



Magento is an e commerce platform built on open source technology which provides online merchants with flexible shopping cart system, as well as control over the look, content and functionality of their online store.

The API Integration allows you to connect to the NPFullfilment Logistics Platform-

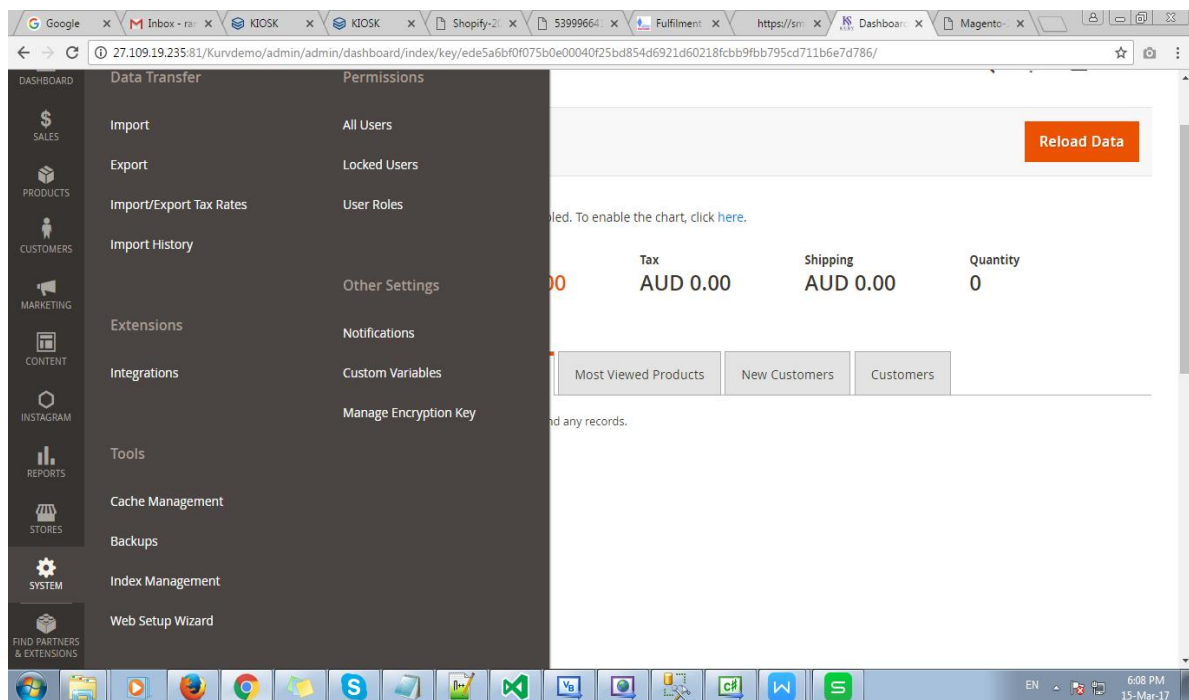
- Pull Orders from Magento Client side.
- Push Tracking number back to Magento from NPFullfilment.
- Push Tracking URL back to Magento from NPFullfilment(Optional)
- Push the SOH (Stock on Hand) quantity back to the client site.
- Push the Available Stock on Hand quantity (Optional)

Requirements from client in order to integrate with NPFullfilment Logistics Platform -

- URL
- Login User Name and Password to the Shopping Cart

Steps to Setup New Role: To create new API Role from Magento's Admin follow below steps:

1. System -> User Roles -> Add New Role.



2. Enter Roll Name and Your Current Admin Password and Click on Role Resources.

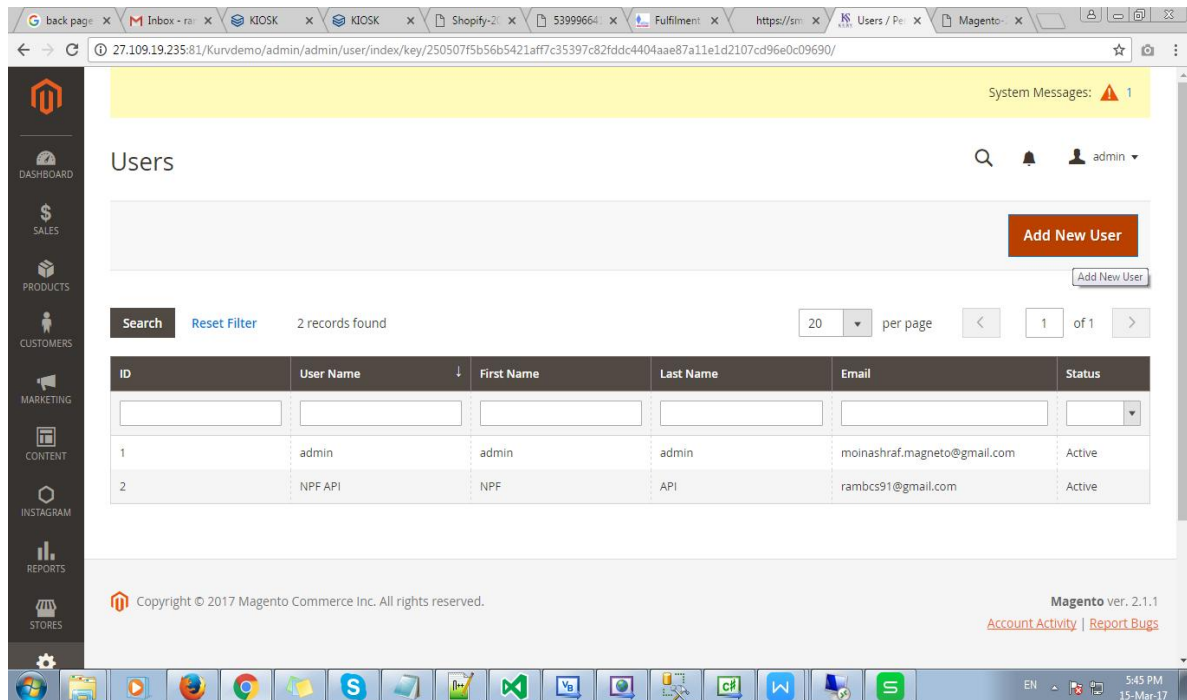
The screenshot shows the 'New Role' page in the Magento Admin interface. The left sidebar contains navigation links for Dashboard, Sales, Products, Customers, Marketing, Content, Instagram, Reports, and Stores. The main content area is titled 'New Role' and includes a search bar, a notification bell, and a user profile dropdown. Below the title, there are 'Back', 'Reset', and 'Save Role' buttons. The 'ROLE INFORMATION' section is active, showing 'Role Info' and 'Role Resources' tabs. The 'Role Information' section contains a 'Role Name' field with the value 'API User'. The 'Current User Identity Verification' section contains a 'Your Password' field with masked characters. The 'Save Role' button is highlighted in orange.

3. Select Sales and Products and Click on Save Role.

The screenshot shows the 'New Role' page with the 'Role Resources' tab selected. The 'Resource Access' dropdown is set to 'Custom'. The 'Resources' list shows a tree structure with 'Sales' and 'Products' selected. The 'Save Role' button is highlighted with a red box. The 'Resources' list includes the following items: Dashboard, Sales, Operations, Orders, Invoices, Shipments, Credit Memos, Billing Agreements, Transactions, Fetch, Products, Customers, Carts, My Account, Marketing, Content, Reports, Stores, System, and Global Search.

Steps to Setup New User: To create new API User from Magento's Admin follow below steps:

1) System -> All Users -> Add New User

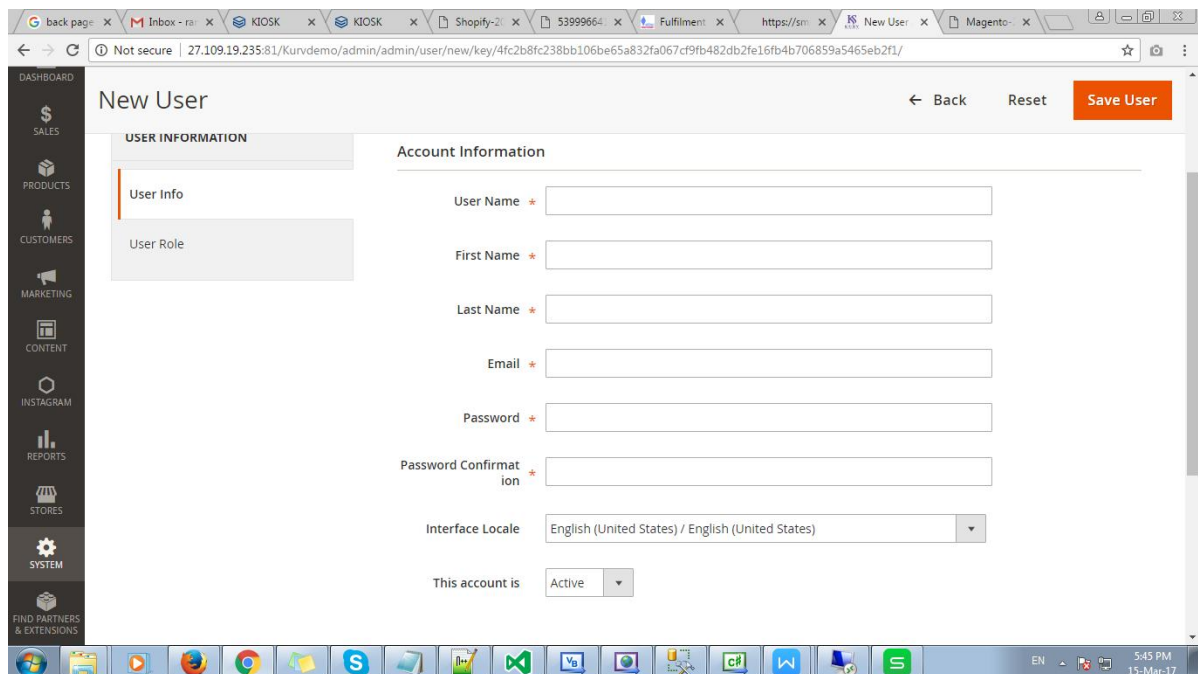


The screenshot shows the Magento Admin interface. The left sidebar contains navigation links: DASHBOARD, SALES, PRODUCTS, CUSTOMERS, MARKETING, CONTENT, INSTAGRAM, REPORTS, and STORES. The main content area is titled 'Users' and features a search bar, a 'Reset Filter' button, and a table of users. A yellow banner at the top right indicates 'System Messages: 1'. An 'Add New User' button is visible in the top right corner of the main content area.

ID	User Name	First Name	Last Name	Email	Status
1	admin	admin	admin	moinashraf.magneto@gmail.com	Active
2	NPF API	NPF	API	rambcs91@gmail.com	Active

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2) Enter all Account Information and select Account as Active and click on User Role.



The screenshot shows the 'New User' form in the Magento Admin interface. The left sidebar is the same as in the previous screenshot. The main content area is titled 'New User' and contains two tabs: 'User Information' and 'Account Information'. The 'Account Information' tab is active, showing fields for User Name, First Name, Last Name, Email, Password, Password Confirmation, Interface Locale, and This account is (set to Active). A 'Save User' button is visible in the top right corner.

User Information

Account Information

User Name *

First Name *

Last Name *

Email *

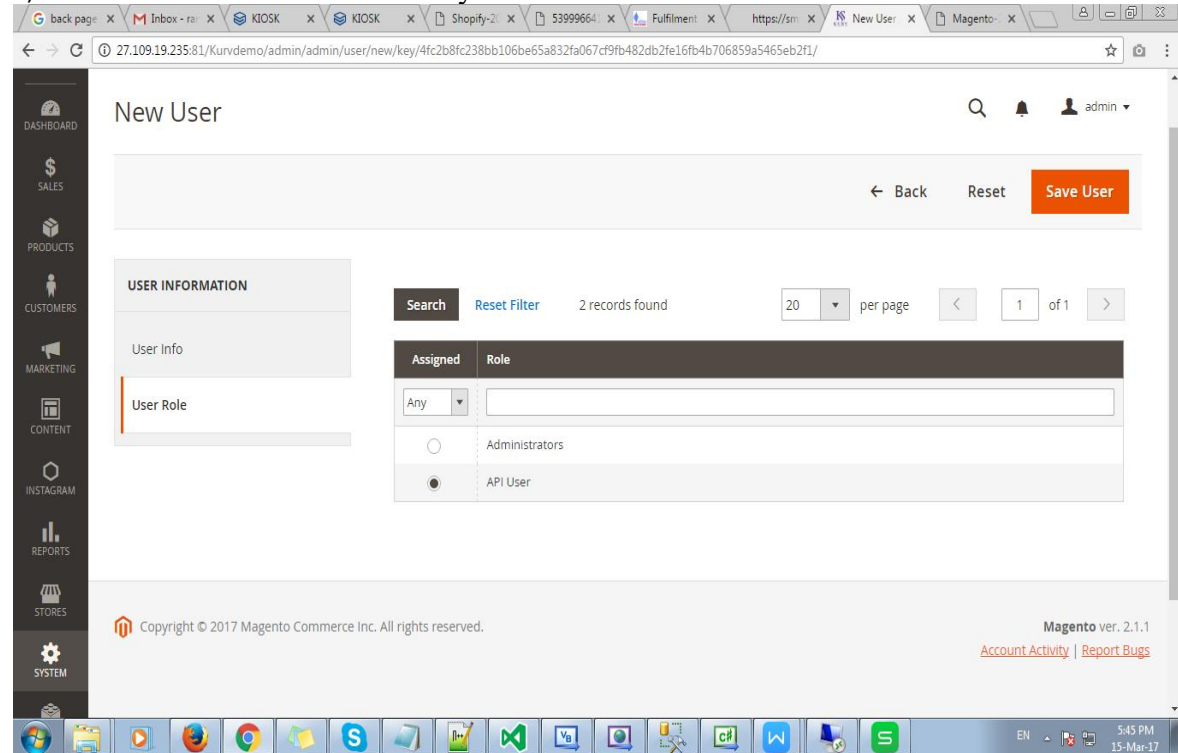
Password *

Password Confirmation *

Interface Locale: English (United States) / English (United States)

This account is: Active

3) Select the User Role that newly created and Click Save User.



Testing Criteria: Test Orders to be created using the following test items to test the full integration. These are test items and we will not physically dispatch them during the testing process

Test001 / Test002 / Test003

Order Filters that can be applied are as below:

Order Start Date: - This is the date that the client would like to start sending the live orders for shipment. This will start from 12AM on a particular date. We cannot apply a particular time to pull the orders; hence it is just the date that is captured.

Prefix of the order: - We can apply a prefix to the order numbers coming in from Magento. For instance, if the order number from Magento is 1001 then we can add a prefix like BG. On the NPFulfilment platform this order will be MY1001. Sometimes a client can have multiple stores on Magento, at this time the prefix helps to differentiate the orders from each site. For instance, if site 1 has order 1001 and site 2 also has order 1001 then prefix applied can be

Site 1 – MY

Site 2 – MY2

Hence the orders in the NPFulfilment platform will appear as

Site 1 – MY1001

Site 2 – MY21001

Order Status: - Statuses an order can go through are

Pending ---- When a New order is created

Processing ---- When the orders are invoiced or shipped in Magento

Complete --- When an order gets the tracking number from
NPFulfilment

Country Filters: - using this feature we can always update the countries from which the client wishes to receive the orders.

Stock Updates – NPFulfilment can push the stock levels to the client Magento cart. There are two options

- 0 SOH Quantity – This is the actual physical stock at the warehouse.
- 0 Available SOH Quantity – This is the quantity that is retrieved after deducting the orders from the SOH/ Ready for Process stage/ Back orders if any

This happens once the orders are processed and shipped on our end.

FAQ's

1. **When your API updates our orders could that send the Magento email with the tracking number? (ANS) You will have to check this from your end and trigger the emails.**
2. **What is the best way to send the orders that you cannot send? Do we just mark it as sent in our Magento admin and it will update or do we have to mark it as sent in Magento and then cancel on your system as well. (ANS) you can mark the orders as completed on your end and ensure that these have not come into FM. If they have already come in then you will have to manually log in to FM and cancel them before the processing time.**
3. **Is the Quantity of each item meant to be updated in our Magento backend at the end of each day?(ANS) no we can automate the SOH update to Magento**
4. **Does Magento have the ability to interact directly with the NPFulfilment instead of the generic Magento solution?(ANS) the only integration is the Magento- NPFulfilment API link where in we pull orders/ update tracking /update SOH if required.**