



[Jet-OpenCart Integration]

CedCommerce Jet-opencart Integration, an extension by CedCommerce, establishes synchronization of inventory, price, other details for product creation and its management between Opencart store and Jet.com. The smooth harmonization is established with help of Jet.com REST API.

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Jet-OpenCart Integration

User Manual

Version – 0.0.3



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OVERVIEW

CedCommerce Jet-opencart Integration, an extension by **CedCommerce**, establishes synchronization of inventory, price, other details for product creation and its management between opencart store and Jet.com. The smooth harmonization is established with help of Jet.com REST API.

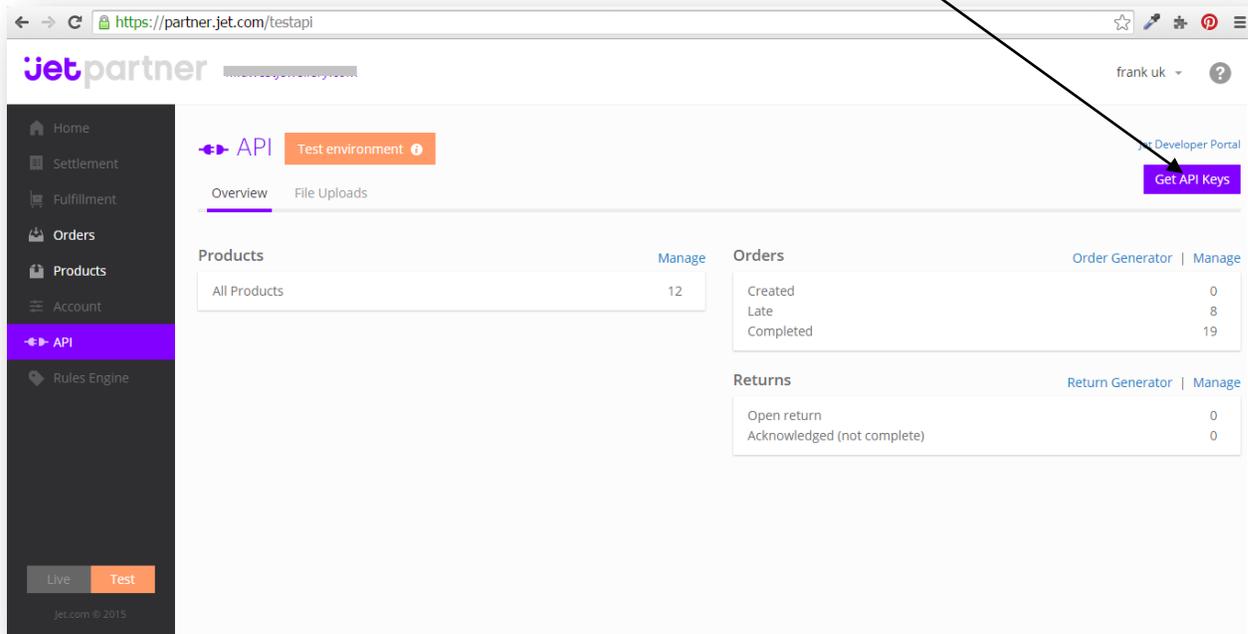
This extension provides various key features:-

- User friendly interface delivers bulk management (product upload, product close, product open).
- Map single **Opencart store** to **Jet.com** with single **Fulfilment node**.
- Import **Jet.com** orders to convert it into regular **Opencart Orders & Shipments**.
- Admin can manage returns of **jet products**.

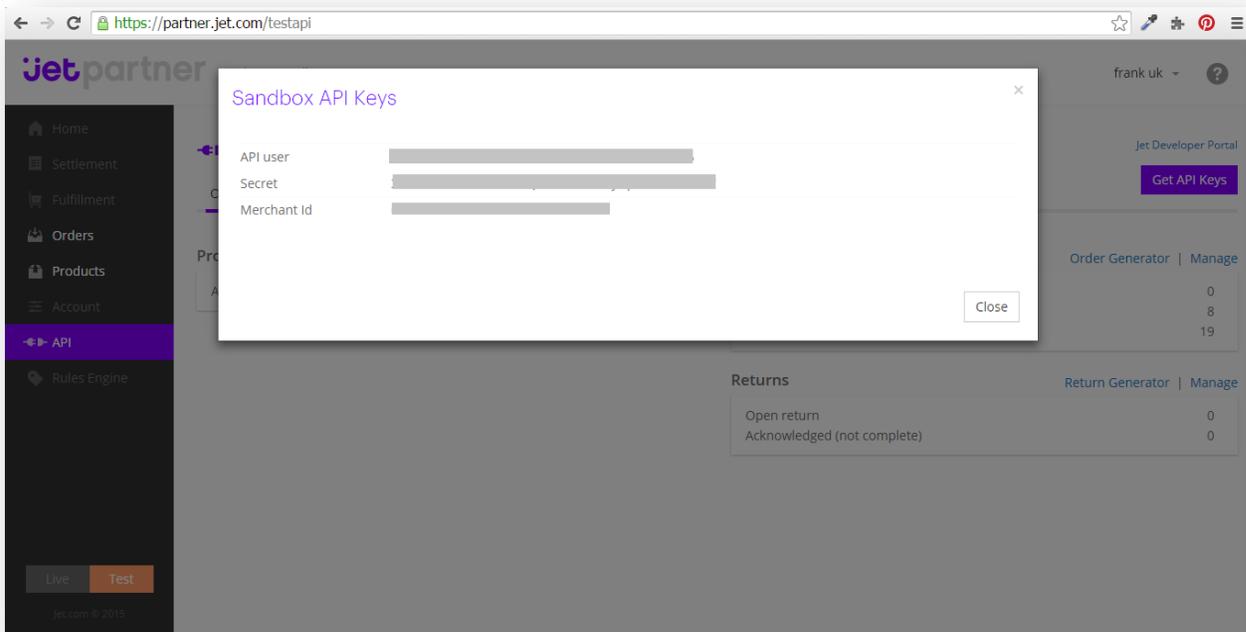
In this extension currently we have provided support for two types of products **Simple** and **Configurable** which means only two types of products can be uploaded to Jet.com.

JET CONFIGURATION

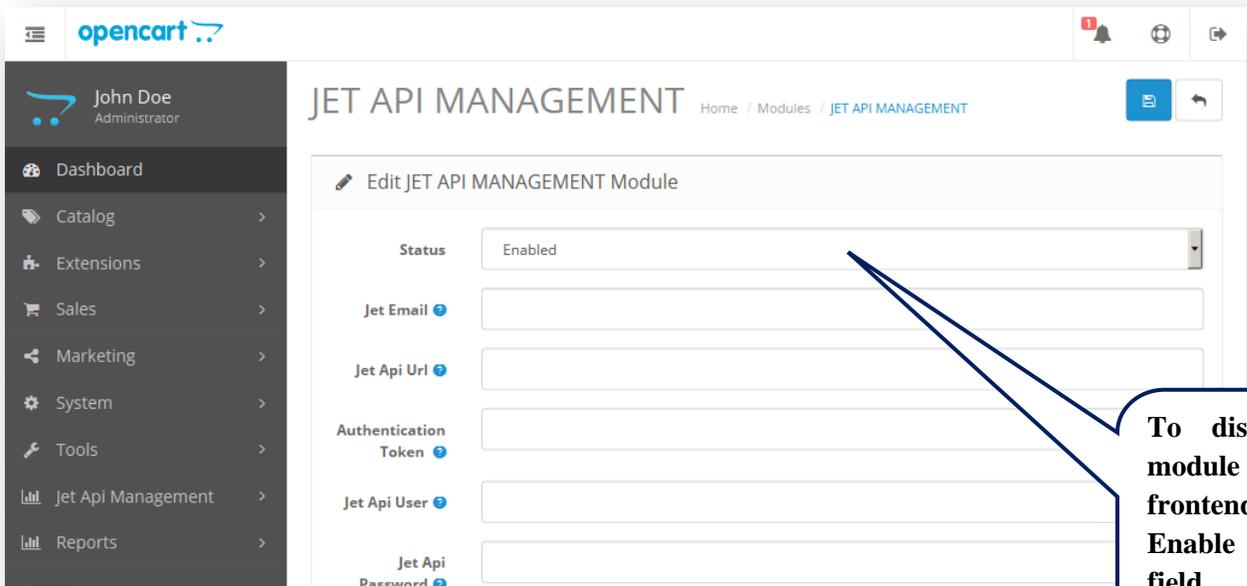
In order to obtain **Jet API key**, **Jet Secret key** and **Fulfillment Node Id** the merchant needs to go to <https://partner.jet.com/> and login to his account.



After that obtain the API key and Secret Key and generate a Fulfillment Node as per Jet specifications to have a Jet Fulfillment Node Id. These details will be used in the configuration settings in the merchant's admin panel.



Once the merchant installs this extension, configuration settings will be created in his **OpenCart admin panel's Module section** named as '**JET API MANAGEMENT**', as well as a menu will be added in the header section named as '**JET API MANAGEMENT**' when you enable the module that will consist of all the panel listing. This extension will also create a tab in the **product's general tab** named as **jet-attributes**.



opencart

John Doe Administrator

JET API MANAGEMENT Home / Modules / JET API MANAGEMENT

Edit JET API MANAGEMENT Module

Status: Enabled

Jet Email

Jet Api Url

Authentication Token

Jet Api User

Jet Api Password

To display the module at frontend select Enable in this field.



Reports

Orders Completed 75%

Orders Processing 0%

Other Statuses 25%

Jet Api Password

Fulfillment Node

Customer Email for Order

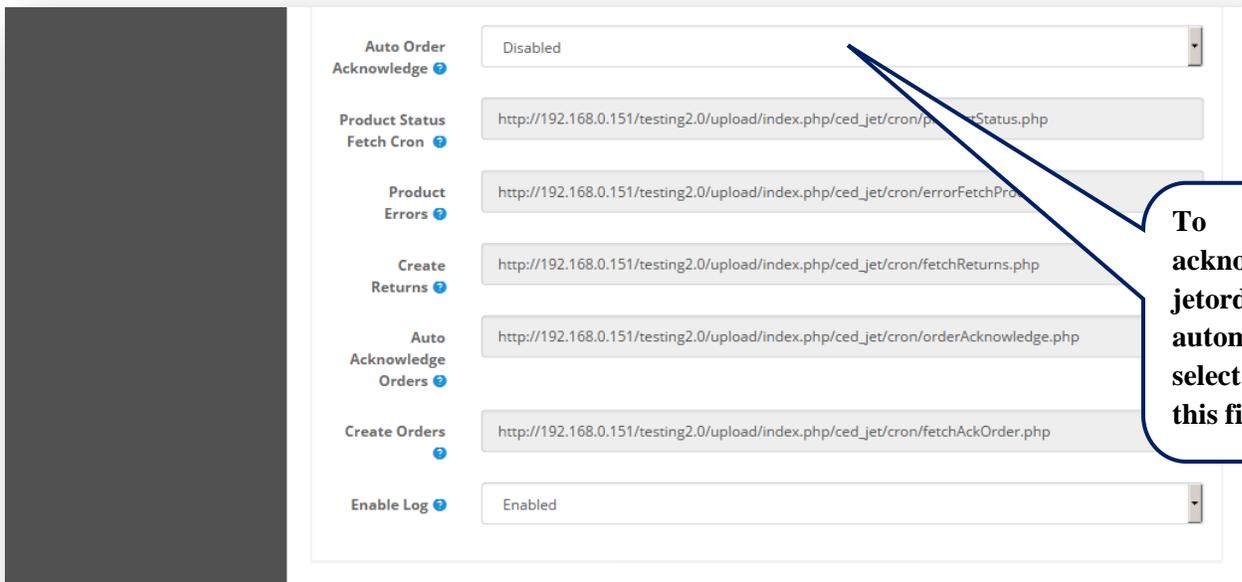
Return Address 1

Return Address 2

Return Address City

Return Address State

Return Address Postcode



Here the merchant needs to enter the following details:

- **Jet-Email:** Email id you registered with Jet.com.
- **Jet-API-Url:** Jet Api url which you got from the jet.com
https://merchant-api.jet.com/api.
- **Jet-Authentication-Token:** This Token is **auto generated** you don't need to fill this. This token get generated and refreshed time to time based on the info you have provided in the jet api management configuration.
- **Jet-API-User:** Jet Api user key which you got from the jet.com.

- **Jet-Api-Password:** Jet Api password key which you got from the jet.com.
- **Jet-fulfillment-Node:** Jet fulfillment node id which you got from from the jet.com(not Merchant Id of Jet, go to **Fulfillment > Fulfillment Node Id** from left navigation menu in the Jet Partner Panel).
- **CustomerEmailForOrder:** Email for jet orders.
- **Return Addresses(1,2):** Return addresses,the place where your return orders will be returned.
- **Return Address City:** City where your return addresses are located.
- **Return Address State :** You need to fill the **ISO-CODE** of the state where your city is located.
- **Return Address Postcode:** Postcode for those addresses.
- **Cron urls :** For fetching the orders,acknowledge the orders,fetch errors,fetch returns, fetch product status.
- **Enable Log :** Select enable if you want to create the error logs for the jet errors.

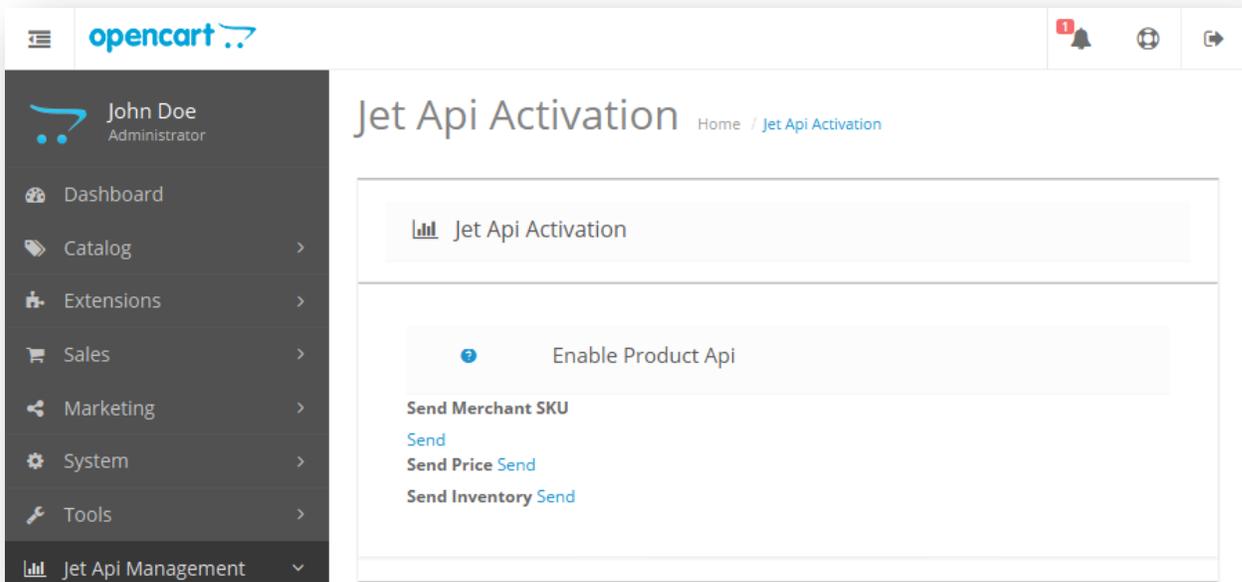
Jet API

To integrate **Opencart store with jet.com** firstly the merchant needs to enable his API setup on jet.com, if any merchant has created his account on jet.com and not enabled his API yet then he can enable his API panel from **Jet API Management > Activate Api**

After setting up the Configuration Settings, this step is mandatory to be followed for the first time users who have just installed this extension. In order to obtain the live mode credentials all the Test APIs should be run because Jet doesn't provides Live Mode details until all the Test APIs have been setup.

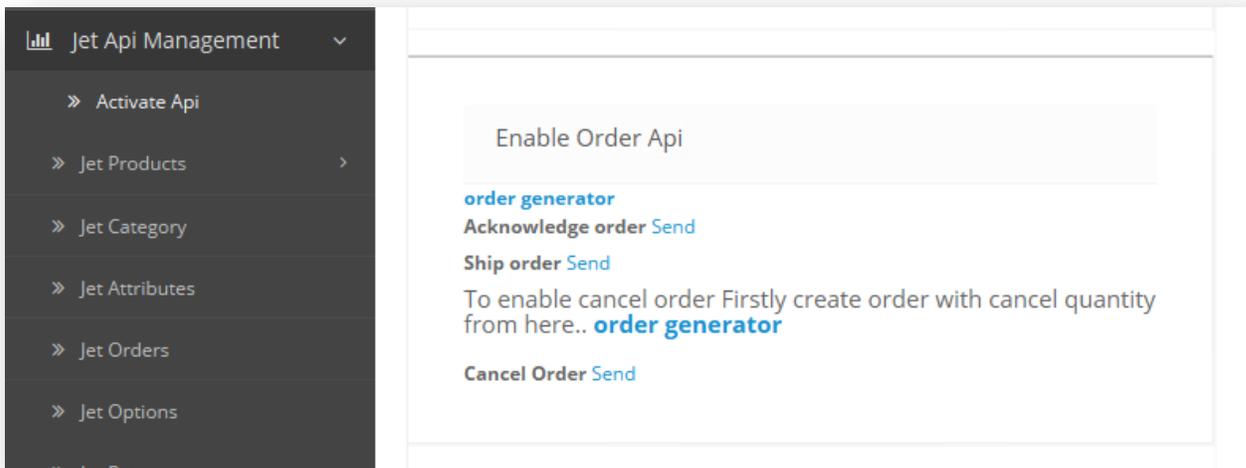
i. Enable product API

To enable the product API, the merchant needs to send SKU, price and inventory. So a setup has been prepared. For this the merchant only needs to click on **Send** link.



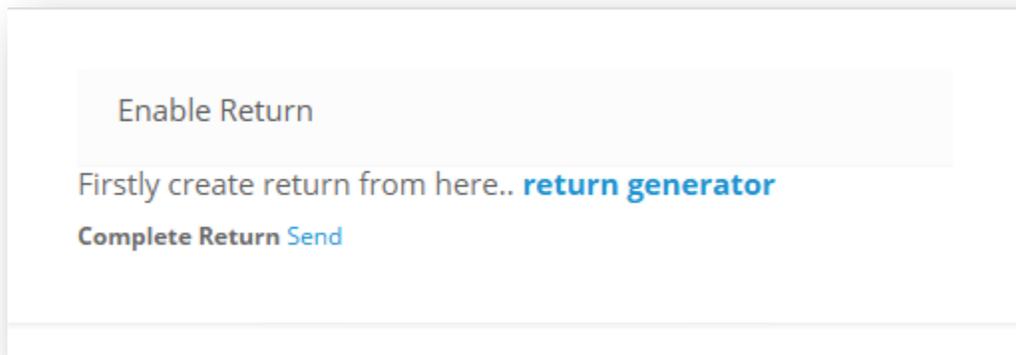
ii. Enable order API

To enable order API on jet.com the merchant needs to create an order from Order Generator. For this a link has been given named as **Order Generator**



iii. **Enable return API**

Return API used to manage Returns generated for the completed order on jet.com.



CREATE JET CATEGORY

To upload a product on jet.com, a jet category must be assigned to it. For this the merchant needs to create a jet category and which can be done with the help of a csv file having all the categories that have to be created in Opencart.

The CSV file to be uploaded should follow the given format

The column headings in your csv file should be exactly the same as given in this sample csv.

1	Id	Name	ParentId	Active	Retired	Path	Level
2	1000000	Books & Other Media		TRUE	FALSE	Books & Other Media	0
3	1000001	Books - Arts & Entertainment	1000000	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment	1
4	1000002	Architecture	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Architecture	2
5	1000003	Business of Art	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Business of Art	2
6	1000004	Collections, Catalogs & Exhibition:	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Collections, Catalogs & Ex	2
7	1000005	Comics	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Comics	2
8	1000006	Decorative Arts & Design	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Decorative Arts & Design	2
9	1000007	Drawing	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Drawing	2
10	1000008	Fashion	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Fashion	2
11	1000009	Graphic Design	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Graphic Design	2
12	1000010	Graphic Novels	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Graphic Novels	2
13	1000011	History & Criticism	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment History & Criticism	2
14	1000012	History & Price Guides	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment History & Price Guides	2
15	1000013	Humor	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Humor	2
16	1000014	Individual Artists	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Individual Artists	2
17	1000015	Manga	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Manga	2
18	1000016	Movies	1000001	TRUE	FALSE	Books & Other Media Books - Arts & Entertainment Movies	2

One thing to note here is that the **column headings** (shown in red in the above image) in the csv file to be uploaded should be exactly the same as given above in the sample csv file so as to ensure proper creation of categories.

While creating your own csv, it is important to keep in mind that, if you are creating a second level category then its parent level categories should also be mentioned along-with their ids in the csv file. For example, Grocery (0th level) is the parent of Beverages (1st level) and Beverages is the parent category of Cocktail Mixers (2nd level). Therefore, to add any 2nd level category merely defining it in the csv is not enough. Its parent level categories should also be defined. This is done because for 2nd level category its parent category (1st level) could be obtained by its parent id but for the 1st level parent category its corresponding 0th level parent category cannot be obtained because there is parent id as 1st level category is not even defined. Therefore, defining at least 1st level parent category is necessary.

	A	B	C	D	E	F	G
1	ID	Name	ParentId	Active	Retired	Path	
2	15000000	Grocery		TRUE	FALSE	Grocery	0
3	15000001	Beverages	15000000	TRUE	FALSE	Grocery Beverages	1
4	15000002	Cocktail Mixers	15000001	TRUE	FALSE	Grocery Beverages Cocktail Mixers	2
5	15000006	Energy Drinks	15000001	TRUE	FALSE	Grocery Beverages Energy Drinks	2
6	15000007	Flavoring Syrups	15000001	TRUE	FALSE	Grocery Beverages Flavoring Syrups	2
7	15000057	Condiments, Pickles & Relishes	15000000	TRUE	FALSE	Grocery Condiments, Pickles & Relishes	1
8	15000083	Dessert Syrups & Sauces	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Dessert Syrups & Sauces	2
9	15000085	Dried Seaweed & Nori	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Dried Seaweed & Nori	2
10	15000091	Leaveners & Yeasts	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Leaveners & Yeasts	2
11	15000094	Nuts & Seeds	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Nuts & Seeds	2
12	15000108	Gourmet Gifts	15000000	TRUE	FALSE	Grocery Gourmet Gifts	1
13	15000173	Jerky & Dried Meats	15000161	TRUE	FALSE	Grocery Snack Foods Jerky & Dried Meats	2
14	15000015	Soda Syrups	15000001	TRUE	FALSE	Grocery Beverages Soda Syrups	2

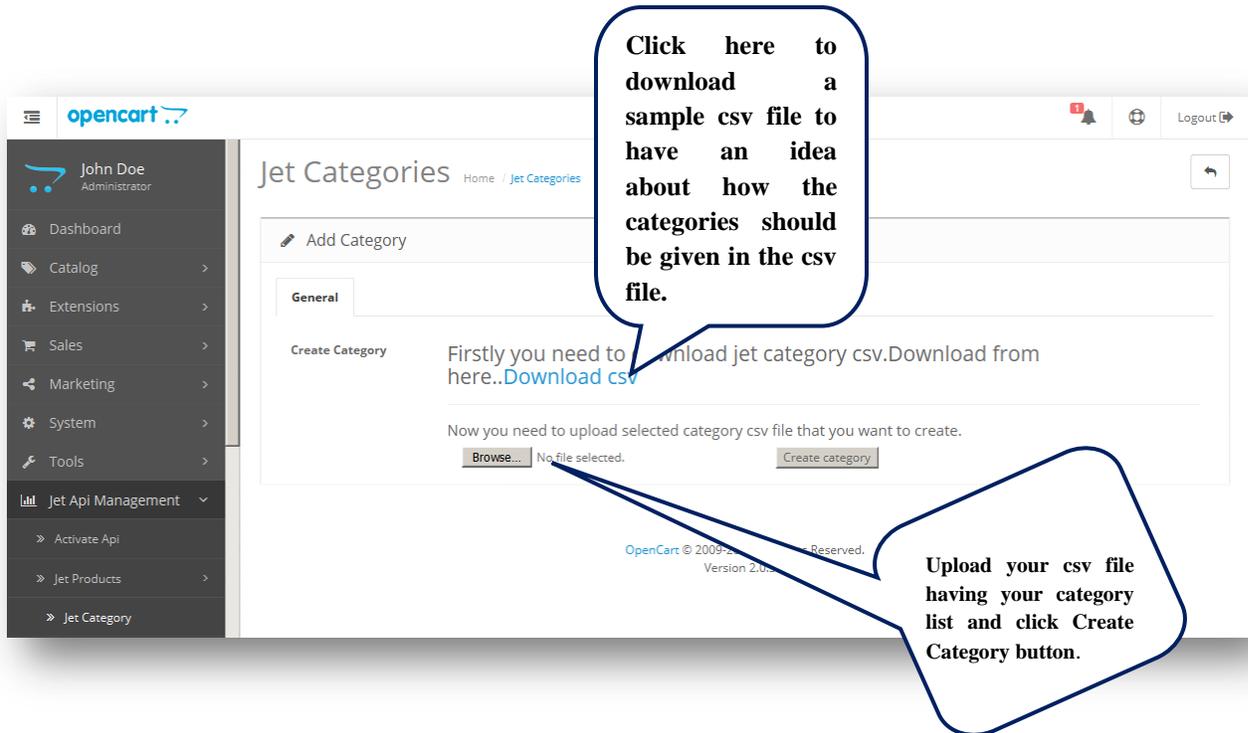
0th level and 1st level categories with their respective Parent Id.

	A	B	C	D	E	F	G
1	ID	Name	ParentId	Active	Retired	Path	
2	15000002	Cocktail Mixers	15000001	TRUE	FALSE	Grocery Beverages Cocktail Mixers	2
3	15000006	Energy Drinks	15000001	TRUE	FALSE	Grocery Beverages Energy Drinks	2
4	15000007	Flavoring Syrups	15000001	TRUE	FALSE	Grocery Beverages Flavoring Syrups	2
5	15000057	Condiments, Pickles & Relishes	15000000	TRUE	FALSE	Grocery Condiments, Pickles & Relishes	1
6	15000083	Dessert Syrups & Sauces	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Dessert Syrups & Sauces	2
7	15000085	Dried Seaweed & Nori	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Dried Seaweed & Nori	2
8	15000091	Leaveners & Yeasts	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Leaveners & Yeasts	2
9	15000094	Nuts & Seeds	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Nuts & Seeds	2
10	15000108	Gourmet Gifts	15000000	TRUE	FALSE	Grocery Gourmet Gifts	1
11	15000173	Jerky & Dried Meats	15000161	TRUE	FALSE	Grocery Snack Foods Jerky & Dried Meats	2
12	15000015	Soda Syrups	15000001	TRUE	FALSE	Grocery Beverages Soda Syrups	2
13	15000086	Extracts & Flavoring	15000077	TRUE	FALSE	Grocery Cooking & Baking Supplies Extracts & Flavoring	2
14	13000094	Fireplaces & Accessories	13000084	TRUE	FALSE	Home & Garden Home Decor Fireplaces & Accessories	2

Parent Id of 0th level category is missing. So, at least 1st level category should be defined.

To create a jet category, a category csv has to be downloaded. To download the csv the merchant needs to go to the Opencart admin panel and from the menu section **select Jet Api Management > Jet Category > +**. This will open a page which will provide a link for downloading jet category. After downloading the jet category, the merchant needs to create a csv file of the

categories that he wants to have. After that he should click on the **Browse** button and upload the csv of the selected categories and those many categories will be created.



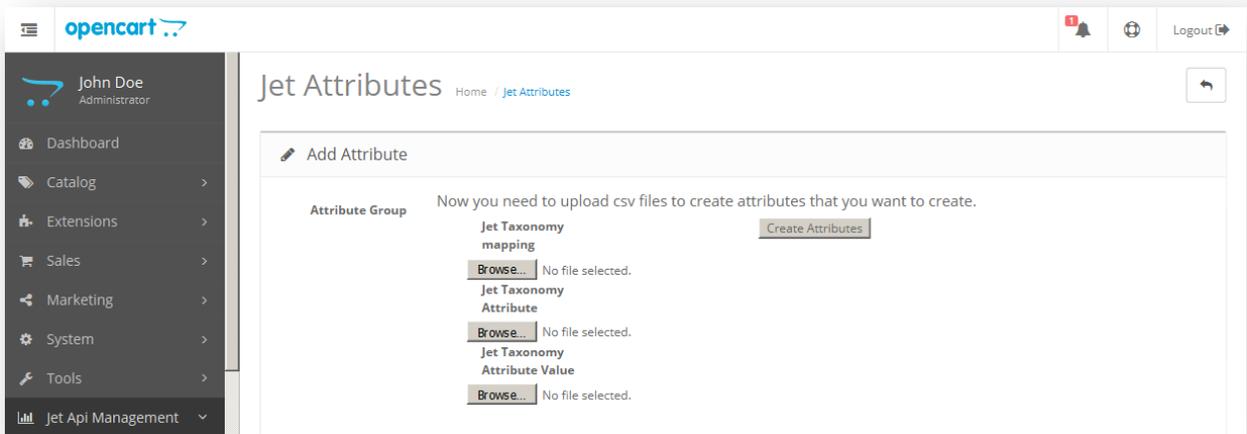
Click here to download a sample csv file to have an idea about how the categories should be given in the csv file.

Upload your csv file having your category list and click Create Category button.

CREATE JET ATTRIBUTES

After the categories get created in OpenCart, you need to upload csvs for jet attributes, jet attribute mapping with jet categories and attribute value.

Go to **Jet Api Management > Jet Attributes > +**



	A	B	C	D	E	F	G	H	I	J	K	L	M
1	active	attribute_id	category_id										
2	TRUE		3	2000044									
3	TRUE		3	8000089									
4	TRUE		3	9000002									
5	TRUE		3	9000003									
6	TRUE		3	9000004									
7	TRUE		3	9000005									
8	TRUE		3	9000006									
9	TRUE		3	9000007									
10	TRUE		3	9000008									
11	TRUE		3	9000009									
12	TRUE		3	9000010									
13	TRUE		3	9000011									
14	TRUE		3	9000012									
15	TRUE		3	9000013									
16	TRUE		3	9000015									
17	TRUE		3	9000016									
18	TRUE		3	9000018									

Mapping-csv:

attribute assigned to jet categories

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	id	description	display_name	free_text	display	facet_filter	variant	variant_pair					
2		225 # of Pieces	# of Pieces		1	TRUE	FALSE	TRUE	FALSE				
3		96 # of Players	# of Players		0	TRUE	TRUE	FALSE	FALSE				
4		4.40E+13 action	Action		1	FALSE	FALSE	TRUE	FALSE				
5		268 Activity	Activity		0	FALSE	TRUE	FALSE	FALSE				
6		111 Adult Product	Adult Product		0	FALSE	FALSE	FALSE	FALSE				
7		4.40E+13 age gender category	Age/Gender		1	FALSE	FALSE	TRUE	FALSE				
8		32 Age Group	Age Group		0	TRUE	TRUE	FALSE	FALSE				
9		31 Age Range	Age Range		0	TRUE	TRUE	FALSE	FALSE				
10		144 Airsoft Gun & Rifle Velocity	Airsoft Gun & Rifle Velo		1	TRUE	FALSE	FALSE	FALSE				
11		1.42E+14 Alpha Baby Generic Sizes	Baby Sizes		0	TRUE	FALSE	TRUE	FALSE				
12		1.42E+14 Alpha Big Boy Generic Size	Big Boy Size		0	FALSE	FALSE	TRUE	FALSE				
13		1.42E+14 Alpha Big Girl Generic Size	Big Girl Size		0	TRUE	FALSE	TRUE	FALSE				
14		1.44E+14 Alpha General Big & Tall Size	General Big &		0	FALSE	FALSE	TRUE	FALSE				
15		1.44E+14 Alpha Little Boy Generic Size	Little Boy Generic S		0	FALSE	FALSE	TRUE	FALSE				
16		1.42E+14 Alpha Little Girl Generic Size	Little Girl Size		0	FALSE	FALSE	TRUE	FALSE				
17		133 Alpha Women's General Maternit	Women's General Mater		0	FALSE	FALSE	TRUE	FALSE				
18		1.38E+14 Alpha Women's General Petite Si	Women's General Petite		0	FALSE	FALSE	TRUE	FALSE				

Attribute value csv:
value and units for those attributes whose free text value is 0 or 2.

attribute-csv:

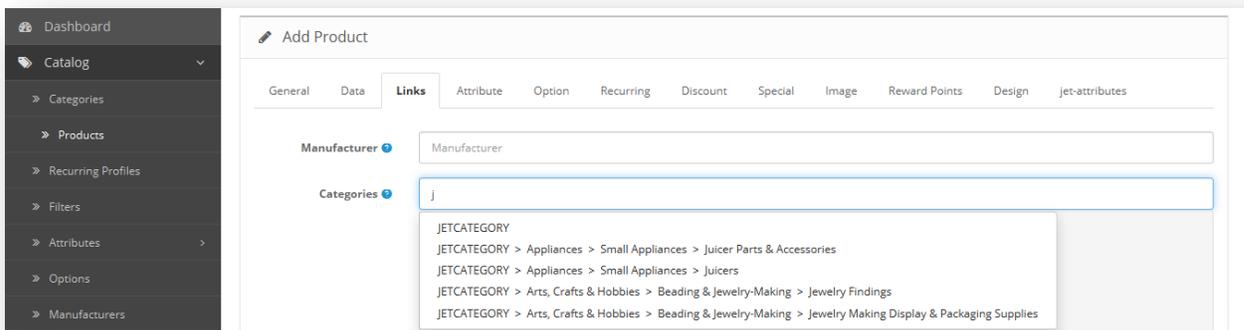
- jet attribute which is to be created for jet categories
- free_text stands for the attribute type if freetext is '0' it means it is a drop down type and if '1' then it is simple type and if '2' it is unit type attribute

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	attribute_id	value	units	retired										
2		1 Afghanistan		FALSE										
3		1 Aland Islands		FALSE										
4		1 Albania		FALSE										
5		1 Algeria		FALSE										
6		1 American Samoa		FALSE										
7		1 Andorra		FALSE										
8		1 Angola		FALSE										
9		1 Anguilla		FALSE										
10		1 Antarctica		FALSE										
11		1 Antigua And Barbuda		FALSE										
12		1 Argentina		FALSE										
13		1 Armenia		FALSE										
14		1 Aruba		FALSE										
15		1 Australia		FALSE										
16		1 Austria		FALSE										
17		1 Azerbaijan		FALSE										
18		1 Bahamas		FALSE										

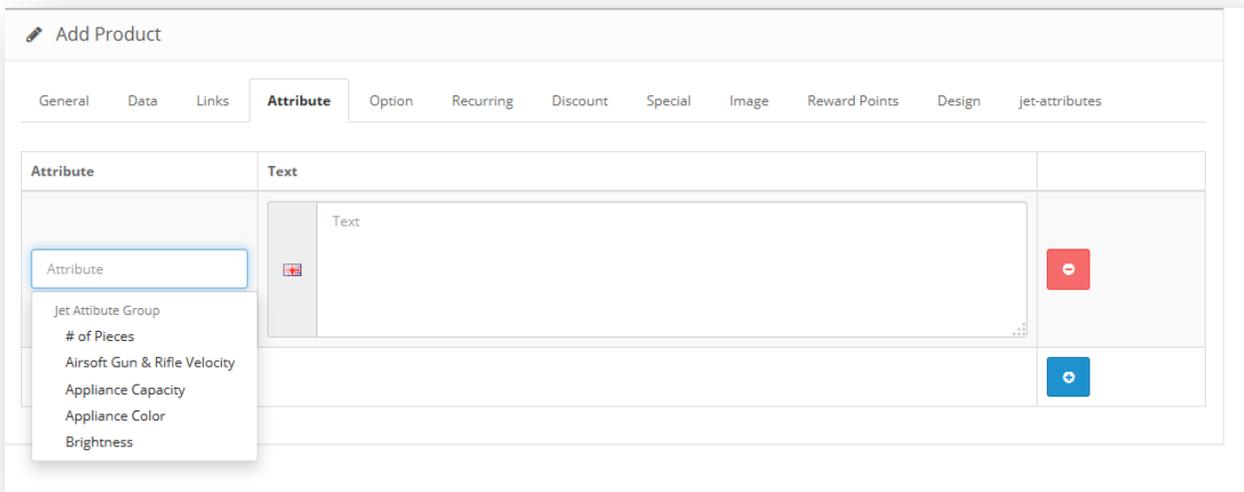
CREATE JET PRODUCT

Go to **Catalog > products > +**

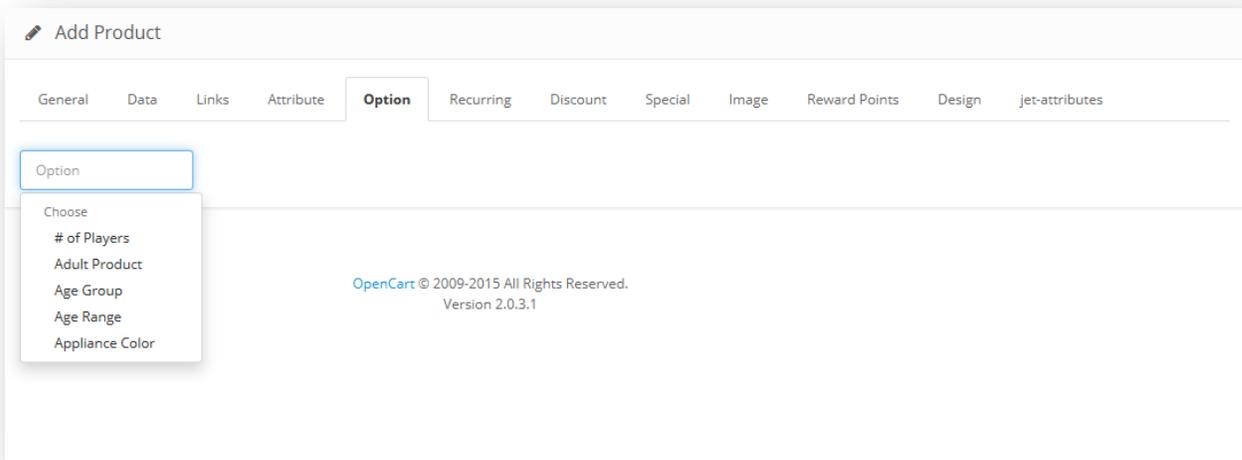
- Here if you assigned any jet category to any product it will be treated as a jet product and one product can only be assigned to one jet category only.



- After selecting the jet category you need to select the jet attribute assigned to that jet category if and only if that selected jet category has any text type attributes.

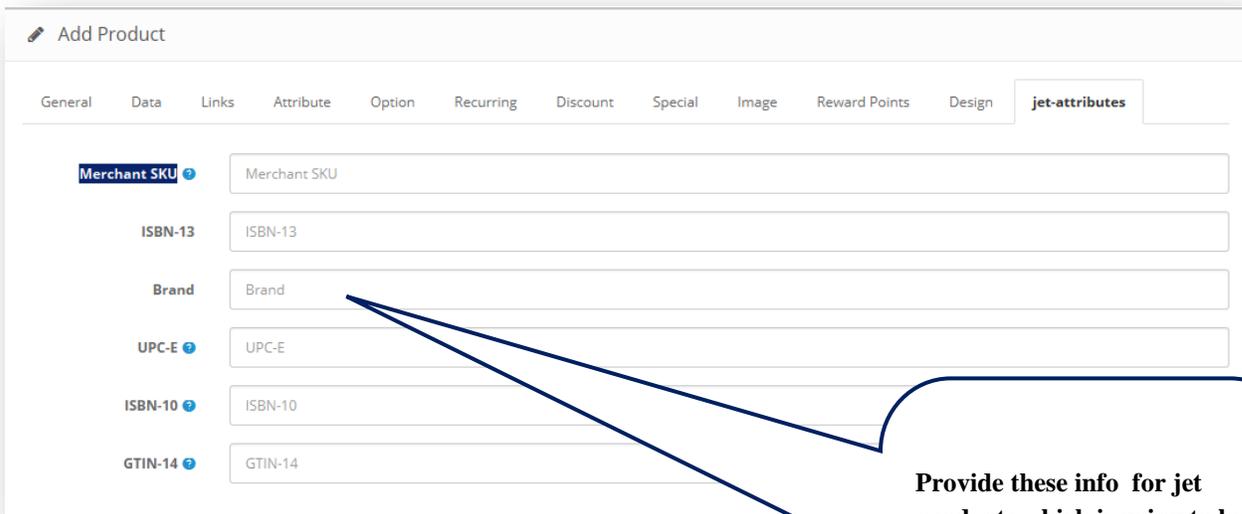


- After selecting the jet attributes you need to select the jet options assigned to that jet category if and only if that selected jet category has dropdown attributes(`free_text=0`).

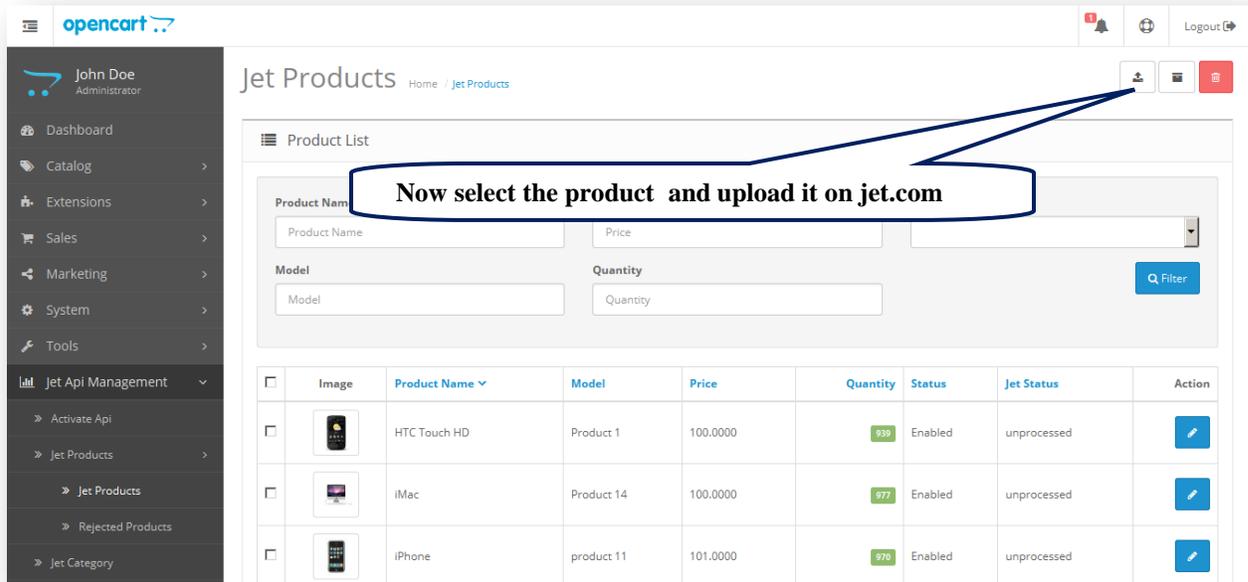


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Version 2.0.3.1

- After selecting jet options you need to select the jet-attributes tab and need to fill following values:
Merchant Sku: This is the sku which get uploaded on jet and your product get identified by this on jet.com.
Brand: As brand is the necessary field on jet.com for product to get upload on jet.com.
ISBN-13,UPC-E,ISBN-10,GTIN-14: These are the unique identifier for your product on jet.com you have to provide atleast one of them with verified value.



Provide these info for jet products which is going to be uploaded on jet and these values are unique for each product. And save the product now created jet product will list in jet product section.



opencart

John Doe Administrator

Dashboard
Catalog
Extensions
Sales
Marketing
System
Tools
Jet Api Management
Activate Api
Jet Products
Jet Products
Rejected Products
Jet Category

Jet Products

Home / Jet Products

Product List

Product Name
Product Name Price

Model
Model Quantity

Filter

<input type="checkbox"/>	Image	Product Name	Model	Price	Quantity	Status	Jet Status	Action
<input type="checkbox"/>		HTC Touch HD	Product 1	100.0000	939	Enabled	unprocessed	
<input type="checkbox"/>		iMac	Product 14	100.0000	977	Enabled	unprocessed	
<input type="checkbox"/>		iPhone	product 11	101.0000	970	Enabled	unprocessed	

CREATE JET ORDERS

Go to Jet Api Management > Jet Orders > +

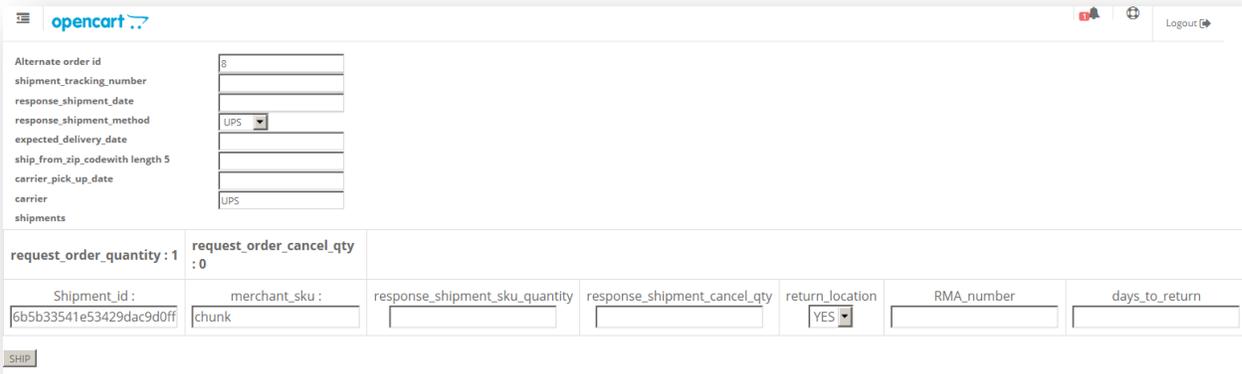
- It will fetch the all jet orders and create it on your opencart in ready state.

<input type="checkbox"/>	Order ID ^	Customer	Status	Total	Date Added	Date Modified	Action
<input type="checkbox"/>	8	Santa's Little Helper Santa's Little Helper	ready	\$110.00	04/12/2015	04/12/2015	

- After creating the jet order you need to acknowledge the order within two hours otherwise it will be assigned to another merchant. You can also reject the order by going to **edit>reject** Once you acknowledge the order the order status will changed to acknowledged and action icon will changed to ship button.

<input type="checkbox"/>	Order ID ^	Customer	Status	Total	Date Added	Date Modified	Action
<input type="checkbox"/>	8	Santa's Little Helper Santa's Little Helper	acknowledged	\$110.00	04/12/2015	04/12/2015	

- After you have acknowledged the order you can ship the order by clicking on truck-icon. A shipment form will come where you have to fill the following entries.



The screenshot shows the OpenCart shipment form with the following fields:

- Alternate order id: 8
- shipment_tracking_number: [empty]
- response_shipment_date: [empty]
- response_shipment_method: UPS
- expected_delivery_date: [empty]
- ship_from_zip_codewith length 5: [empty]
- carrier_pick_up_date: [empty]
- carrier: UPS
- shipments: [empty]
- request_order_quantity : 1
- request_order_cancel_qty : 0
- Shipment_id : 6b5b33541e53429dac9d0ff
- merchant_sku : chunk
- response_shipment_sku_quantity: [empty]
- response_shipment_cancel_qty: [empty]
- return_location: YES
- RMA_number: [empty]
- days_to_return: [empty]

SHIP

- Shipment-tracking-number
- Response-shipment-date
- Response-shipment-method

- expected-delivery-date
- ship_from_zip_code(minlength-5,maxlength-5)
- carrier-pick-up-date

after that in shipments section:

fill following entries:

- Response_shipment_sku_quantity:
 - It is the number of the quantity which you can fulfill and it can't be greater than the **REQUEST_ORDER_QTY** but can be equal to this.
 - It is a required field you have to fill this.
- Response_shipment_cancel_qty:
 - It is the number of the quantity which you can not fulfill and it can't be greater than the **REQUEST_ORDER_QTY AND REQUEST_ORDER_CANCEL_QTY**.
 - If you can fulfill all the items the you have to fill the zero in this field.
- Return Location:
 - If you selected as yes then you need to provide the following values:
 - Rma Number
 - Days to Return
- After shipment your order status will be changed to complete

<input type="checkbox"/>	Order ID ^	Customer	Status	Total	Date Added	Date Modified	you have shipped the product
<input type="checkbox"/>	8	Santa's Little Helper Santa's Little Helper	Complete	\$110.00	04/12/2015	04/12/2015	

CREATE JET RETURNS

Go to Jet Api Management > Jet Returns > +

- It will fetch all the returns created for your orders which are in completed status and list in jet returns section in with status jet_return_created from where you can accept the return or deny to accept the return by selecting as yes or no.

<input type="checkbox"/>	Return ID ^	Order ID	Customer	Product		Status	Date Added	Action
<input type="checkbox"/>	7	8	Santa's Little Helper Santa's Little Helper	HTC Touch HD	jet_return_created	05/12/2015	05/12/2015	YES  <div style="position: absolute; top: -10px; left: 50%; transform: translate(-50%, -50%); font-size: 8px;">JetReturnAction</div>

- If you selected as yes then status will be changed to completed by merchant if this is the only product of that order but if order contains more than one product then its status will be changed to inprogress and once the last product data of the order of that return get performed with jet return action the status will become completed by merchant.

<input type="checkbox"/>	Return ID ^	Order ID	Customer	Product		Status	Date	
<input type="checkbox"/>	7	8	Santa's Little Helper Santa's Little Helper	HTC Touch HD	completed by merchant	05/12/2015	05/12/2015	 <div style="position: absolute; top: -10px; left: 50%; transform: translate(-50%, -50%); font-size: 8px;">you have accept the return for this product</div>

CRON STATUS

The updated status will be reflected (visible) as follows:-

Activity	Time Required for Updating (min)
Order Creation	10
Error in Rejected Files	10
Return Status	30
acknowledge Status	30
Product Status	20

SUPPORT

If you need support or have questions directly related to JET-OPENCART INTEGRATION, please use our Online Message Form to contact our support team or send us an email at support@cedcommerce.com

Best Regards,
CedCommerce Team