

Creating Magento Instance for Mule Magento Connector

**About Magento and Mule Magento Connector**

The Magento [connector](http://www.mulesoft.com/cloud-connectors-full) exposes the common Magento [APIs](http://www.mulesoft.com/platform/api) for Order tracking, Customer management, Stock Management, Invoicing, Product Management, Categorization and more. The[Mule connector](http://www.mulesoft.com/cloud-connectors-full) offers a Java interface to the [API](http://www.mulesoft.com/platform/api) and integration with Mule Flow.

**How This Document Helps?**

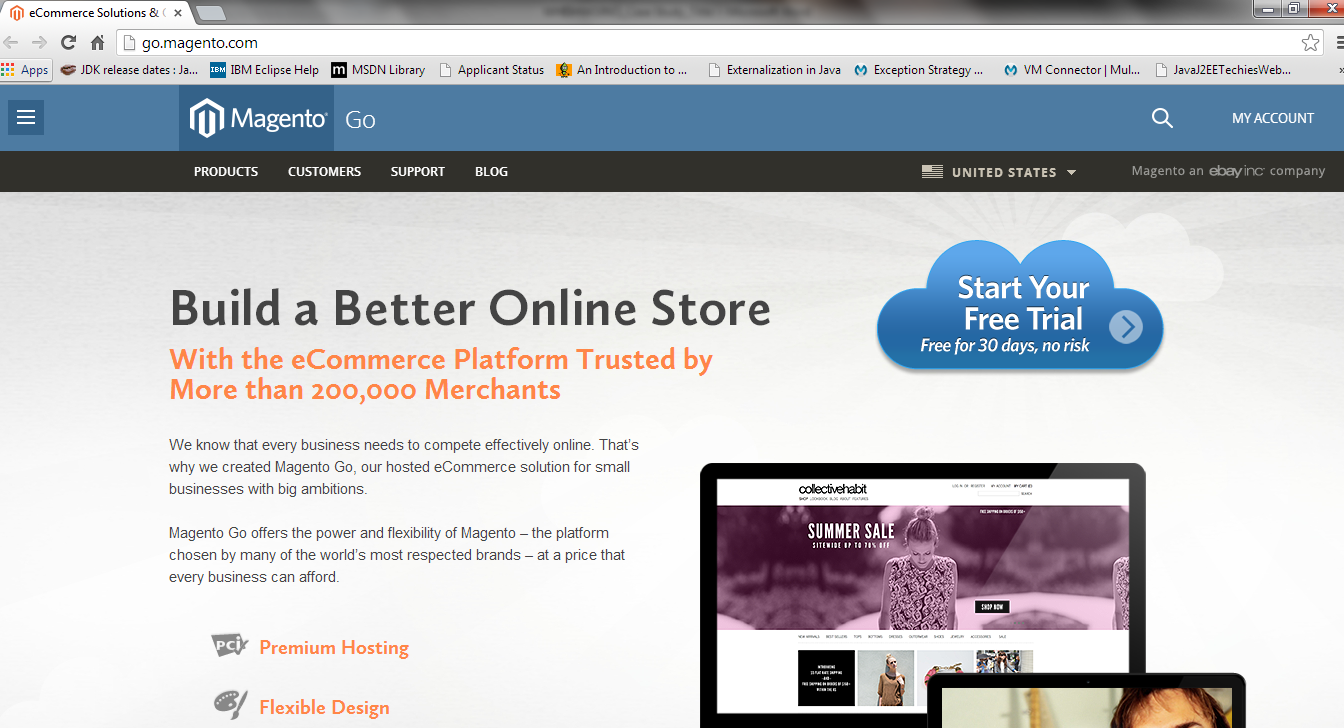
This is a cookbook to create the Mule Magento Connector prerequisites. A step by step approach has been provided to create the Magento Account and usage of the same in Mule Magento Connector.

Our goal here is to create the successful Magento Connector.

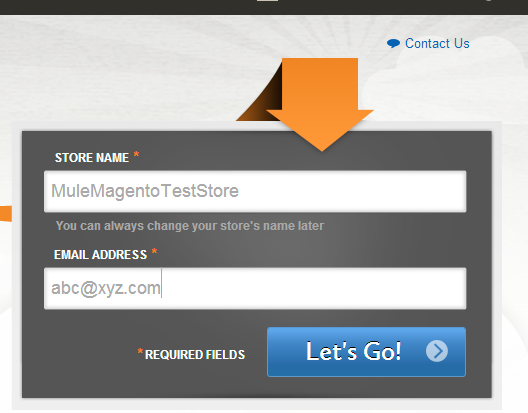
**Creation of Magento Account and Store**

Magento provides a privilege to create online stores. To explore the Connector usage and Proof of concepts we can utilize the below link to create the trail version of Magento site. **http://go.magento.com/**

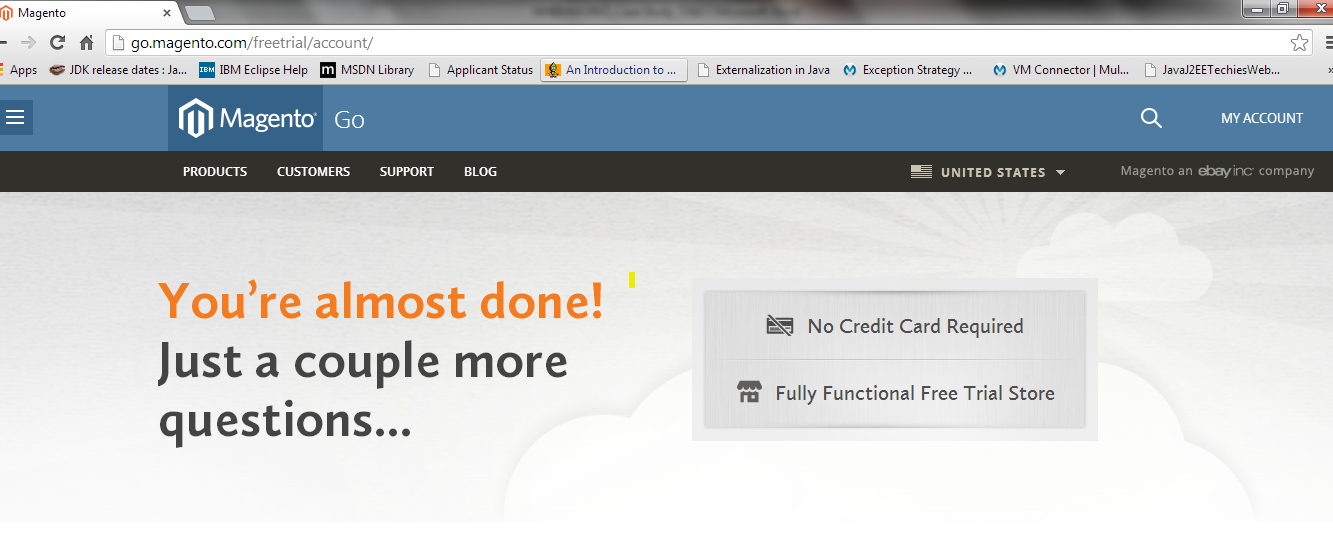
Step 1: Start your Free Trail

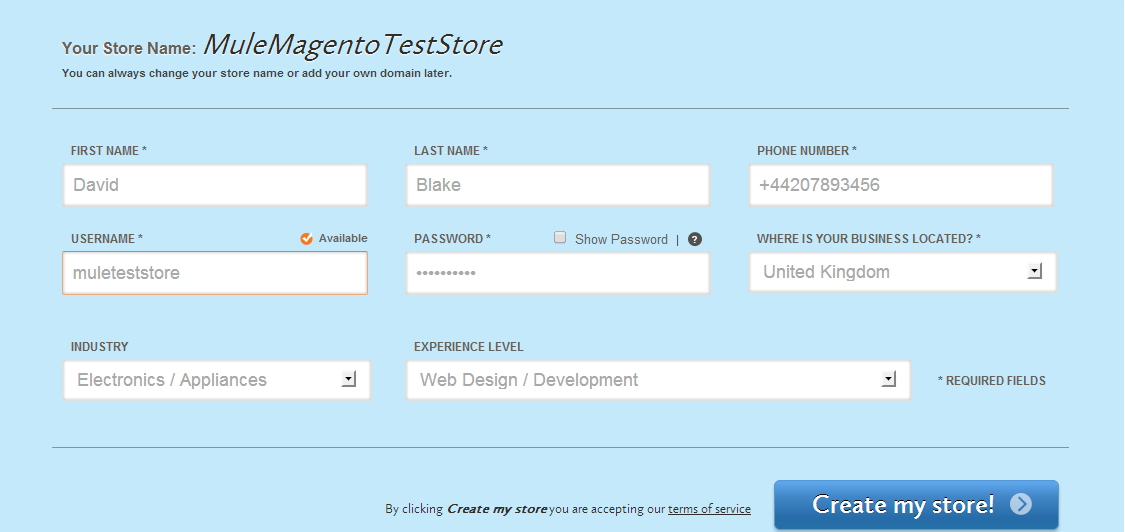


Create your Personalized Store Name and provide valid email address for future communications.

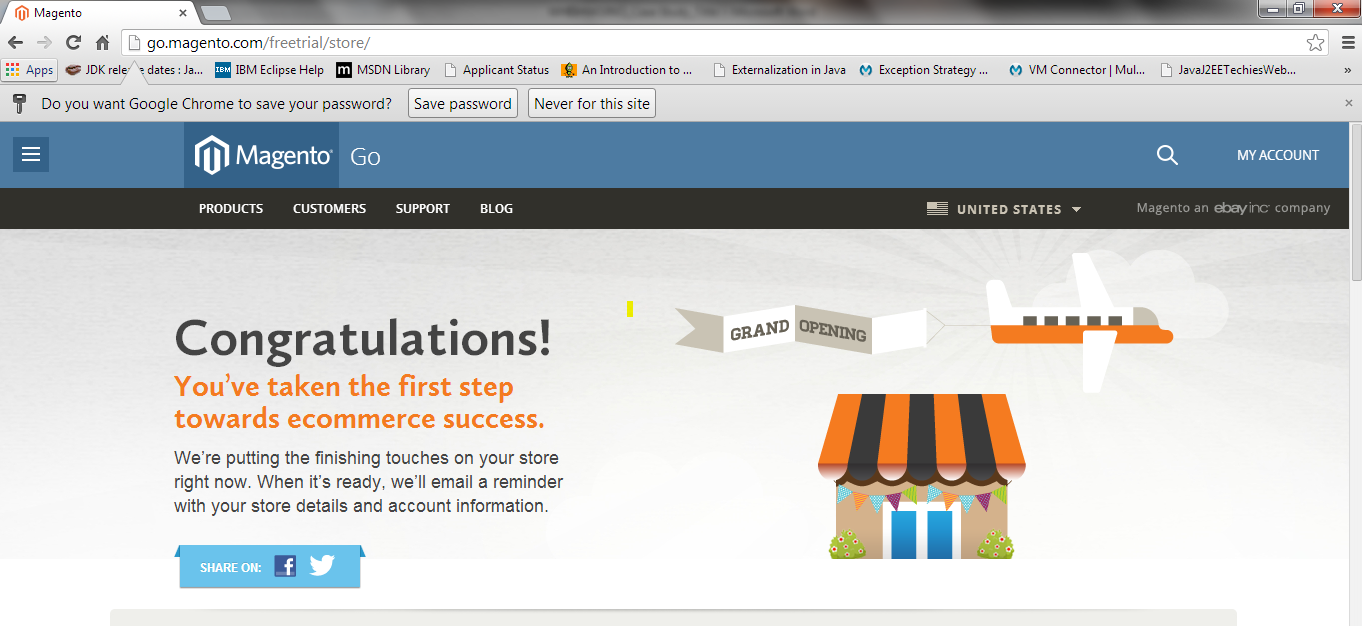


Once you click on “Let’s Go!”, the below screen will ask you to fill more details for creation of Magento Store.



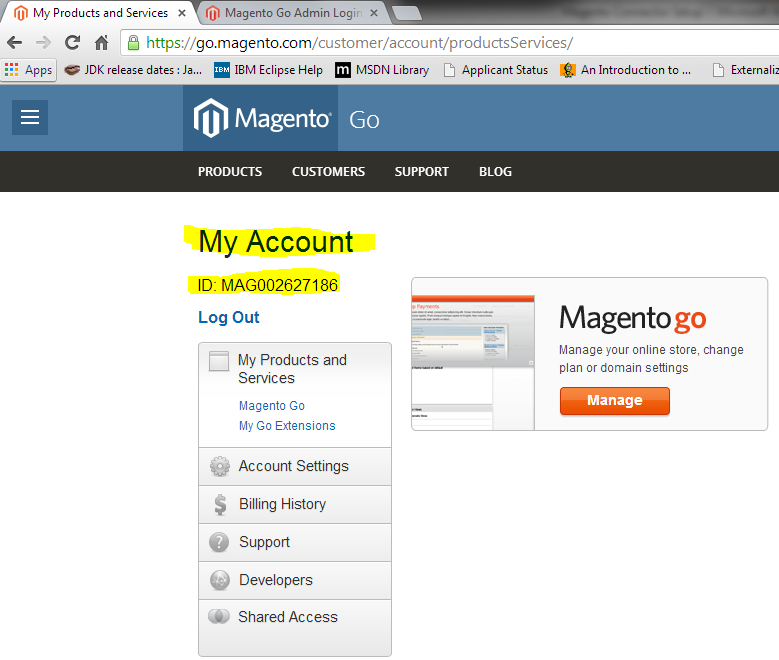


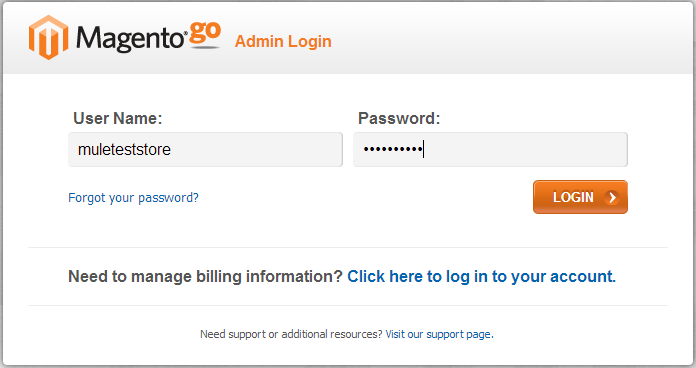
After you finish filling the required details the store is created and you are led to the below screen.





You can click on the individual admin URL and login with the UserID and Password or login to the Account to manage the multiple Stores listed as below.



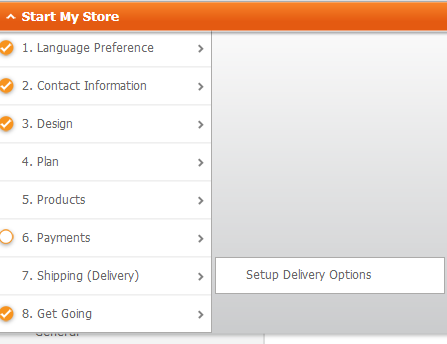


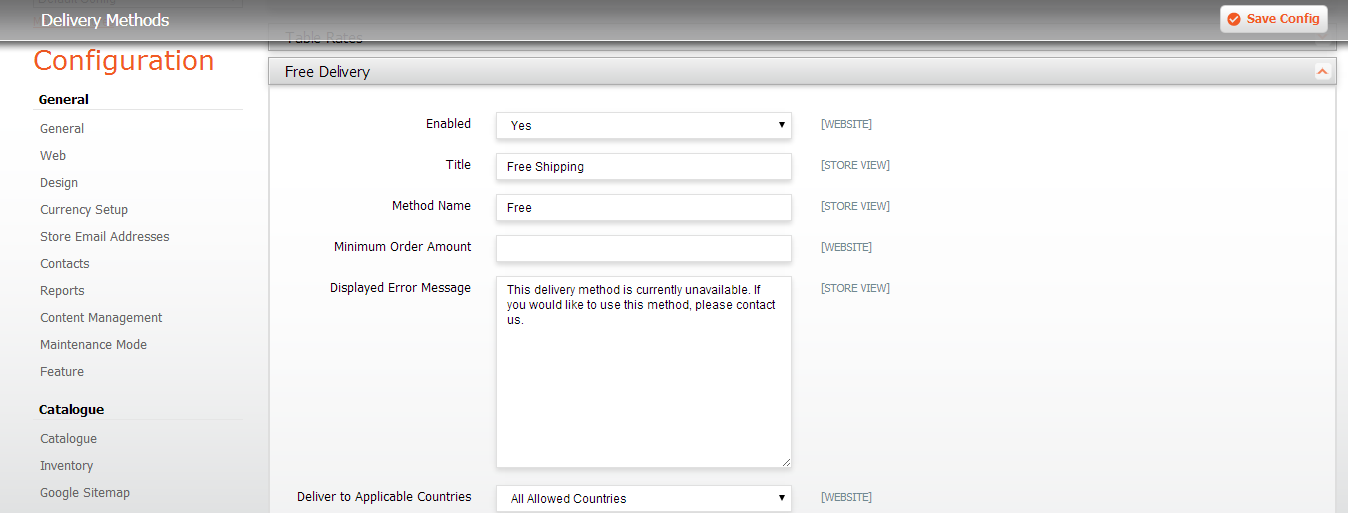
<https://mulemagentoteststore.mygostore.co.uk/index.php/admin>

The store can be customized and launched as per your requirements.

EX: Enable Free Shipping for order fulfillment.





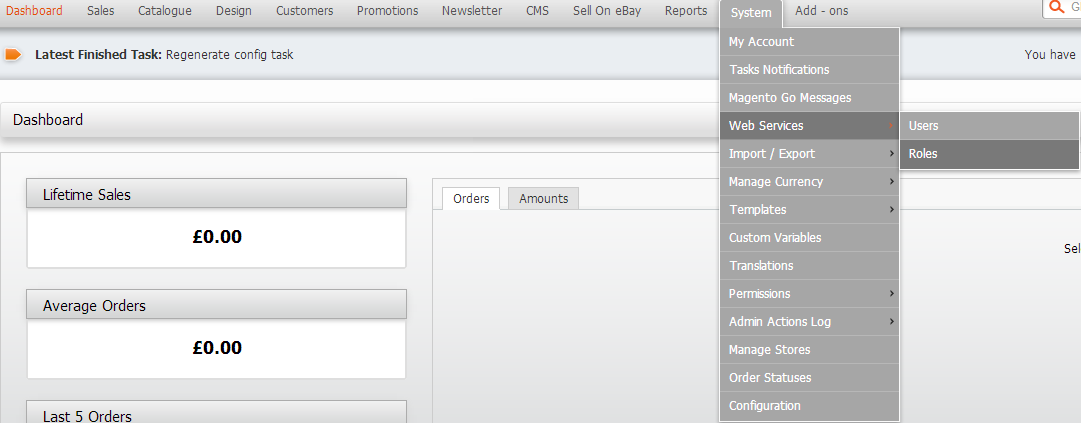


**Creation of Role in Magento Store**

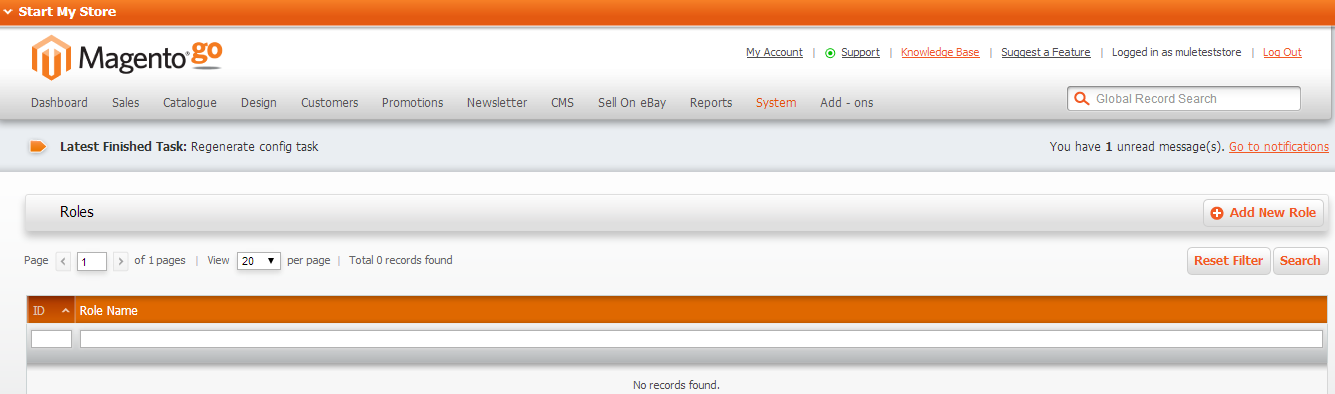
We are required to define multiple roles in the admin console to enable users with associated roles and perform the activities according to the authorization.

Follow the below steps to create a Role:

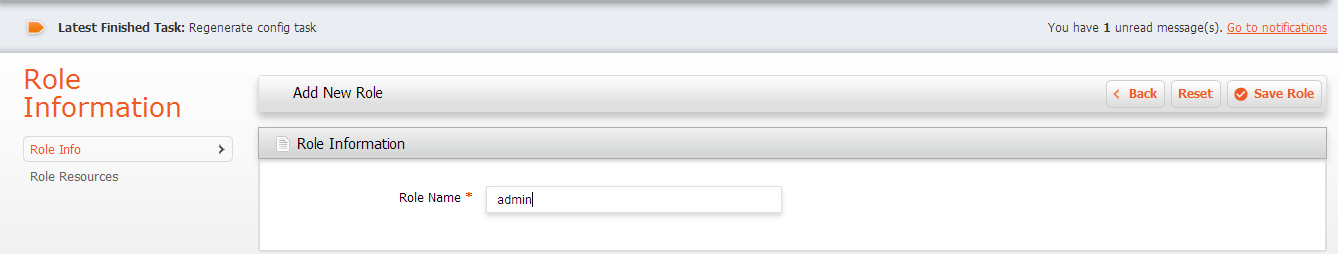
Step 1: Navigate till you reach **Roles** from **System** Menu item



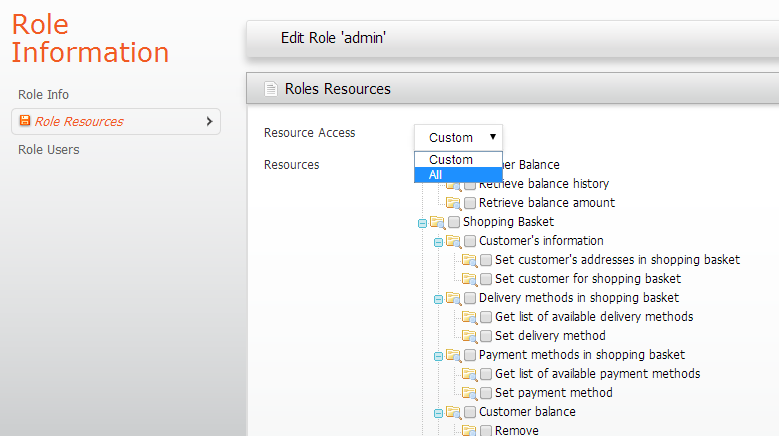
Step 2: Click on the “Add New Role”.



Step 3: Create admin role for all access to the store. “Save Role”.



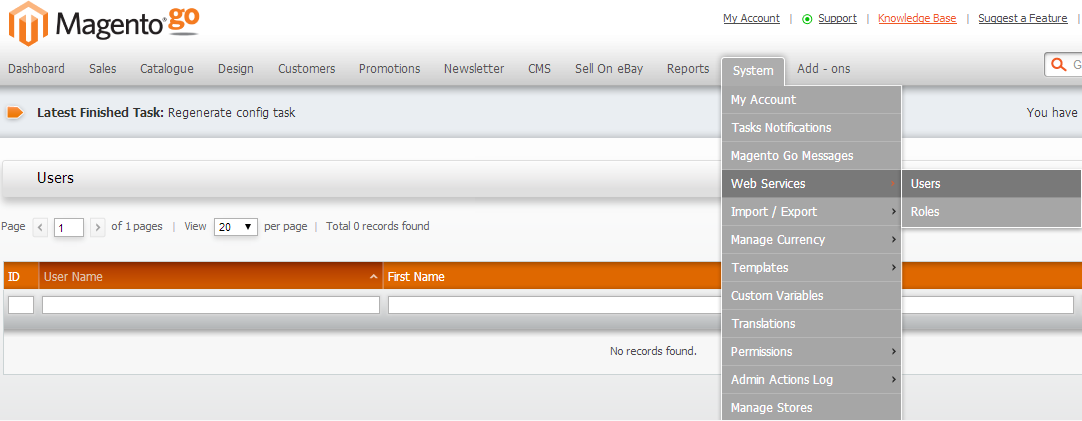
Step 4: Modify the Role Resources allocated to the admin role from custom to all (as per your requirement). Save Role Resources.



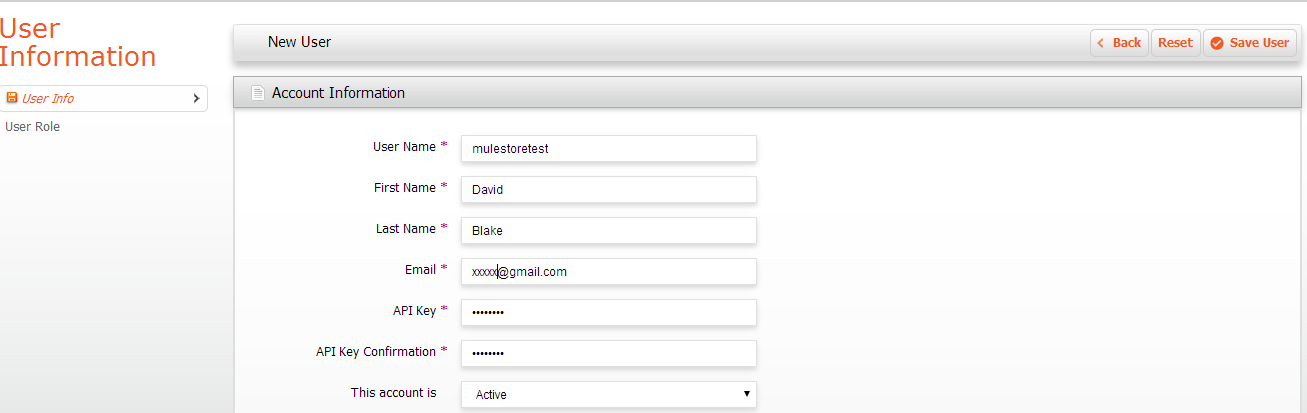
**Creation of Users and Assigning Roles**

In this section we create users and associate the roles for our store which we created earlier.

Step 1: Navigate till you reach **Users** from **System** Menu Item

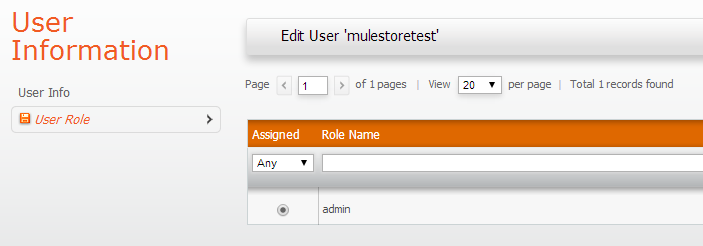


Step 2: Create user details



* The **Username** and **API Key** are required to create the successful connection using the Mule Magento connector.

Step 3: Add User Role “admin” to the user.



**Creation of Mule Connector in Mule Studio**

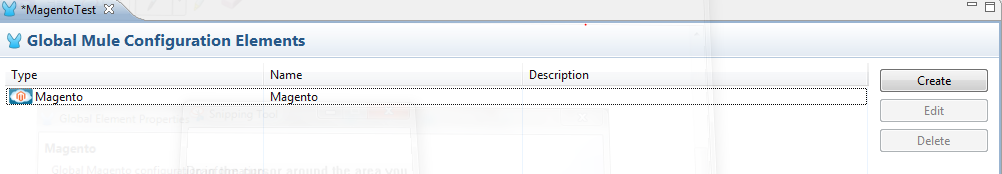
Create a product and update inventory using Magento connector.

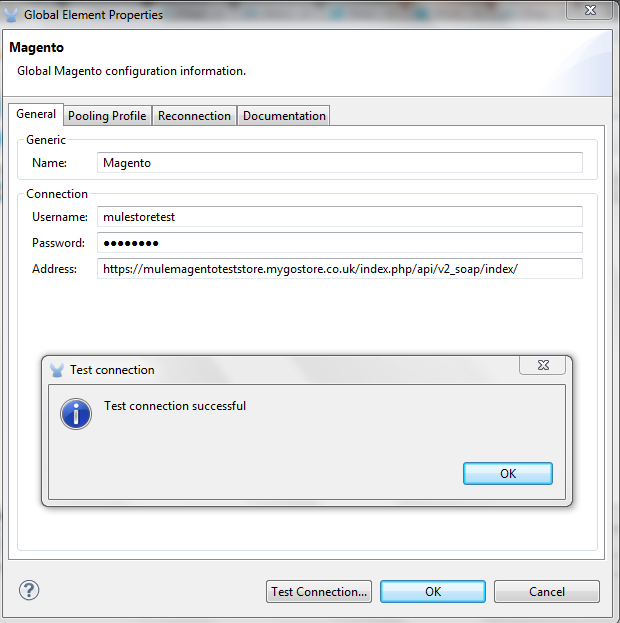
Global Magento Connector Configuration: Using Username, API Key and URL

**Note:** To find the URL to be used click on the following link for reference.

<https://www.magentocommerce.com/api/soap/introduction.html>

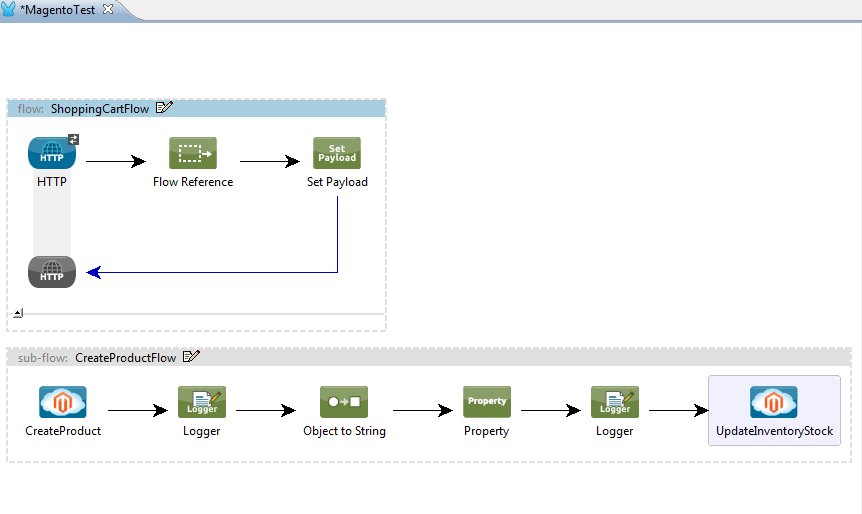
Ex: https://your store name + /index.php/api/v2\_soap/index/





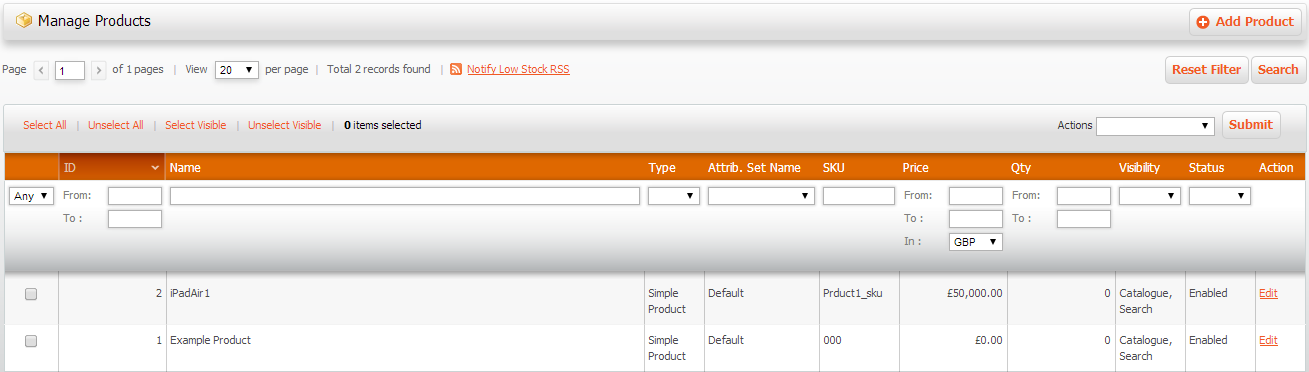
|  |
| --- |
| <magento:config name=*"Magento"* username=*"mulestoretest"* password=*"XXXX"* address=*"https://mulemagentoteststore.mygostore.co.uk/index.php/api/v2\_soap/index/"* doc:name=*"Magento"*> |

Creating a product from Mule in Magento and updating the inventory.

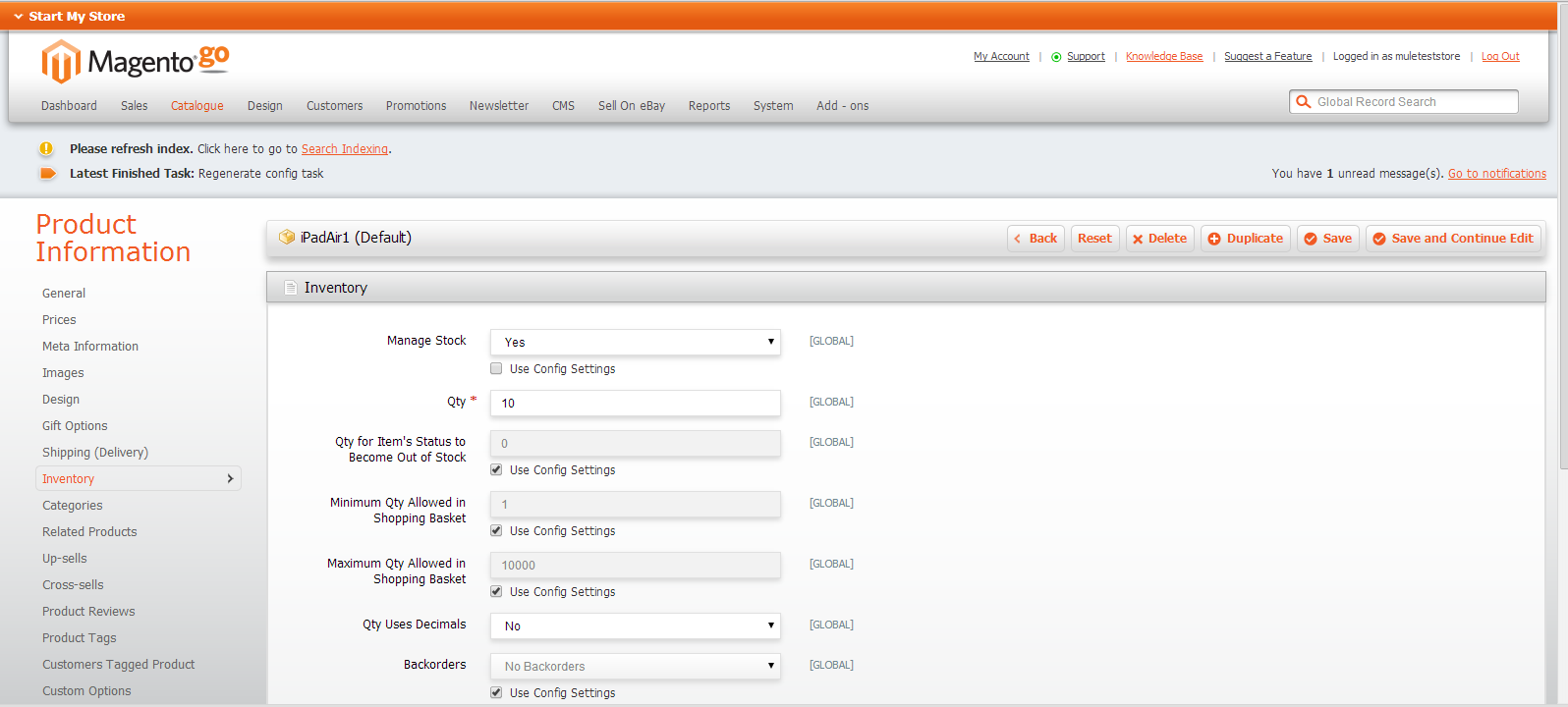


|  |
| --- |
| <mule xmlns:magento=*"http://www.mulesoft.org/schema/mule/magento"* xmlns:http=*"http://www.mulesoft.org/schema/mule/http"* xmlns:tracking=*"http://www.mulesoft.org/schema/mule/ee/tracking"* xmlns=*"http://www.mulesoft.org/schema/mule/core"* xmlns:doc=*"http://www.mulesoft.org/schema/mule/documentation"*  xmlns:spring=*"http://www.springframework.org/schema/beans"* version=*"EE-3.4.0"*  xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*  xsi:schemaLocation=*"http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans-current.xsd*  *http://www.mulesoft.org/schema/mule/core http://www.mulesoft.org/schema/mule/core/current/mule.xsd*  *http://www.mulesoft.org/schema/mule/http http://www.mulesoft.org/schema/mule/http/current/mule-http.xsd*  *http://www.mulesoft.org/schema/mule/magento http://www.mulesoft.org/schema/mule/magento/current/mule-magento.xsd*  *http://www.mulesoft.org/schema/mule/ee/tracking http://www.mulesoft.org/schema/mule/ee/tracking/current/mule-tracking-ee.xsd"*>  <magento:config name=*"Magento"* username=*"mulestoretest"* password=*"XXX"* address=*"https://mulemagentoteststore.mygostore.co.uk/index.php/api/v2\_soap/index/"* doc:name=*"Magento"*>  <magento:connection-pooling-profile initialisationPolicy=*"INITIALISE\_ONE"* exhaustedAction=*"WHEN\_EXHAUSTED\_GROW"*/>  </magento:config>  <flow name=*"ShoppingCartFlow"* doc:name=*"ShoppingCartFlow"*>  <http:inbound-endpoint exchange-pattern=*"request-response"* host=*"localhost"* port=*"8081"* doc:name=*"HTTP"* path=*"ShopingCart"*/>  <flow-ref name=*"CreateProductFlow"* doc:name=*"Flow Reference"*/>  <set-payload doc:name=*"Set Payload"* value=*"payload is created #[message.payloadAs(java.lang.String)]"*/>  </flow>  <sub-flow name=*"CreateProductFlow"* doc:name=*"CreateProductFlow"*>  <magento:create-product config-ref=*"Magento"* doc:name=*"CreateProduct"* set=*"4"* sku=*"Prduct1\_sku"* storeViewIdOrCode=*"1"* type=*"simple"*>  <magento:attributes name=*"iPadAir1"* description=*"iPadAir1Description"* short\_description=*"iPadAir1ShortDescription"* weight=*"10"* status=*"1"* visibility=*"4"* price=*"50000"* tax\_class\_id=*"1"*/>  </magento:create-product>  <logger message=*"#[payload]"* level=*"INFO"* doc:name=*"Logger"*/>  <object-to-string-transformer doc:name=*"Object to String"*/>  <set-property doc:name=*"Property"* propertyName=*"productId"* value=*"#[payload]"*/>  <logger message=*"#[message.outboundProperties['prodId']]"* level=*"INFO"* doc:name=*"Logger"*/>  <magento:update-inventory-stock-item config-ref=*"Magento"* doc:name=*"UpdateInventoryStock"* productId=*"#[message.outboundProperties['prodId']]"*>  <magento:catalog-inventory-stock-item is\_in\_stock=*"1"* manage\_stock=*"1"* qty=*"10"* use\_config\_manage\_stock=*"0"* use\_config\_max\_sale\_qty=*"0"* use\_config\_min\_qty=*"0"* use\_config\_min\_sale\_qty=*"0"*/>  </magento:update-inventory-stock-item>  </sub-flow>  </mule> |

1. Magento Global Connector configuration needs to be created initially with the User Name, API Key and URL. This allows you to access the Magento API via Magento Connector.
2. The first flow is the main flow which contains an HTTP Inbound endpoint configured as <http://localhost:8081>.
3. The main flow refers to a sub flow which thereby consists of Magento Connector configuration.
4. The sub-flow creates a product in Magento store using a unique SKU product id in the Create Product component.
5. The store returns a unique id on the successful creation of product, which intern used as reference to update Inventory Stock in Magento store.
6. The Stock item attributes must be specified in the update inventory stock Magento Component to reflect the same in Magento store.
7. Login into Magento as admin and validate the created product in Manage Products.



1. Also validate if the inventory details are updated.



**References:**

[**http://blogs.mulesoft.org/announcing-magento-e-commerce-connector-for-mule/**](http://blogs.mulesoft.org/announcing-magento-e-commerce-connector-for-mule/)

[**http://www.mulesoft.org/connectors/magento-cloud-connector**](http://www.mulesoft.org/connectors/magento-cloud-connector)

[**http://mulesoft.github.io/magento-connector/guide/install.html**](http://mulesoft.github.io/magento-connector/guide/install.html)

[**http://www.mulesoft.com/cloud-connectors/magento-integration-connector**](http://www.mulesoft.com/cloud-connectors/magento-integration-connector)

[**http://forum.mulesoft.org/mulesoft/topics/where\_to\_find\_magento\_soap\_url**](http://forum.mulesoft.org/mulesoft/topics/where_to_find_magento_soap_url)

[**http://forum.mulesoft.org/mulesoft/topics/magento\_connector\_in\_mule\_3\_5\_demo**](http://forum.mulesoft.org/mulesoft/topics/magento_connector_in_mule_3_5_demo)