Bol Integration for Magento 2 User Guide

by CedCommerce Products Documentation

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1. Overview

Today Bol.com is the largest growing eCommerce store in Netherland and Belgium with 10 million customers, more than 1800 colleagues at the Utrecht office, and 23,000 merchants selling on this platform. By the year 2025, shopping on bol.com will be climate neutral, which means they will be reducing the direct footprint to 0 gms of CO2 emissions per package. And to achieve this step the bol.com staff are very ambitious. Retail group Ahold acquired bol.com in the year 2012.

Bol Integration for Magento 2 is an e-commerce solution that connects the Magento store with the Bol marketplace. Bol Integration extension by CedCommerce is the perfect unification of the Bol marketplace and the Magento store that helps the store owners to grow their business and thus increase their sales. It provides the complete and easy solution to integrate your Magento store to bol.com.

Key Features-

- **Bulk Product Upload-** Enables you to upload the products and offers in bulk in a single click saving your time and efforts.
- Order Management- Imports the orders automatically from Bol marketplace to the Magento store making the order management an easier process.
- **Product Data Validation-** To avoid errors during the products upload process, this extension validates the product info as per the marketplace guidelines.
- Auto Synchronisation- There is the automatic synchronisation of the orders, product offer prices, and inventories at regular intervals of time to keep the figures updated on both ends.
- Email Notification- You can stay updated about the new order or activities through email.

2. Extension Installation

To install the extension,

• Upload and Extract the Bol and Integrator file inside the <magento-root>/app/code/Ced/ directory and run the below command from Magento root.

php -dmemory_limit=5G bin/magento setup:upgrade php -dmemory_limit=5G bin/magento setup:di:compile php -dmemory_limit=5G bin/magento setup:static-content:deploy -f php -dmemory_limit=5G bin/magento index:reindex php -dmemory_limit=5G bin/magento cache:clean php -dmemory_limit=5G bin/magento cache:flush

3. Configuration Settings

To Configure the settings,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration		×
Product	Developer	
Manage Profiles	Cron	
Manage Products	Feed	
	Logs	
Order		
Manage Orders		
Extras		
Help And Support		
Settings		
Configuration		

3. Click on **Configuration**.

The **Configuration** setting page appears as shown below:

Configuration			Q 💋
Scope: Default Config 👻 🕜			Save Config
	^	Bol Settings	\odot
		Bol Cron Settings	9
		Bol Product Settings	\odot
0		Bol Order Settings	\odot
Bol Configuration			

4. Click on **Bol Settings**, the section is expanded as shown below:

Select Store [global]	Default Store View	•
Enabled [global]	Yes	•
UserName [giobal]		
Password [global]		

5. Under Bol Settings, do the following steps:

Bol Cron Settings

- In Select Store, choose the store view for your store.
- In **Enabled**, select **Yes** to enable the configuration settings of the extension.
- In Username, enter the username of your Bol seller account.
- In **Password**, enter the password for the seller account.

6. Now scroll down and click on **Bol Cron Settings**. The section is expanded as shown below:

Order Cron [global]	Yes	Ŧ
Order Shipment Cron [global]	Yes	•
Feed Entries Truncate Cron [global]	Yes	•
Order Cron Time [global]	Every 15 Minutes Order Fetch Cron Time	•
Order Shipment Cron Time [global]	Every 2 Minutes Order Shipment Cron Time	•
Inventory Cron [globai]	Yes	•
Inventory Cron Time [global]	Every 15 Minutes Inventory Update Cron Time	•

7. Under Cron Settings, do the following steps:

- In **Order Cron**, select **Yes** to fetch the orders automatically.
- In Order Shipment Cron, select Yes to automatically ship the orders.
- In Feed Entries Truncate Cron, select Yes to delete the feeds automatically.
- In **Order Cron Time**, select the duration at which the order cron will run.
- In **Order Shipment Cron Time**, select the duration at which the orders will be shipped through crons.
- In Inventory Cron, select Yes to update the inventory automatically.
- In Inventory Cron Time, select the duration at which you want to update the inventory.
- 8. Scroll down and click on **Bol Product Settings**, the section is expanded as shown below:

 \bigcirc

Bol Product Settings		
Product Price	Increase By Fixed Price	•
	Select to send different product price	
Product EAN Number [giobal]	set individually for each product	•
	Select to send different product Ean number	
Product Auto Inventory Sync [global]	Yes	
Modify by Fix Price [global]	1000	
Map Ean Number Attribute [global]	sku	
Pipperi	Attribute Code Required for Custom Ean Number	

- 9. Under Bol Product Settings, the section is expanded as shown below:
 - In Product Price, you can increase or decrease the price accordingly to display, for this do the following steps:-
 - Increase by Fixed Price: If selected, then the Modify by Fix Price field appears.
 - Increase by Fixed Percentage: If selected, then the Modify by Percentage Price field appears.

Enter the numeric value to increase the price of the Bol, product price by the entered value % of Magento 2 price.

For Example,

Magento 2 price + 5% of Magento 2 price. Magento 2 Price = 100 Select Increase By Fixed Percentage option Modify by Percentage Price = 5 100 + 5% of 100 = 100 + 5 = 105Thus, Bol Product Price = 105

- Decrease by Fixed Price: If selected, then the Modify by Fix Price field appears.
- Decrease by Fixed Percentage: If selected, then the Modify by Percentage Price field appears.

Enter the numeric value to decrease the price of the Bol product price by the entered value % of Magento 2 price.

For Example, Magento 2 price -5% of Magento 2 price. Magento 2 Price =100Select Decrease By Fixed Percentage option Modify by Fix Price =5100 - 5% of 100 = 100 - 5 = 95Thus, Bol Product Price = 95

- In Set Individually for each Product, the attributes for the product will be set individually by entering the EAN code.
- In **Product EAN Number**, select from the drop-down list to send different product EAN number.
- In **Product Auto Inventory Sync**, select **Yes** if you want the product's inventory to automatically synchronise.
- In Map Ean Number Attribute, enter the attribute code for the Custom EAN Number.
- 10. Now scroll down and click on **Bol Order Settings**, the section is expanded as shown below:

 \odot

Bol Order Settings			
Auto invoice imported order [global]	Enable		
10 2	Auto Invoice Order Imported from	Bol in any case of successfull import.	
Auto Despatch imported order [global]	Yes		•
	Auto Despatch Order Imported fro	m Bol	
Customer Group [global]	General		•
Order Status [global]	Open		•
	Determines whether you want to reitems.	etrieve orders including or excluding shipped a	nd/or cancelled
Fulfilment method [global]	FBR		
	The fulfilment method. Fulfilled by	the retailer (FBR) or fulfilled by bol.com (FBB).	
Bol order id prefix [global]			
	Prefix for Bol Increment ID		
Carrier Mapping [website]	Magento Carrier	Bol Transporter Code	Action
	DHL		
	Add Carrier		
	Map Shipping Carrier for Shipmen	t	
Order Cancellation Code [global]			•
Enable Default Customer [globai]	Yes		•
Default Customer [global]			•

- 11. Under Bol Order Settings do the following steps:
 - In **Auto invoice imported order**, select **Enable** if you want to automatically import the order invoice.
 - In **Auto Despatch imported order**, select **Yes** if you want to automatically despatch orders imported from Bol marketplace.
 - In Customer Group, select the type of group of customers.
 - In Order Status, select the status of the order. It determines whether you want to retrieve orders including or excluding shipped and/or canceled items.
 - In the Fulfilment method, select the type of fulfillment method for the orders.

There are two fulfilment methods from which you can choose- Fulfilled by the retailer (FBR) or Fulfilled by bol.com (FBB)

- In Bol Order Id Prefix, enter the unique id prefix for Bol increment id.
- In Carrier Mapping, map the Magento Shipping Carrier with the Bol shipment.
- In Order Cancellation Code, select the cancellation code for the Bol orders.
- In Enable Default Customer, select Yes if you want to create a default customer.
- In **Default Customer**, select the customer created.

12. Click on the **Save Config** button, the configuration settings will be saved.

4. Manage Profiles

Product Profiling is a process of arranging similar types of products from a catalog and bundling them to perform multiple bulk actions. It saves a lot of time and effort, especially in the case of sellers who have large catalogs. Let's say you are selling Clothing – you create a profile labeled as Men's T-shirts and add all the t-shirts in the same profile. Now with product profiling, you have the feasibility to take actions such as bulk upload, alter the prices, edit details and even remove them in bulk with just a few clicks.

Admin can create a new profile and assign the required products to the profile. While creating and editing the profile, the admin can map the Magento Store attributes to the Bol attributes. These attributes are applicable to all the products that are assigned to the profile.

Admin can complete the following tasks:

- Add a new profile
- Edit the existing profile
- Submit Actions on the Manage Profile page

4.1. Add a New Profile

To add a new profile,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration		×
Product	Developer	
Manage Profiles	Cron	
Manage Products	Feed	
	Logs	
Order		
Manage Orders		
Extras		
Help And Support		
Settings		
Configuration		

3. Click on Manage Profiles.

The **Profile Management** page appears as shown below:

Manage Profile			Q 🕫	
			Add New Profi	īle
Actions	1 records found		🝸 Filters 💿 Default Vew 🗸 🎄 Colum	
	Profile Code	Profile Name	20 v per page < 1 of 1 Status A	Action
1			Enabled	Edit

4. The New Profile page appears as shown below:

Bol Integration for Magento 2 User Guide

Add Profile		Q 🔎
		← Back Save
PROFILE INFORMATION	General Information	
General Information	Profile Code *	
Attribute Mappings	Profile Name *	
Profile Products	Profile Status * Enabled •	
Product Offer		

- 5. Under General Information, do the following steps:
 - In **Profile Code**, enter the unique code for the profile.
 - In **Profile Name**, enter the name of your profile.
 - In Profile Status, select the status of the profile, i.e., Enable or Disable.

6. Now in the left menu click on **Attribute Mappings**, the section appears as shown below:

Add Profile		Q 💋
		← Back Save
PROFILE INFORMATION	Attribute Mappings	
General Information		
Attribute Mappings	Please Select The Category	
Profile Products		
Product Offer	Add Attribute	

- 7. Under Attribute Mapping, you can directly search the categories or choose from the drop-down menu. Add the Bol Category and then map the Bol required and optional attributes with the Magento attributes.
- 8. Then in the left menu, click on Profile Products, the section appears as shown below:

dd Profile								Q 📫	
								← Bacl	k Save
PROFILE INFORMATION	Profile Produ	ucts							
General Information	Search	Reset Filter							
Attribute Mappings									
	Actions	 2 records found 					20 💌 per page	< 1	of 1
			Image	Name	SKU	Profile	20 v per page	< 1 Product Status	of 1
Profile Products			Image	Name	SKU	Profile	Туре	Product Status	
Profile Products Product Offer			Image	Name	sku		Туре	Product Status	

All the listed products will be displayed here in the grid.

9. In the left menu click on **Product Offer**, the section appears as shown below:

Add Profile			Q 😥	
			← Back	Save
PROFILE INFORMATION	Product Offer			
General Information	Managed By Retail *	Ves v		
Attribute Mappings		This specifies whether this shipment has been fulfilled by the retailer		
Profile Products	Delivery Code *	Please Select •		
Product Offer		fulfilmentMethod FBR.		
1	Product Condition *	Please Select • The condition of the offered product		
	Method *	Please Select ▼ The fulfilment method. Fulfilled by the retailer (FBR) or fulfilled by bol.com (FBB).		
	Change Option	Default Magento Price		

- 10. Under Product Offer do the following steps:
 - In the Managed By Retail, select Yes to specify if the shipment has been fulfilled by the retailer.
 - In **Delivery Code**, select the delivery promise that applies to this offer. This value will only be used in combination with the Fulfilment Method 'FBR'.
 - In **Product Condition**, select the condition of the offered product.
 - In Method, select the fulfilment method- Fulfilled by the retailer (FBR) or fulfilled by bol.com (FBB).
 - In the Change Option, select the price option.

4.2. Edit Existing Profile

To edit the existing profile,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration	×	2003
Product	Developer	
Manage Profiles	Cron	
Manage Products	Feed	
	Logs	
Order		
Manage Orders		
Extras		
Help And Support		
Settings		
Configuration		

3. Click on Manage Profiles.

The Profile Management page appears as shown below:

Manage Profile	<u>.</u>		۵	#
				Add New Profile
Actions			Filters O Default V 20 • per page <	New - Columns -
D D	↓ Profile Code	Profile Name	Status	Action
1			Enabled	Edit

- 4. Scroll down to the required profile.
- 5. In the Action column, click Edit.

The required profile page appears as shown in the following figure:

Edit Profile	Q. #©
	← Back Delete Save
PROFILE INFORMATION	General Information
General Information	Profile Code *
Attribute Mappings	Profile Name *
Profile Products	Profile Status Enabled
Product Offer	FIGHE Status * Endured *

- 6. Make the changes as per the requirement.
- 7. Click the Save and Upload button.

The profile is saved and listed on the Manage Profile page.

4.3. Submit Bulk Actions on Profiles

To perform bulk actions,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration	×	
Product	Developer	
Manage Profiles	Cron	
Manage Products	Feed	
	Logs	
Order		
Manage Orders		
Extras		
Help And Support		
Settings		
Configuration		

3. Click on Manage Profiles.

The Profile Management page appears as shown below:

Manage Pro	file			Q 📫	
				Add Nev	w Profile
				Filters Oefault View	Columns +
Actions	•	1 records found		20 🔻 per page 🧹 1	of 1
ID ID		↓ Profile Code	Profile Name	Status	Action
1		01		Enabled	Edit

- 4. On this page, all the available profiles are listed.
- 5. Select the checkboxes associated with the required profiles.
- 6. Click the **Arrow** button next to the **Actions** field.

The Actions list appear as shown in the following figure:

Actions	•
Delete	
Disable	
Enable	

- 7. To delete the profiles in Bulk, click on **Delete**. The selected profiles will be deleted.
- 8. To Disable the profiles, click on **Disable**. The selected profiles' status will be changed to disabled.
- 9. To enable the profile status, click on **Enable**. The selected profiles' status will be changed to enabled.

5. Manage Products

To manage products,

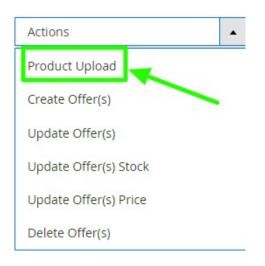
- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration	×
Product	Developer
Manage Profiles	Cron
Manage Products	Feed
	Logs
Order	
Manage Orders	
Extras	
Help And Support	
Settings	
Configuration	

3. Click on Manage Products. The Product Management page appears as shown below:

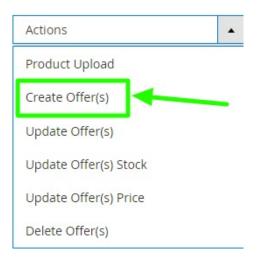
Bol	Proc	duct Lis	ting													Q 💋		,
																Sy	nc Feed D	ata
Actio	ns		• 4 reco	ords found										▼ Filters	• Def	ault View 🔻	Colu	
	ID	Thumbnail	Name	Туре	Offer Id	SKU	Bol Product Ean Number	Delivery Code	Price	Condition	Profile Id	Quantity	Report	Status	Upload Status	Visibility	Status	Action
	2430	$\hat{0}$	Hisense 43A6G A6 Series 43" 4K UHD Android Smart TV - 4 HDMI - (2021)	Simple Product			203362172888		\$279.00		1	35.0000	VALID	PENDING	UPLOADED	Catalog, Search	Enabled	1
	2431		TCL 32S335 32" HD LED Smart Roku TV	Simple Product			154121079283		\$199.99		1	476.0000	VALID	OFFER NOT CREATED YET	NOT UPLOADED	Catalog, Search	Enabled	1
	2432		Vallejo Mecha 69518 Black Wash 17ml Bottle	Simple Product			Vallejo Mecha 69518 Black Wash 17ml Bottle		\$22.00		1	0.0000	VALID	OFFER NOT CREATED YET	NOT UPLOADED	Catalog, Search	Enabled	1
	2434		Vallejo Mecha]	Simple Product			Vallejo Mecha\		\$3.95		1	0.0000	VALID	OFFER NOT CREATED YET	NOT UPLOADED	Catalog, Search	Enabled	1

- 4. All the products will be listed.
- 5. To synchronise the product feed data click on **Sync Feed Data**. The feeds will be synchronised.
- 6. To upload products, under Actions click on Product Upload.



The selected products will be uploaded.

7. To create new offers, under Actions click on Create Offer.



New offers will be created.

8. To update offer details, click on Update Offer(s).

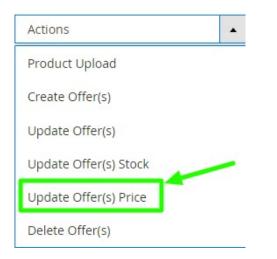
Actions	
Product Upload	
Create Offer(s)	
Update Offer(s)	
Update Offer(s) Stock	
Update Offer(s) Price	
Delete Offer(s)	

The offer details will be updated.

9. To update offer stock details, click on Update Offer(s) Stock.

Actions	
Product Upload	2110
Create Offer(s)	
Update Offer(s)	-
Update Offer(s) Stock	
Update Offer(s) Price	
Delete Offer(s)	

The offers stock will be updated for selected products. 10. To Update Offer Price, click on **Update Offer(s) Price**.



11. To Delete an offer, click on **Delete** Offer.

Actions	•
Product Upload	4.15
Create Offer(s)	
Update Offer(s)	
Update Offer(s) Stock	
Update Offer(s) Price	
Delete Offer(s)	

The selected offers will be deleted.

6. Manage Orders

To manage the orders,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration		×
Product	Developer	
Manage Profiles	Cron	
Manage Products	Feed	
	Logs	
Order		
Manage Orders		
Extras		
Help And Support		
Settings		
Configuration		

3. Click on Manage Orders.

The Manage Orders page appears as shown below:

			We	couldn't find any records.			
	Id	Increment Id	↓ Bol Order Id	Created At	Bol Status	Failure Reason	Actions
Actions		O records found					Columns • Columns •
							Import
Orders							Q 📫

- 4. All the Bol Orders along with the details will be displayed in the grid.
- 5. To fetch new orders, click on the Import button. The new orders will be imported and displayed.

7. Cron Logs

To manage cron logs,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration		×
Product	Developer	
Manage Profiles	Cron	
Manage Products	Feed	
	Logs	
Order	Ň	
Manage Orders		
Extras		
Help And Support		
Settings		
Configuration		

3. Click on Cron.

The Magento Cron page appears as shown below:

Mage	nto Crons						Q 📫
						T Filters	Oefault View ▼ Columns ▼
0 records	found					20 • p	per page < 1 of 1 >
Id	Job Code	Status	Messages	Created At	Scheduled At	Executed At	Finished At
	We couldn't find any records.						

4. All the running crons along with the details will be displayed.

8. Manage Feeds

To manage feeds,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Bol Integration	×
Product	Developer
Manage Profiles	Cron
Manage Products	Feed
	Logs
Order	N
Manage Orders	
Extras	
Help And Support	
Settings	
Configuration	

3. Click on Feed.

The **Feeds** page appears as shown below:

Feed Response						٩	#0	
							Truncat	te Feeds
					T Filte			≛. Export ▼
43 records found						20 • per page <	1	of 3 >
Feed Id	t	Feed Type	Productid	Feed Status	Feed Date		Feed File	Response
43		GetOrder	٥	400	Mar 31, 2022 9:10:42 AM		0	o
42		GetOrder	Θ	400	Mar 31, 2022 8:54:05 AM		O	Θ
41		GetOrder	O	400	Mar 31, 2022 8:41:01 AM		o	Θ
40		GetOrder	Θ	400	Mar 31, 2022 8:15:00 AM		O	Θ
39		GetOrder	0	400	Mar 31, 2022 8:12:22 AM		0	Θ

4. The feeds details will be displayed.

9. Activity Logs

To view logs,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

3. Click on Logs.

The Log page appears as shown below:

Activity Log		(Q 📫	
			Tru	incate
Actions • 108 records found	Pilters 20 v per particular		:View • 🗘 🔅 G	
Id Message	Channel	Level 🗼	Date	Context
		ERROR	2022-01-22 09:03:38	o
21		ERROR	2022-02-03 05:34:34	o

4. The created activity logs will be displayed.

10. Help and Support

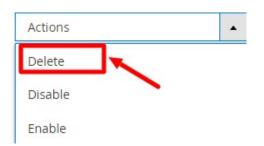
To view help and support,

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click on the **Bol Integration**. The menu appears as shown below:

Manage Profile				Q 🃣	
				Add Nev	v Profile
				▼ Filters O Default View ▼	Columns 👻
Actions	1 records found			20 🔻 per page < 1	of 1 >
T ID	↓ Profile Code	Profile Name	Status	Product Count	Action
5			Enabled	1	Edit

3. Click on Help and Support.

The Help and Support page appears as shown below:



- 4. You can click on **Bol Integration Extension User Guide by CedCommerce** to view the user documentation.
- 5. You can also connect with us via Skype, Mail, or Ticket for any of your queries.