous Goods Shipping Name • Dangerous Goods Technical Name 	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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