



Extension for Magento eCommerce Installations User Guide

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Support Contact Information

Customer Support can be reached:

Via Email at support@sellercloud.com

Via phone at (888) 315-6652

Developer support inquiries can be directed to raman@sellercloud.com

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1. Support Contact Information

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2. What is SCME?

This extension allows merchants to streamline their processing of inventory, listings and orders seamlessly between their magento stores and their Sellercloud account. Additionally this allows merchants to develop and manage accounts on other marketplaces all from one system without disrupting their existing web store workflows.

2.1 SCME Front-end and Back-end

SCME has a minimal frontend and no back-end. It does not require any backend because the objective is to synchronize the data between the magento store and sellercloud.

There is no GUI for the frontend. This extension offers a few endpoints (e.g. <https://yoursite.com/scm2/export/order/getorder>) which are used by Sellercloud for the purpose of data import and export.

3. SCME Concept

There are few magento entities which are required to be stored in Sellercloud. This allows merchants to manage their data internally with Sellercloud. Once setup, the merchant user is able to sync the updated information from Sellercloud via a simple action.

Again, the merchant is able to import the orders from their magento website. This allows merchants to control, review and manage their consolidated balances from within their Sellercloud account.

a. Import into Sellercloud from Magento website

The data from the magento site is exported as XML.

In order to help the user manage the magento data in Sellercloud, the following entities are imported into Sellercloud:

- i.** Product information & Inventory
- ii.** Product Categories
- iii.** Orders
- iv.** Carriers / Order shipping methods
- v.** Customer groups

b. Export from Sellercloud to Magento website

To push the data from Sellercloud, XML is used and posted to the magento site. The SCME, then stores the request as XML in the 'job' table of the magento database. Subsequently, the requested XML is processed to update entities like products, orders etc.

- i. Product Information** – Product types such as normal, configurable (along with children skus) are sent for export. Such products contain categories, custom attributes, store info, descriptions and other details.
- ii. Inventory Synchronization** – Inventory adjustment in Sellercloud or the remote magento site as well as an order creation in magento site have an impact on product stock. Sellercloud tries to sync the data at regular intervals.
- iii. Order Shipment** – Shipment tracking for the orders can be created in Sellercloud and the same can be exported to mark those shipped and complete. For an unpaid order, invoice can also be created subject to the given rules.
- iv. Order Cancellation / Refund** – An order, cancelled in Sellercloud, can be synchronized to have the same effect on magento site. For refunds, where an order was paid with an ONLINE payment method, can be refunded, subject to the rules prescribed by Magento.
- v. Order Payment Capture** – When an order has an authorized payment, Sellercloud is able to capture the payment from within it's interface.

4. Installing SCME

a. Setting up SCME in magento website

Once downloaded, unzip the extension and place under the [magento website root]/app/code so that the path looks like [magento website root]/app/code/Sellercloud/Scm2/...

Normally, like other magento extensions, it can be installed over SSH console. To install SCME from within the console, based on the environment setting in Magento, the following commands are useful:

```
bin/magento setup:upgrade
```

```
bin/magento cache:flush
```

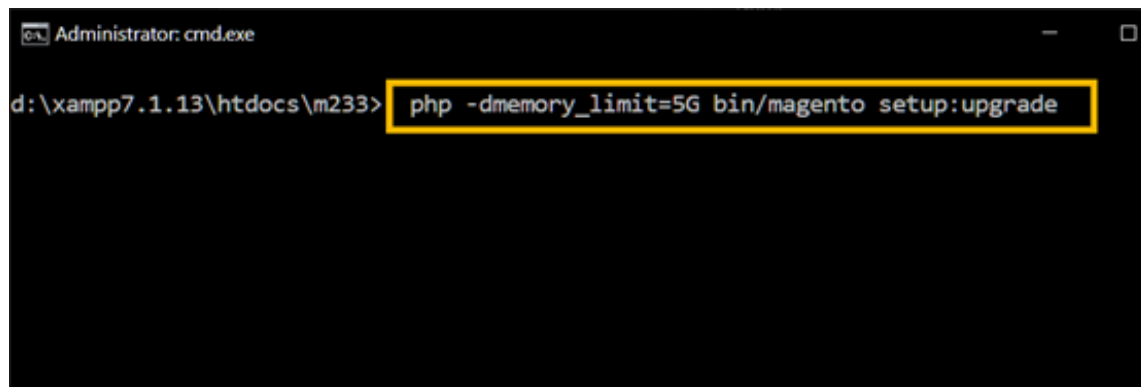
```
bin/magento cache:clean
```

[When compilation is required]

```
bin/magento setup:di:compile
```

[To deploy static contents]

bin/magento setup:static-content:deploy -f



```
Administrator: cmd.exe
d:\xampp7.1.13\htdocs\m233> php -dmemory_limit=5G bin/magento setup:upgrade
```

b. Setting up and authenticating SCME in Sellercloud

Before Sellercloud makes API calls to the magento installation via this extension, the user must be authenticated and have necessary permissions to access the API resource. Authentication allows Magento to identify the caller's user type. The calling user must be an administrator on the magento site in order to access data via the API.

For any such API request calls made from Sellercloud, username and password are encrypted with 128 bit AES (Advanced Encryption Standard). SCME decrypts the request with the help of an Authorization request header and authenticates the user within magento.

5. Updating SCME

Updating the extension is done in the same way as other Magento extensions. An update can be requested from Sellercloud support or be downloaded from Magento.