OMNIVA SHIPPING MODULE FOR OPENCART

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Supported OpenCart versions

Module supports Opencart 2.3, 3.0 and above OpenCart versions. It is based on OCMod, an OpenCart native modification engine. For ease of access Omniva module places its modification file (omniva_m_base.ocmod.xml) in OpenCart system directory.

Prerequisites

- OpenCart 2.3
- OpenCart 3.0 or above
- Write access to OpenCart system directory
- PHP 5.6 (Recommended 7+)
- FTP access to upload module or server and OpenCart setup to allow large file uploads (at least 40MB)

Installation

Step 1. Uploading module

Module can be installed either by using OpenCart installer or by uploading module files into the main OpenCart directory by FTP.
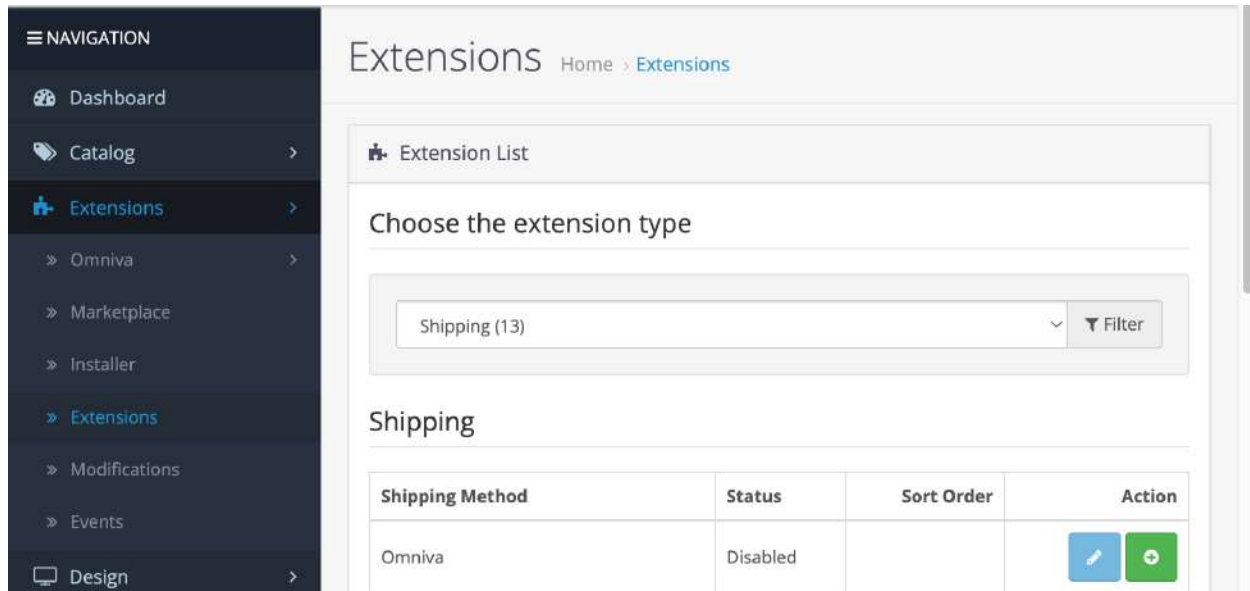
- ## OpenCart installer method
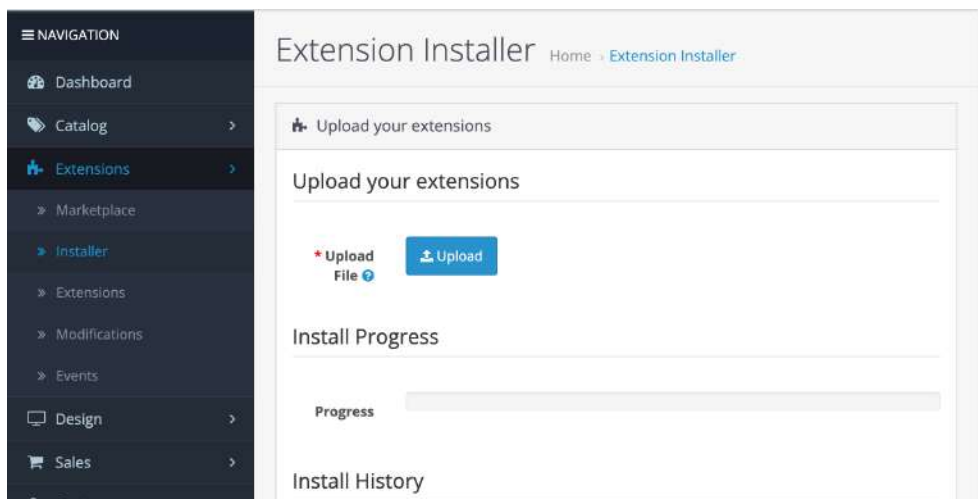
Simply upload `omniva_m.ocmod.zip` file and Opencart should handle everything else. However if there is issues with upload or server and OpenCart is not setup to allow large file uploads please use FTP method.

- ## FTP method

Extract omniva_m.ocmod.zip locally and upload all the files and folders from upload directory to your OpenCart main directory.

Step 2. Module install

Go to `Extensions -> Extensions` page and choose `Shipping`. From list find Omniva row and press green button with plus. This will install module.
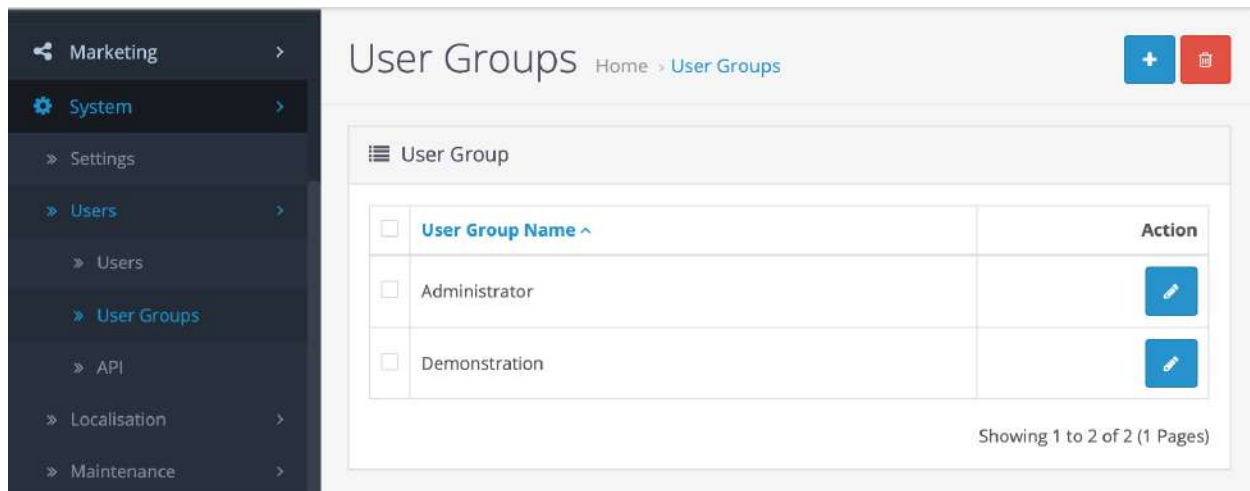

Step 3. Access / Modify permissions

To be able to use module within the admin (edit settings, access manifest page etc.) OpenCart permissions for user groups must be set. To do so please go to `System -> Users -> User Groups`
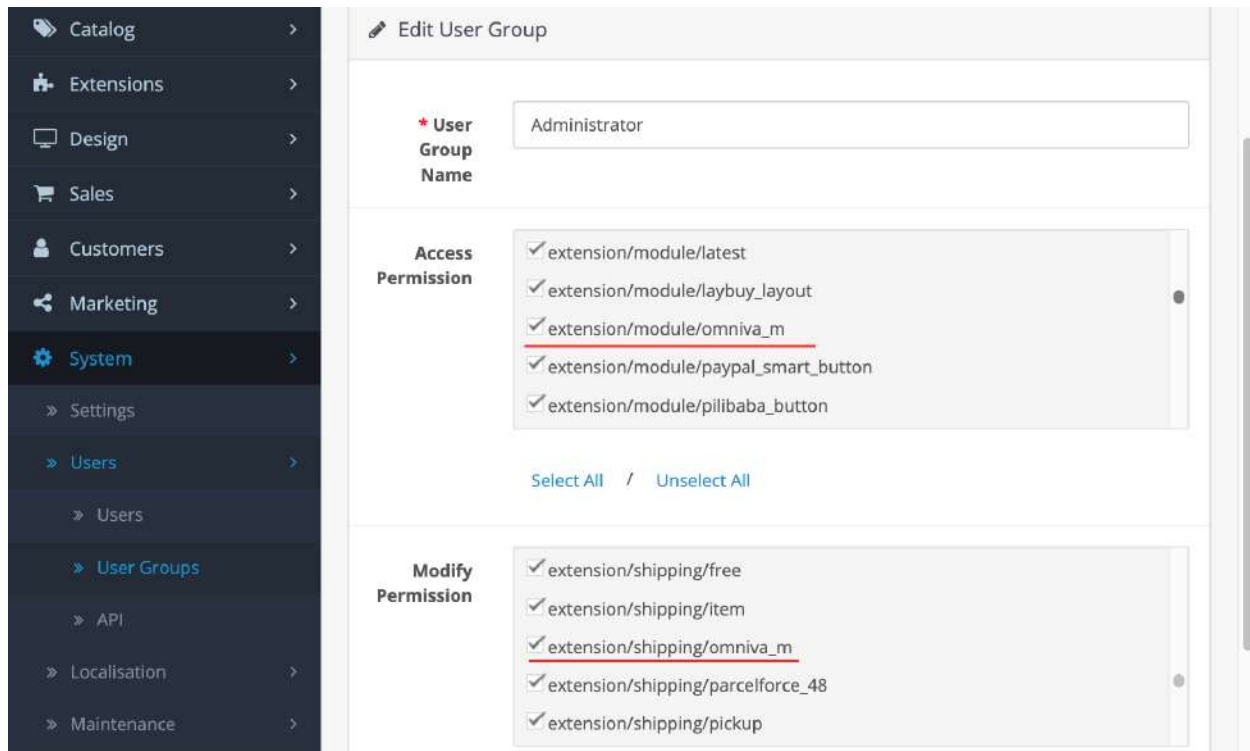
Then edit user group to allow access and/or modify permissions (there should be at least two entries in both windows with omniva_m paths)

Step 4. Configuring module settings

`Extensions -> Extensions` select Shipping and Omniva row use Pencil button to edit module settings. Until API and Sender information is set and saved there will be notification about other settings being locked (d)

First time opening settings there should be notifications about updating modification file (c) and in case of OpenCart 3+ there might be notification about change to database (b).

Module checks for new versions automatically when opening settings. If newer module version found it will notify (a).
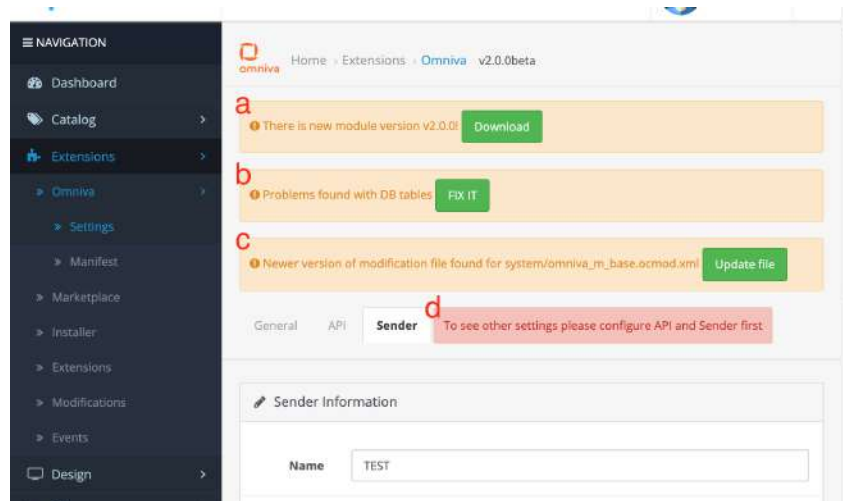
Step 5. Applying modifications

In order for the module to display map selector in checkout as well as other functionality some of OpenCart files needs to be modified. 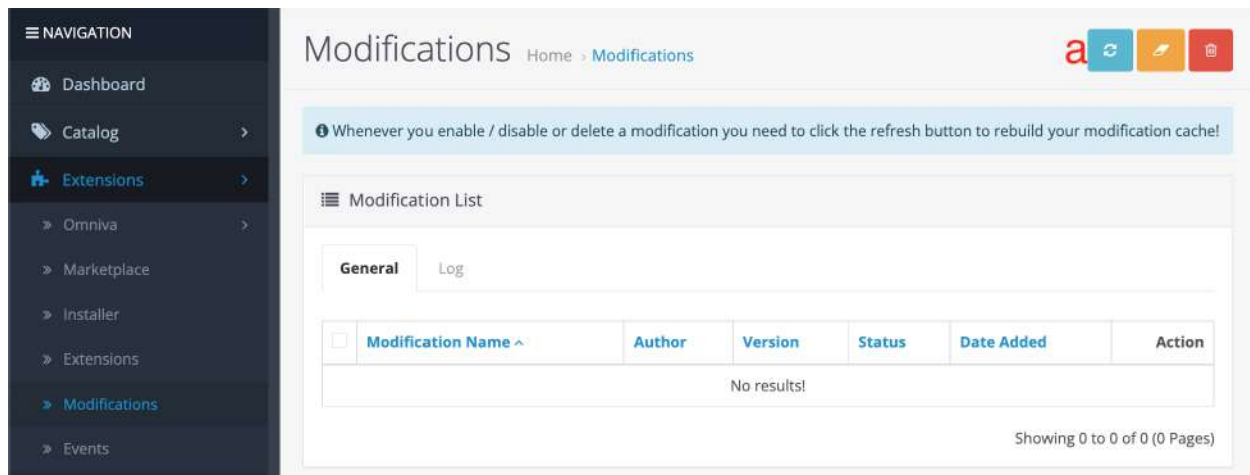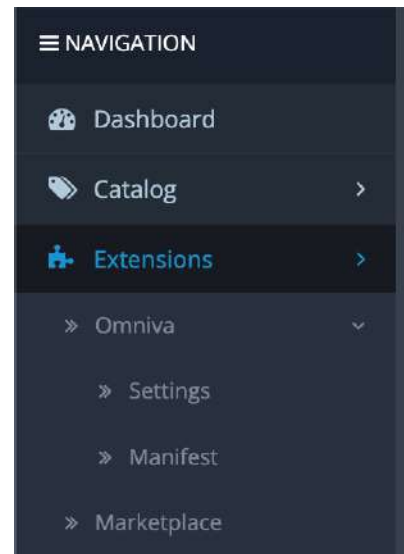OCMod is being used. When in module setting "Update file" inside notification about updated modification file omniva_m_base.ocmod.xml is pressed two things happens

1. Module copies over modification file into OpenCart system directory
2. Redirects user to `Extensions -> Modifications` OpenCart page

It is required then to press refresh button (a) to apply modifications. Please note that since module places ocmod file into system directory it is not showed in modification list table.
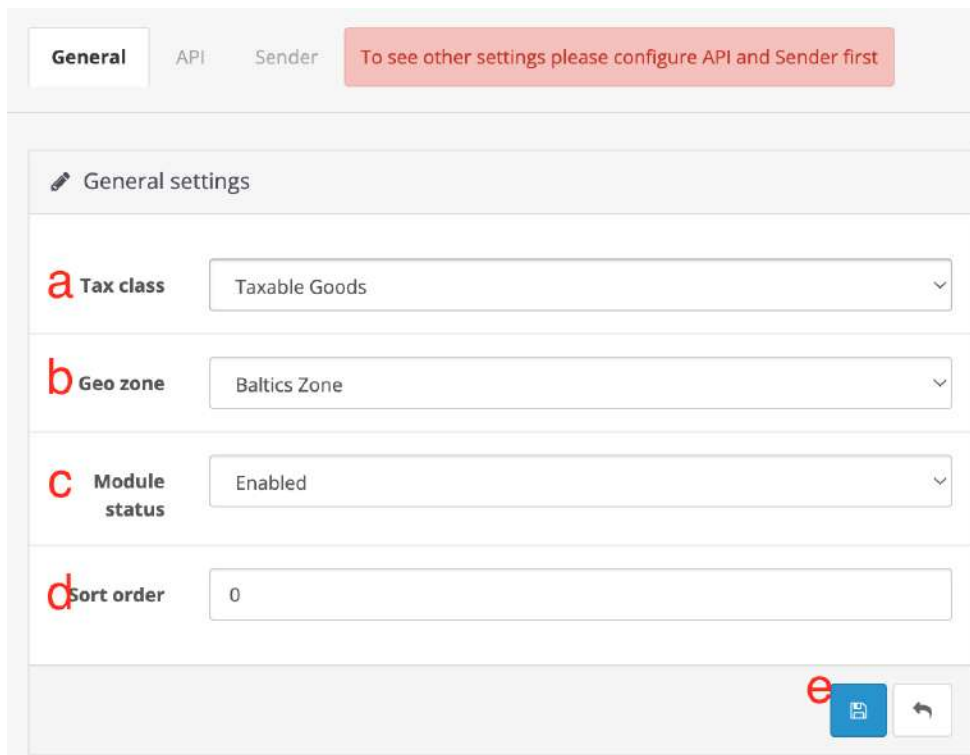

After modifications is applied new Omniva menu (Settings and Manifest) will be added to admin menu under Extensions.

Module settings

- ## General Tab

   This is general settings dependant on OpenCart

   (a) Tax class - set what tax class (configured in OpenCart) is used to calculate final shipping cost
   (b) Geo zone - It is recommended to use configured geo zones to limit module visibility to just selected countries. This setting also decides what countries will be displayed for price control
   (c) Module status - enables or disables module
   (d) Sort order - order where module should be if used together with other shipping modules
   (e) Press save button to save changes

- API Tab

(a) Contract Origin - country origin where Omniva contract was made. Default is "Other" and only should be changed if contract is done in Estonia
(b) Username to Omniva API is supplied by Omniva manager
(c) Password to Omniva API is supplied by Omniva manager
(d) Send parcel by - How parcels will be sent from your store
(e) Print labels - Option for what format should be used when printing Omniva labels. Can be Either A4 with 4 labels per page or A6 - one label per page
(f) Add Order ID as comment to label - option to add order id as comment to labels. Useful to not mix up labels when printing more than one at once. Default: Yes
(g) Press save button to save changes

- Sender Tab

Sender information, this info will be visible on labels and also used for courier call.

(a) Name - Sender name visible on label

(b) Street - Sender address visible on label

(c) Postcode - Sender address visible on label. Note! Latvian postcodes must be in format LV-XXXX

(d) City - Sender city visible on label

(e) Country - Sender country visible on label

(f) Mob. phone - Sender mobile phone visible on label

(g) E-mail - Sender e-mail

(h) Press save button to save changes

- Price Tab

Price settings support range behavior in input fields for better price control.

(a) Country for which price setting is being created. List depends on the set Geo Zone. Once price for country is added country is removed from this list
(b) Terminal price for the country. Supports range format (see bellow)
(c) Courier price for the country. Supports range format (see bellow)
(d) Range type set on what price is based. Can be based on Cart Weight or Cart Total
(e) Add price button saves price settings for the country
(f) After saving price setting for the country it is displayed in table as summary
(g) Button to edit price setting
(h) Button to delete price setting. After removal country will be added back to list (a)

- ## Price format.

Price can be set in multiple ways.
- Just price by itself. Eg. 1
- Can be left empty or negative. This will disable that option for the country. Eg. setting terminal price to -1 and courier to 5 means only courier option will be displayed
- Set as ranges in a format `rage_type:price ; range_type:price`

Example for range type Cart Total:

Terminal price	0:10 ; 50:2.5 ; 300:0	Range type	Cart Total ⌄

This means from cart total 0 to 50 price will be set as 10, from 50 to 300 as 2.5 and from 300 and above as 0

Example for range type Cart Weight, weight is assumed in kg:

Terminal price	0:2.5 ; 5:4 ; 20:8	Range type	Cart Weight ⌄

This means from cart weight 0kg to 5kg price will be set as 2.5, from 5kg to 20kg as 4 and from 20kg and above as 8.

Please note terminal option is automatically disabled if cart total weight is above 30kg.

- ## C.O.D Tab

It is recommended to setup at least which of installed payment methods are cash on delivery type. As that will let the module warn if an order is made with cash on delivery while this option is disabled for usage with Omniva.

Note! These settings does **not** affect payment methods, meaning having C.O.D disabled in Omniva module does not mean cash on delivery method will not be shown in checkout if Omniva method is selected. This setting is used only by module to know when to add additional information when registering labels.

(a) Enables or disables module ability to register labels with cash on delivery information
(b) List of all installed payment methods, methods that are for cash on delivery should be checked, this way module will know that label needs cash on delivery information added
(c) Bank account receiver name
(d) Bank account
(e) Press save button to save changes

- Terminals Tab

Displays information about terminals

(a) Time when terminals were updated last time
(b) Shows terminal count for each country. Note! Estonian post offices are not counted or used within module
(c) In order to automatically update terminal list please use cron job or other tools to visit given URL
(d) Can be used to update terminals anytime manually

- Tracking Email Tab

If enabled, the module will send a text email to the customer with tracking URL after label was generated. OpenCart mailer is used for sending. Please note if mailer is configured to use PHP mail() function it might not always work or get blocked. It is advised to setup SMTP for mailer.
Note! Send email is in text format, as the module does not support html templates.

(a) Enable or disable email sending
(b) Tracking URL to be used with barcodes, use @ to mark where barcode should be placed
(c) Email subject
(d) Email template. Within template special tags can be used to place either tracking URL or barcodes.
  - `{{ tracking_url }}` used to insert tracking url
  - `{{ tracking_number }}` used to insert barcode
(e) Press save button to save changes

Manifest page

Omniva manifest page can be reached `Extensions -> Omniva -> Manifest`

(a) Button to mass print/register labels for marked orders. Module will try to register label if order has no barcode or had previously an error, and if barcode already exists will print that label

(b) Button to create manifest with marked orders. Only orders that are not in manifest will be used to create manifest

(c) Button to call Omniva courier for pickup

(d) List of all orders made with Omniva shipping method selected
- Order ID
- Customer - order customer name, also link to open order details
- Status - current order status
- Barcode - latest registered barcodes or in case of error last error
- Manifest ID - if order was added to manifest it will show manifest ID

(e) Single order label print / register

(f) Print existing manifest. Only visible if order is in manifest (Manifest ID column shows manifest ID)

(g) Filters, see below for details

Spinning circle inside button shows that click is received and it is working. Please wait for it to finish.

- Filters

Manifest filters help to filter out certain orders for label registration and/or manifest creation.

(a) Filters by given Order ID
(b) Filters by given customer name
(c) Searches for a barcode or part of barcode. Please note it searches through whole history while table only shows the latest barcode or error. To see such barcode please look inside order Omniva panels Label history tab
(d) Has barcode - filter by orders that have barcodes or vice versa
(e) Is in manifest - filter by orders that are in manifest or vice versa
(f) Order status - filter orders by status
(g) Use filter and load results

OpenCart Sales Order List

Module inserts additional functionality into default `OpenCart Sales -> Orders` menu for easier identification of orders made with Omniva shipping method.

(a) Orders with Omniva shipping method is marked with Omniva logo near customer name

(b) Button to Print/Register Omniva label. It only affects orders with Omniva shipping method, and tries to register labels if they have no registered barcode or had an error or Omniva order information was changed recently.

(c) Button to call Omniva courier. Same as button in Omniva manifest page

(d) Additional filter so only orders with Omniva shipping method is shown

Order information page

Module inserts additional panel into OpenCart order view page with additional information used for registering labels. As well label history about previously registered barcodes or errors. Changing order information in this panel when barcode has been registered will mark order as needing a new label. It will also remove this order from manifest if it was added into one.

- Omniva order information tab

(a) Information to what manifest ID this order has been included. Shown only if in manifest
(b) Shows latest registered barcodes or errors. Also if order information has been changed in some way
(c) Can be set to have multi parcel (multiple barcodes for one order). Only available when shipping method is courier
(d) Order total weight. Note! Omniva terminals allow a maximum weight of 30kg. If multi parcel is used - weight will be divided by the multi parcel number
(e) Cash on delivery information. C.O.D yes/no is determined automatically based on module C.O.D settings.
(f) Button to register label. It will warn about registering if order already has barcodes. Registering again removes order from any manifests it was in before
(g) Prints label. Only visible if registered barcodes are available

(h) Save order data button saves changes done in this panel, upon success order page will be reloaded. This action also invalidates previously registered labels (which is still accessible through Label history tab) as well removes order from any manifest it was in

- Label history tab

(a) Label history table shows previous actions like errors during registration, service and additional service codes with which module tried to register the label.
(b) Button allows to print again previously generated label. Note! Only latest label should be used when sending parcel.

Module updating

Module updating works the same way as installation either upload using FTP or install with OpenCart installer.

After uploading first thing to do is go to Omniva module settings, if modification file has changed module will notify about it
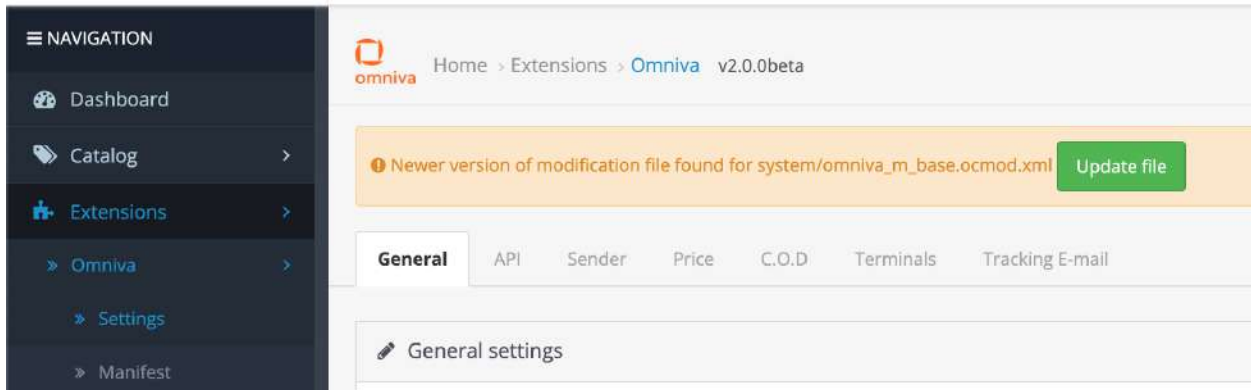

Pressing "Update file" button module will update modification file in opencart system directory and redirect to `Extensions -> Modifications` page
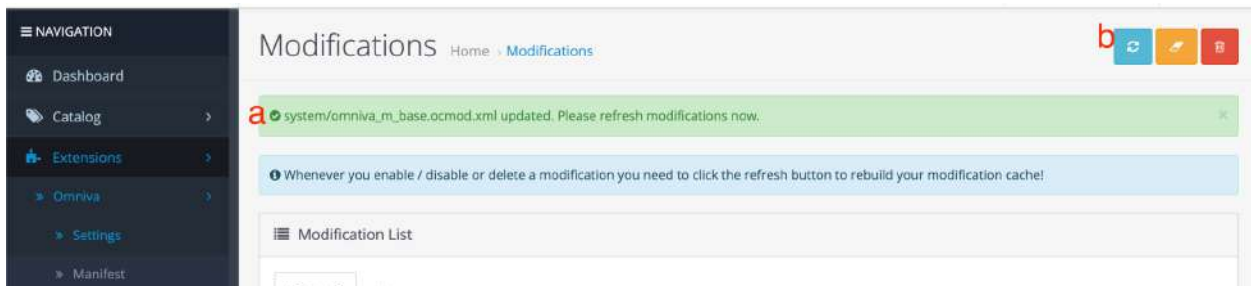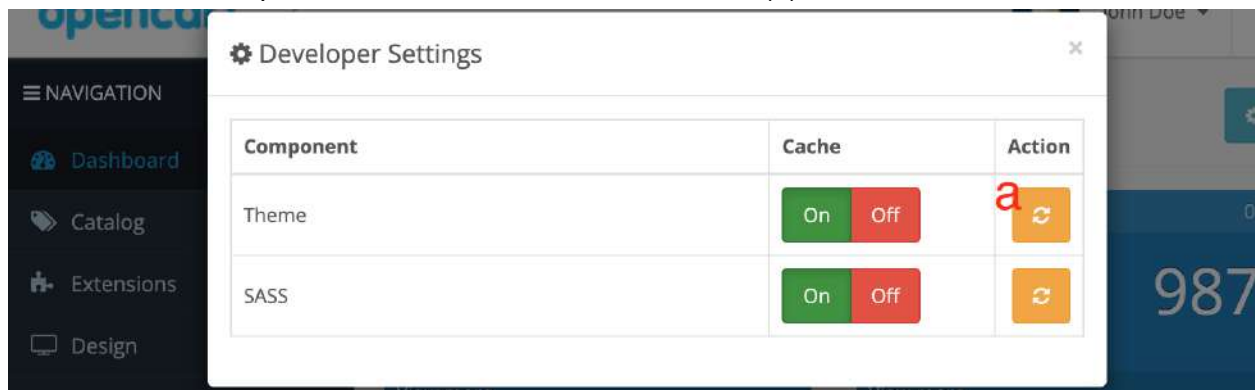

It will have notification that omniva_m_base.ocmod.xml files has been updated (a) and modification refresh is needed by pressing "Refresh" button (b).

In addition, OpenCart 3+ Theme cache must be refreshed. To do so go to Dashboard and press cog button (a).
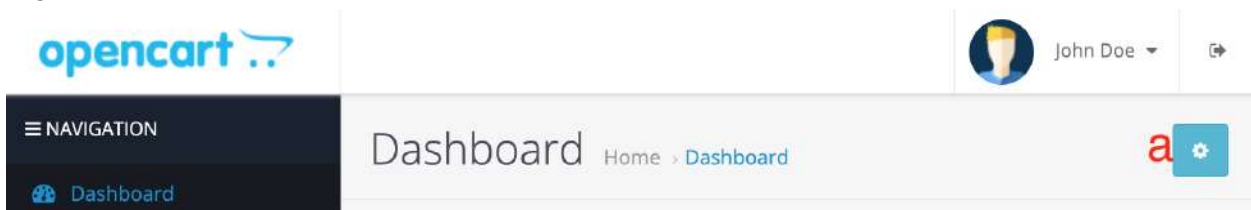
From window that opens use refresh button at Theme row (a).

Please check if any other third party caching modules are used and if needed update cache.