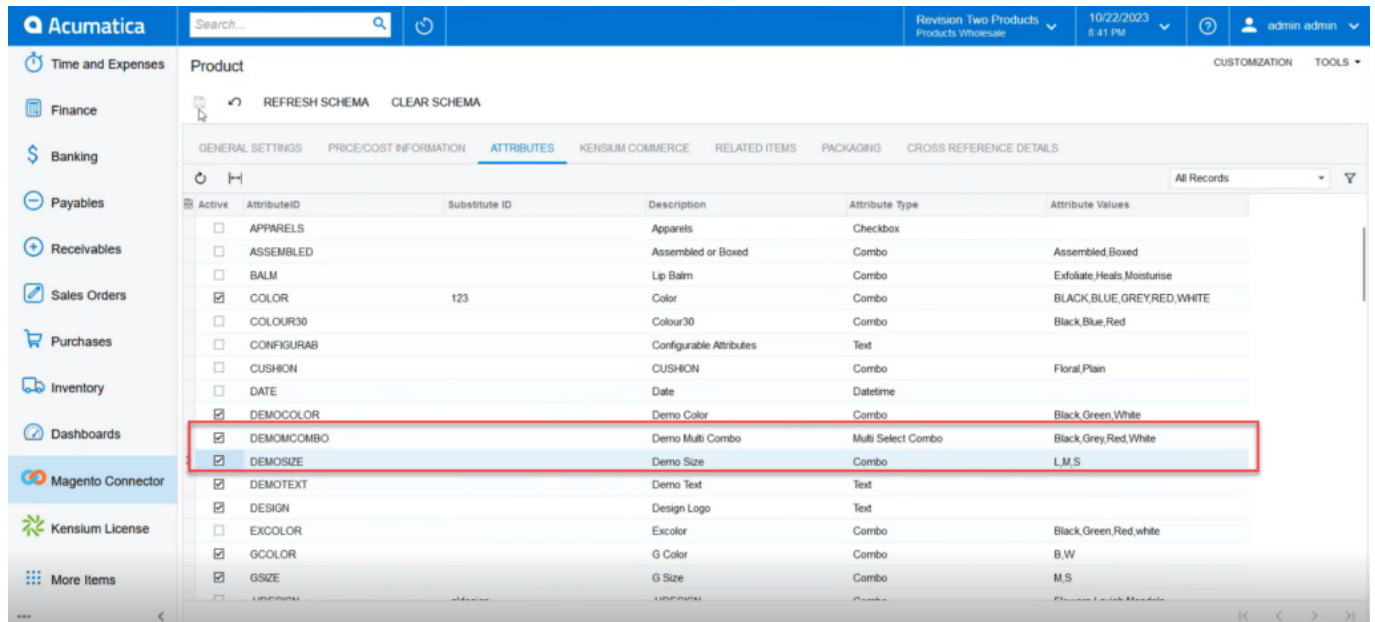


Attributes in Product Schema

The attributes that you have created are displayed in [Product Schema] of Acumatica.

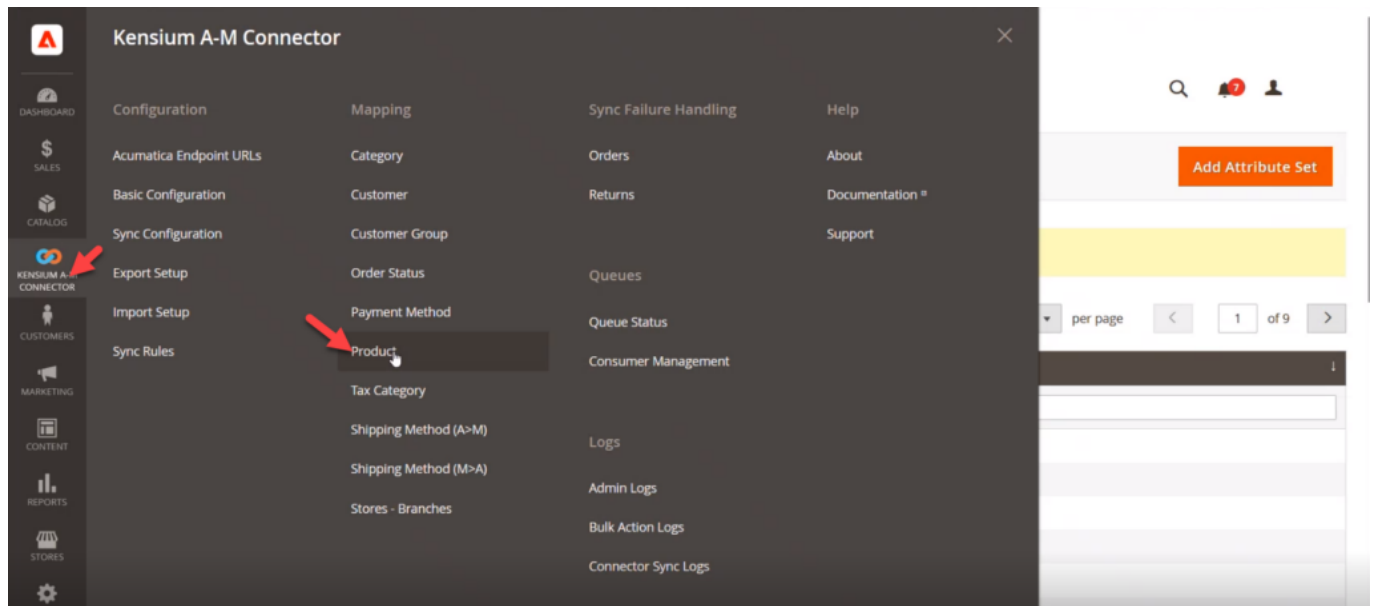


Active	AttributeID	Substitute ID	Description	Attribute Type	Attribute Values
<input type="checkbox"/>	APPARELS		Apparels	Checkbox	
<input type="checkbox"/>	ASSEMBLED		Assembled or Boxed	Combo	Assembled,Boxed
<input type="checkbox"/>	BALM		Lip Balm	Combo	Exfoliate,Heals,Moisturise
<input checked="" type="checkbox"/>	COLOR	123	Color	Combo	BLACK,BLUE,GREY,RED,WHITE
<input type="checkbox"/>	COLOUR30		Colour30	Combo	Black,Blue,Red
<input type="checkbox"/>	CONFIGURAB		Configurable Attributes	Text	
<input type="checkbox"/>	CUSHION		CUSHION	Combo	Floral,Plain
<input type="checkbox"/>	DATE		Date	Datetime	
<input checked="" type="checkbox"/>	DEMOCOLOR		Demo Color	Combo	Black,Green,White
<input checked="" type="checkbox"/>	DEMOMCOMBO		Demo Multi Combo	Multi Select Combo	Black,Grey,Red,White
<input checked="" type="checkbox"/>	DEMOSIZE		Demo Size	Combo	L,M,S
<input checked="" type="checkbox"/>	DEMOTEXT		Demo Text	Text	
<input checked="" type="checkbox"/>	DESIGN		Design Logo	Text	
<input type="checkbox"/>	EXCOLOR		Excolor	Combo	Black,Green,Red,white
<input checked="" type="checkbox"/>	GCOLOR		G Color	Combo	B,W
<input checked="" type="checkbox"/>	GSIZE		G Size	Combo	M,S

The created attributes are displayed in [Product Schema]

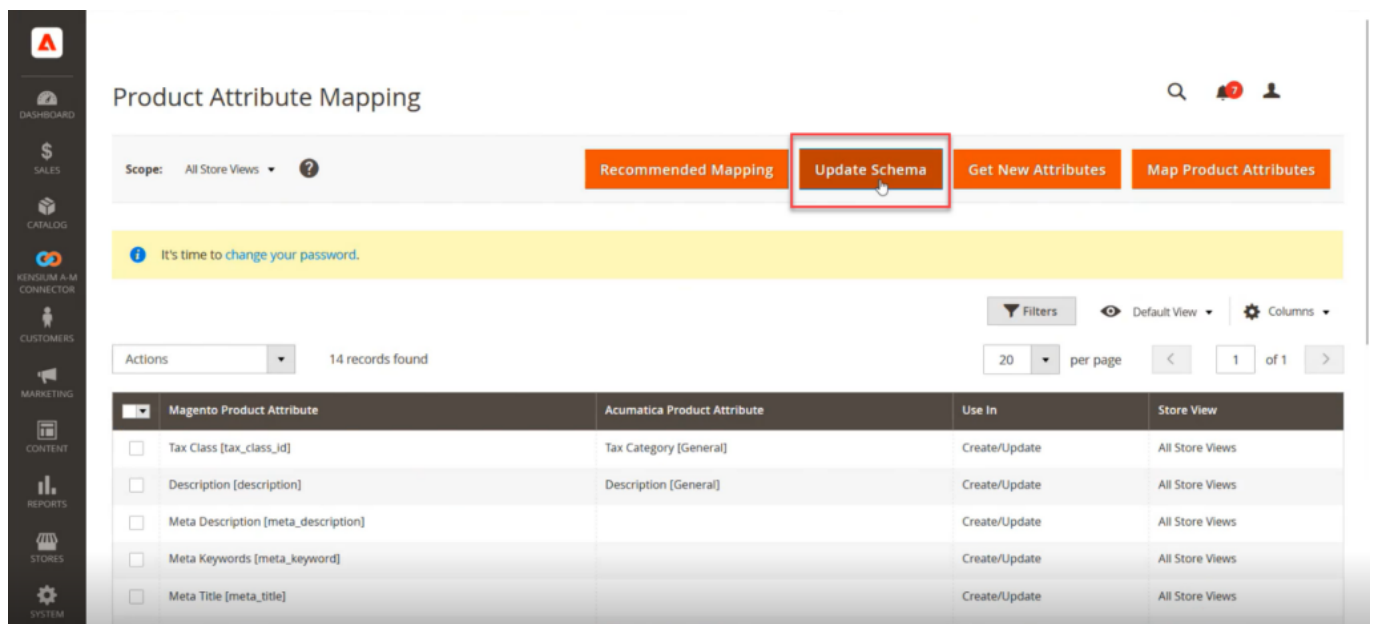
You can also create Date and Text boxes.

You need to Map the newly created attributes with Magento. To map the attributes, go to the Mapping section of Magento and click on Product Mapping.



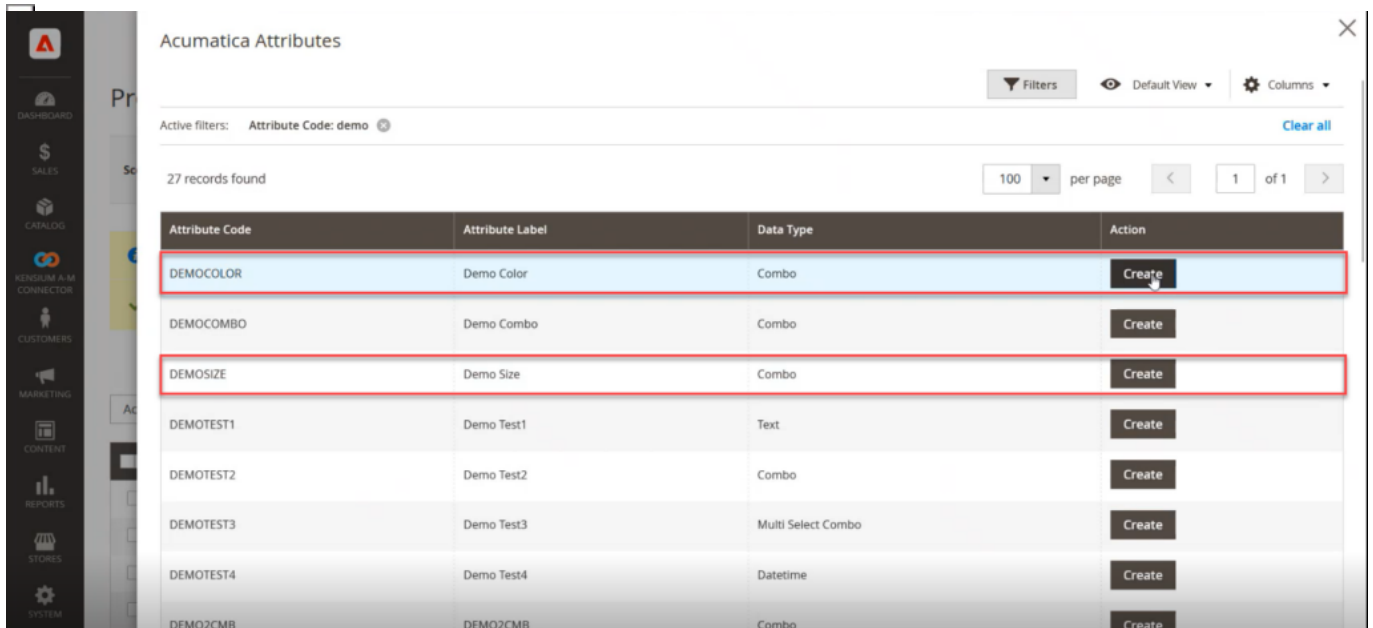
Map the attributes in Magento

To fetch the attributes from Acumatica you need to click on **[Update Schema]**.



Updating the Schema

From the Get New Attributes you will be able to filter the new attributes which you have created and synced.



Acumatica Attributes

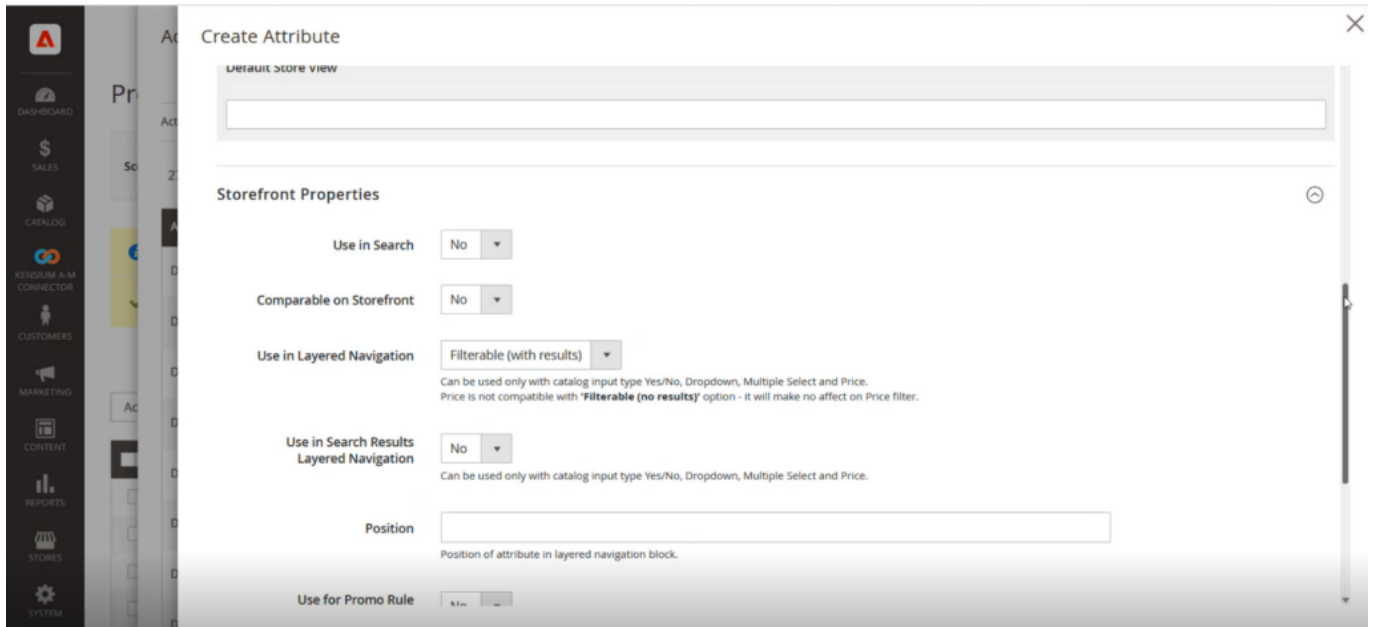
Active filters: Attribute Code: demo

27 records found

Attribute Code	Attribute Label	Data Type	Action
DEMOCOLOR	Demo Color	Combo	Create
DEMOCOMBO	Demo Combo	Combo	Create
DEMOSIZE	Demo Size	Combo	Create
DEMOTEST1	Demo Test1	Text	Create
DEMOTEST2	Demo Test2	Combo	Create
DEMOTEST3	Demo Test3	Multi Select Combo	Create
DEMOTEST4	Demo Test4	Datetime	Create
DEMO2CMB	DEMO2CMB	Combo	Create

Get New Attributes

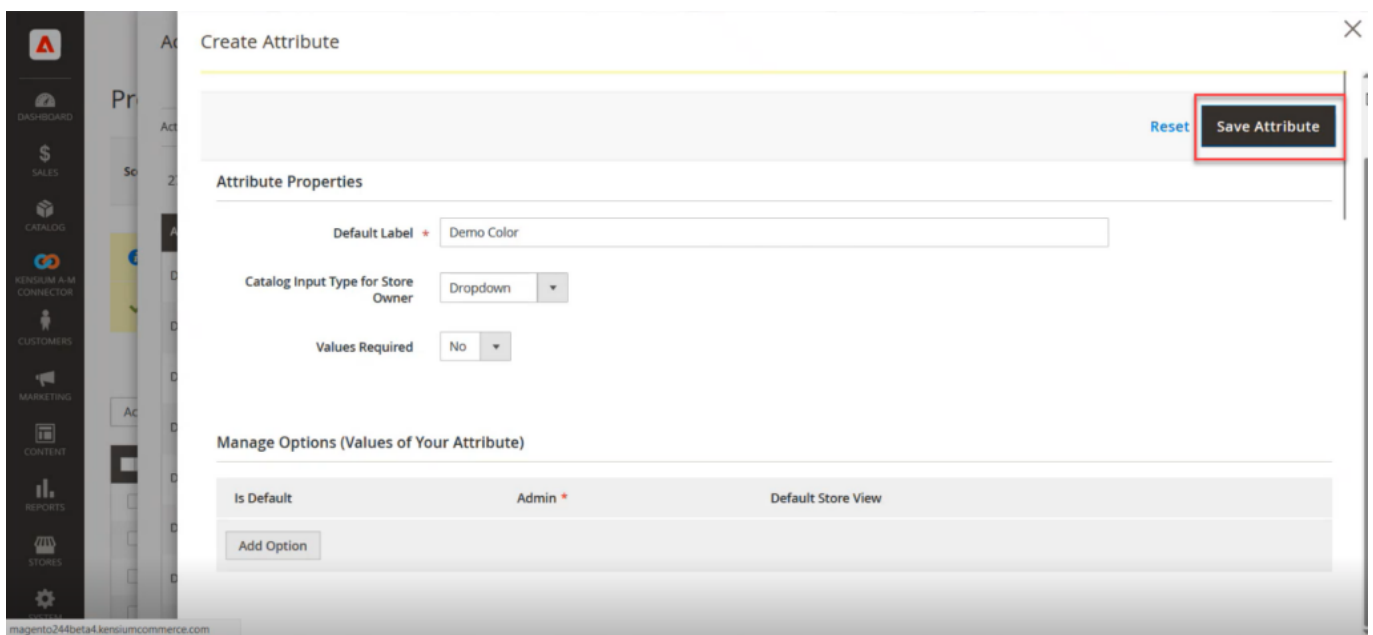
Follow the below screenshot to proceed to create the attributes in Magento from Acumatica.



The screenshot shows the 'Create Attribute' dialog in the Magento Admin interface. The 'Storefront Properties' section is visible, containing several configuration options:

- Default Store View:** A text input field.
- Use in Search:** A dropdown menu set to 'No'.
- Comparable on Storefront:** A dropdown menu set to 'No'.
- Use in Layered Navigation:** A dropdown menu set to 'Filterable (with results)'. Below it, a note states: 'Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price. Price is not compatible with "Filterable (no results)" option - it will make no affect on Price filter.'
- Use in Search Results Layered Navigation:** A dropdown menu set to 'No'. Below it, a note states: 'Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price.'
- Position:** A text input field. Below it, a note states: 'Position of attribute in layered navigation block.'
- Use for Promo Rule:** A dropdown menu set to 'No'.

Configuring the new attributes within Magento.



The screenshot shows the 'Create Attribute' dialog in the Magento Admin interface, with the 'Attribute Properties' and 'Manage Options' sections visible. The 'Save Attribute' button is highlighted with a red box.

Attribute Properties

- Default Label:** A text input field containing 'Demo Color'.
- Catalog Input Type for Store Owner:** A dropdown menu set to 'Dropdown'.
- Values Required:** A dropdown menu set to 'No'.

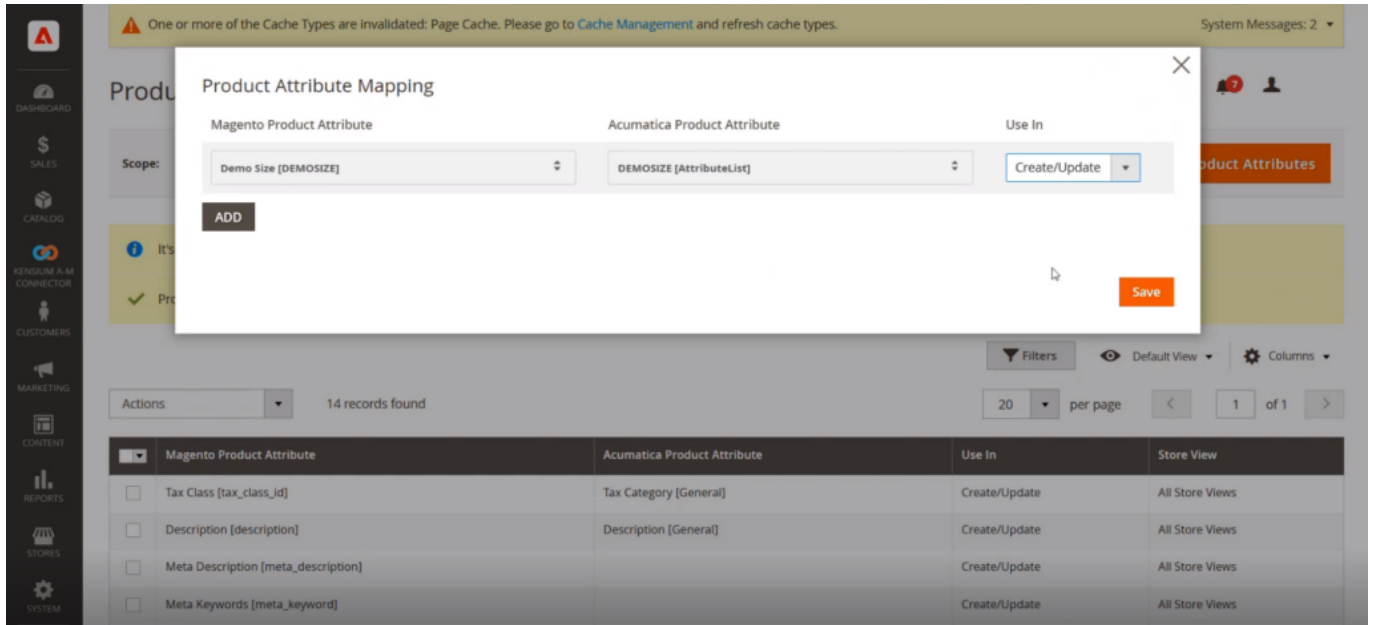
Manage Options (Values of Your Attribute)

Is Default	Admin *	Default Store View

Buttons: 'Reset' (blue), 'Save Attribute' (red box), 'Add Option' (gray).

Save the attributes within Magento.

Similarly, the 4 attributes which you have created in Acumatica will be shown in Magento and you need to configure those 4 attributes. So, after configuring the attributes you need to map those 4 product attributes with Magento product Attributes and Acumatica Product Attributes.

One or more of the Cache Types are invalidated: Page Cache. Please go to [Cache Management](#) and refresh cache types.

System Messages: 2

Product Attribute Mapping

Magento Product Attribute: Demo Size [DEMOSIZE] | Acumatica Product Attribute: DEMOSIZE [AttributeList] | Use In: Create/Update

ADD **Save**

Magento Product Attribute	Acumatica Product Attribute	Use In	Store View
<input type="checkbox"/> Tax Class [tax_class_id]	Tax Category [General]	Create/Update	All Store Views
<input type="checkbox"/> Description [description]	Description [General]	Create/Update	All Store Views
<input type="checkbox"/> Meta Description [meta_description]		Create/Update	All Store Views
<input type="checkbox"/> Meta Keywords [meta_keyword]		Create/Update	All Store Views

14 records found | 20 per page | 1 of 1

Map the Product Attributes

One or more of the Cache Types are invalidated: Page Cache. Please go to [Cache Management](#) and refresh cache types. System Messages: 2

Product Attribute Mapping

Magento Product Attribute	Acumatica Product Attribute	Use In	
Demo Size [DEMOSIZE]	DEMOSIZE [AttributeList]	Create/Update	Delete
Demo Color [DEMOCOLOR]	DEMOCOLOR [AttributeList]	Create/Update	Delete
Oct Date [OCTDATE]	OCTDATE [AttributeList]	Create/Update	Delete
Oct text [OCTTEXT]	OCTTEXT [AttributeList]	Create/Update	Delete

ADD

Save

Attribute	Category	Use In	Store Views
Tax Class [tax_class_id]	Tax Category [General]	Create/Update	All Store Views
Description [description]	Description [General]	Create/Update	All Store Views
Meta Description [meta_description]		Create/Update	All Store Views
Meta Keywords [meta_keyword]		Create/Update	All Store Views

All 4 Product Attributes are mapped

Product Attribute Mapping

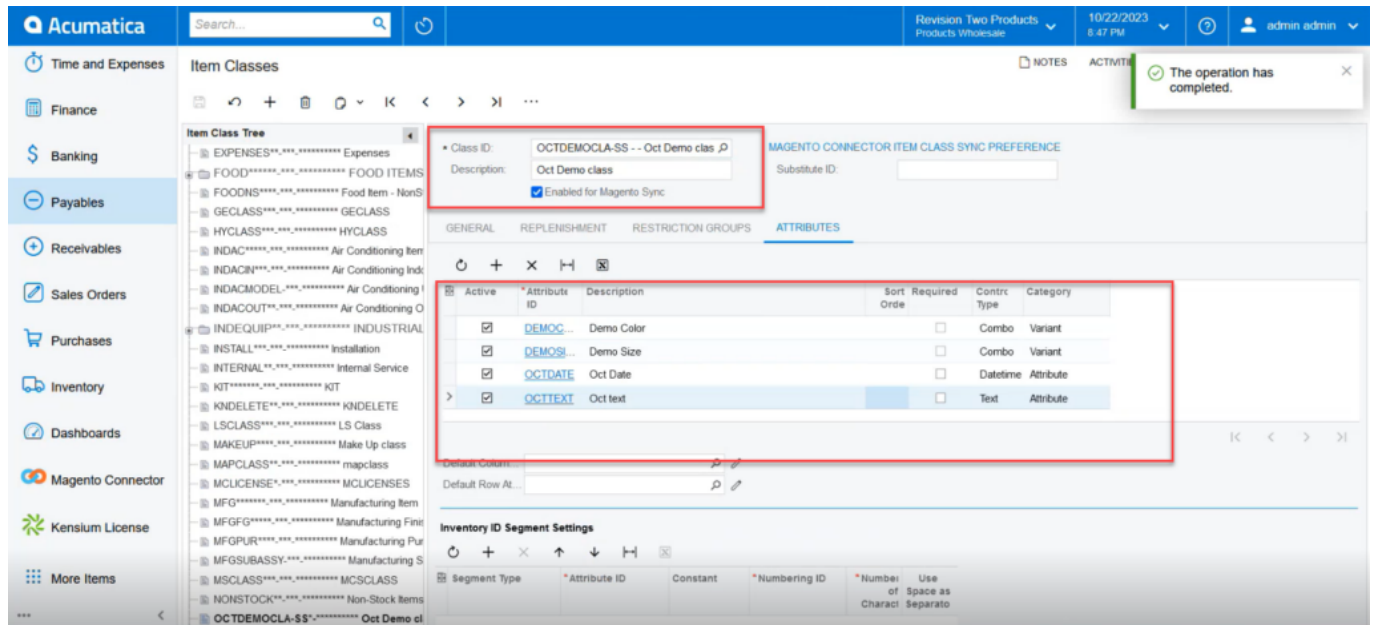
Recommended Mapping | Update Schema | Get New Attributes | Map Product Attributes

<input type="checkbox"/>	SKU [sku]	Inventory ID [General]	Create/Update	All Store Views
<input type="checkbox"/>	Enable Product [status]		Create/Update	All Store Views
<input type="checkbox"/>	Visibility [visibility]	Visibility [Ecommerce]	Create/Update	All Store Views
<input type="checkbox"/>	Weight [weight]		Create/Update	All Store Views
<input type="checkbox"/>	King Color [KINGCOLOR]	KINGCOLOR [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	King Size [KINGSIZE]	KINGSIZE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Demo Size [DEMOSIZE]	DEMOSIZE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Demo Color [DEMOCOLOR]	DEMOCOLOR [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Oct Date [OCTDATE]	OCTDATE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Oct text [OCTTEXT]	OCTTEXT [AttributeList]	Create/Update	All Store Views

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All 4 Product Attributes are displayed in the Product Attribute Mapping

Now in Acumatica create a simple stock item with this same Item Class which you have created before.

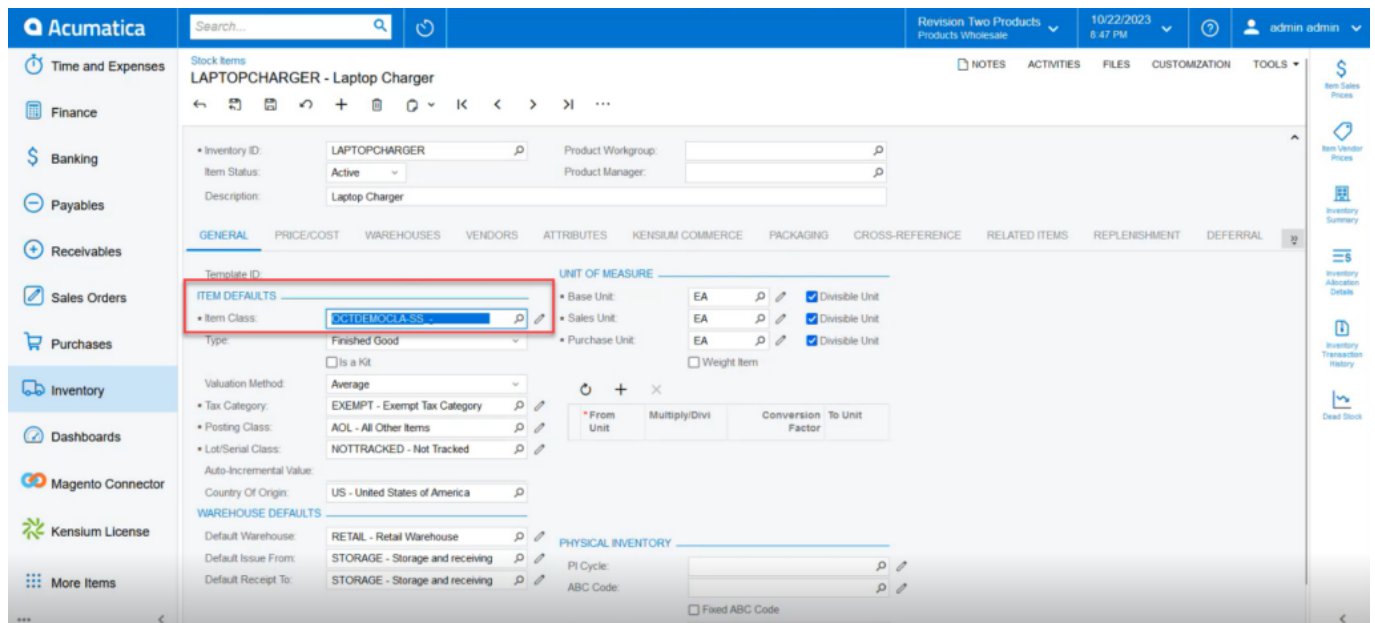


The screenshot shows the Acumatica 'Item Classes' screen. On the left is the 'Item Class Tree' with 'OCTDEMOCLA-SS' selected. The main area shows the 'Attributes' tab for this class. A red box highlights the 'Attributes' table, which lists the following attributes:

Active	Attribute ID	Description	Sort Order	Required	Contr. Type	Category
<input checked="" type="checkbox"/>	DEMOCL	Demo Color		<input type="checkbox"/>	Combo	Variant
<input checked="" type="checkbox"/>	DEMOSI	Demo Size		<input type="checkbox"/>	Combo	Variant
<input checked="" type="checkbox"/>	OCTDATE	Oct Date		<input type="checkbox"/>	Datetime	Attribute
<input checked="" type="checkbox"/>	OCTTEXT	Oct text		<input type="checkbox"/>	Text	Attribute

Below the attributes table is the 'Inventory ID Segment Settings' section, which is currently empty.

You need to create a product with the same Item Class which will be shown in the Class ID.



The screenshot shows the Acumatica 'Stock Items' screen for 'LAPTOPCHARGER - Laptop Charger'. The 'ITEM DEFAULTS' tab is active. A red box highlights the 'Item Class' field, which is set to 'OCTDEMOCLA-SS'. Other fields in the 'ITEM DEFAULTS' section include:

- Type: Finished Good
- Valuation Method: Average
- Tax Category: EXEMPT - Exempt Tax Category
- Posting Class: AOL - All Other Items
- Lot/Serial Class: NOTTRACKED - Not Tracked
- Auto-Incremental Value: [empty]
- Country Of Origin: US - United States of America

The 'UNIT OF MEASURE' section shows:

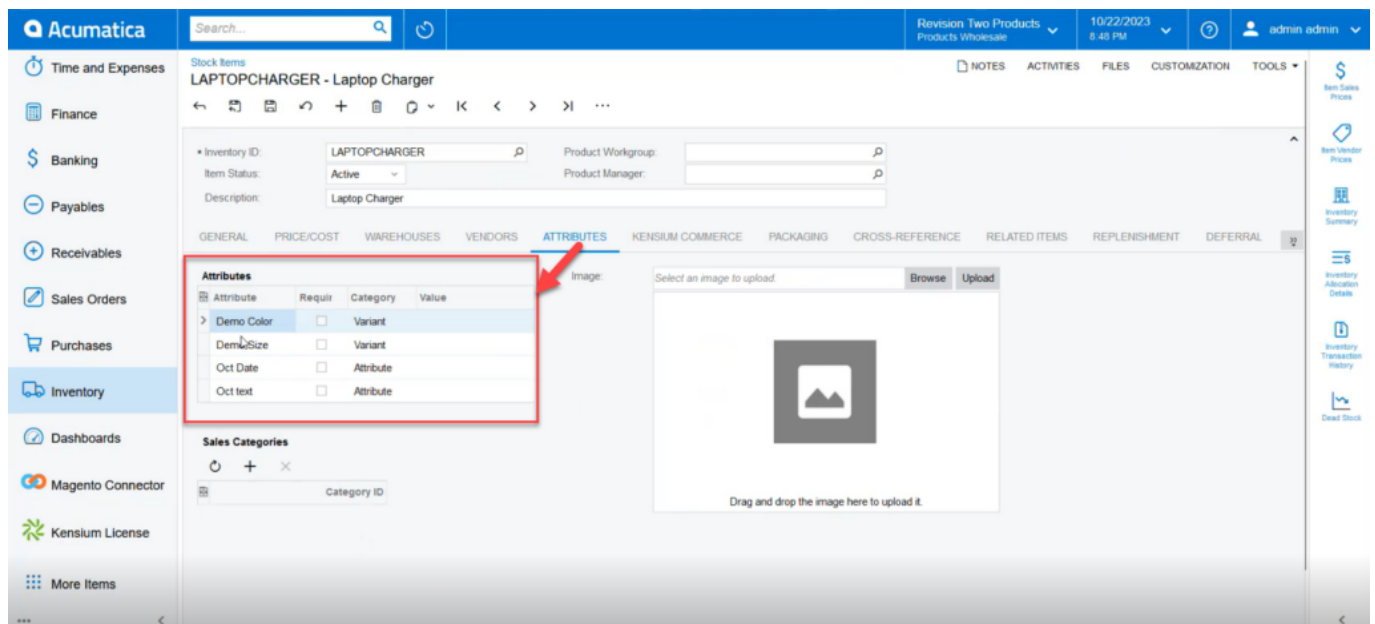
- Base Unit: EA (Divisible Unit)
- Sales Unit: EA (Divisible Unit)
- Purchase Unit: EA (Divisible Unit)

The 'WAREHOUSE DEFAULTS' section shows:

- Default Warehouse: RETAIL - Retail Warehouse
- Default Issue From: STORAGE - Storage and receiving
- Default Receipt To: STORAGE - Storage and receiving

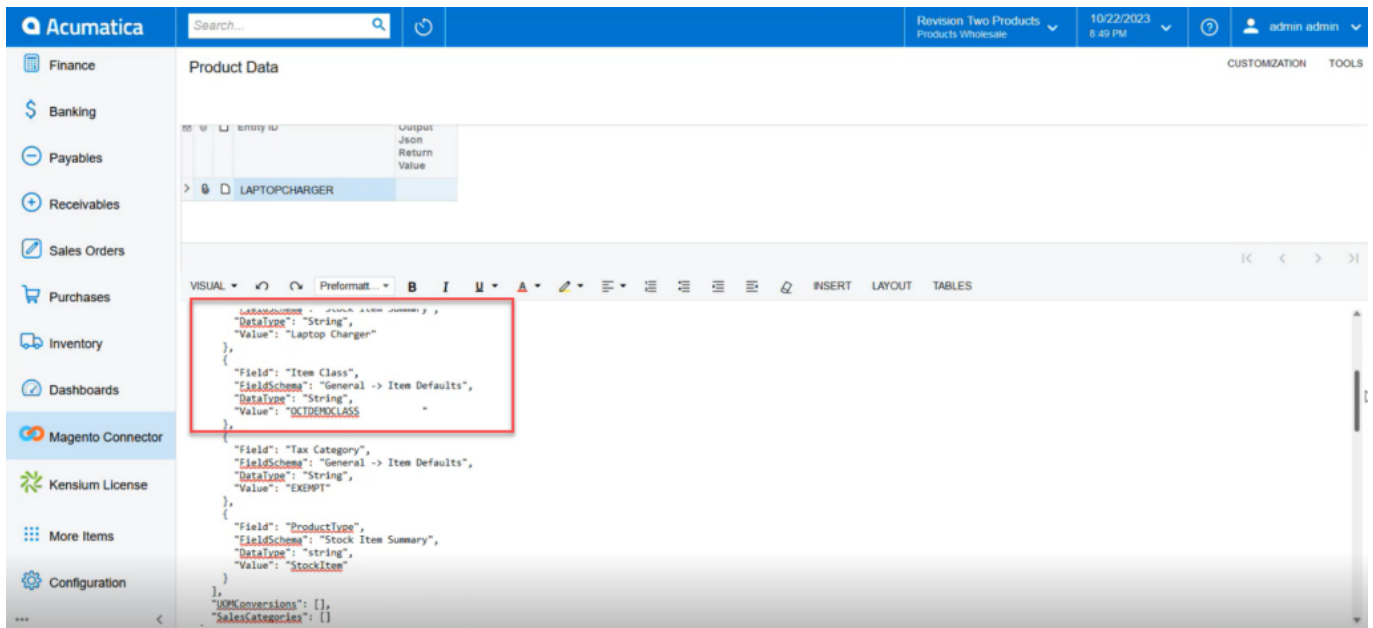
The mapped attributes will be shown here against the product. You may have multiple attributes;

however, the condition is it has to be mapped then only it will be displayed.



Mapped attributes are displayed here.

To check the data processing, you need to the Product Data, and you can search by the product that you have created. This process will ensure that the data is being synchronized from Acumatica to Magento.



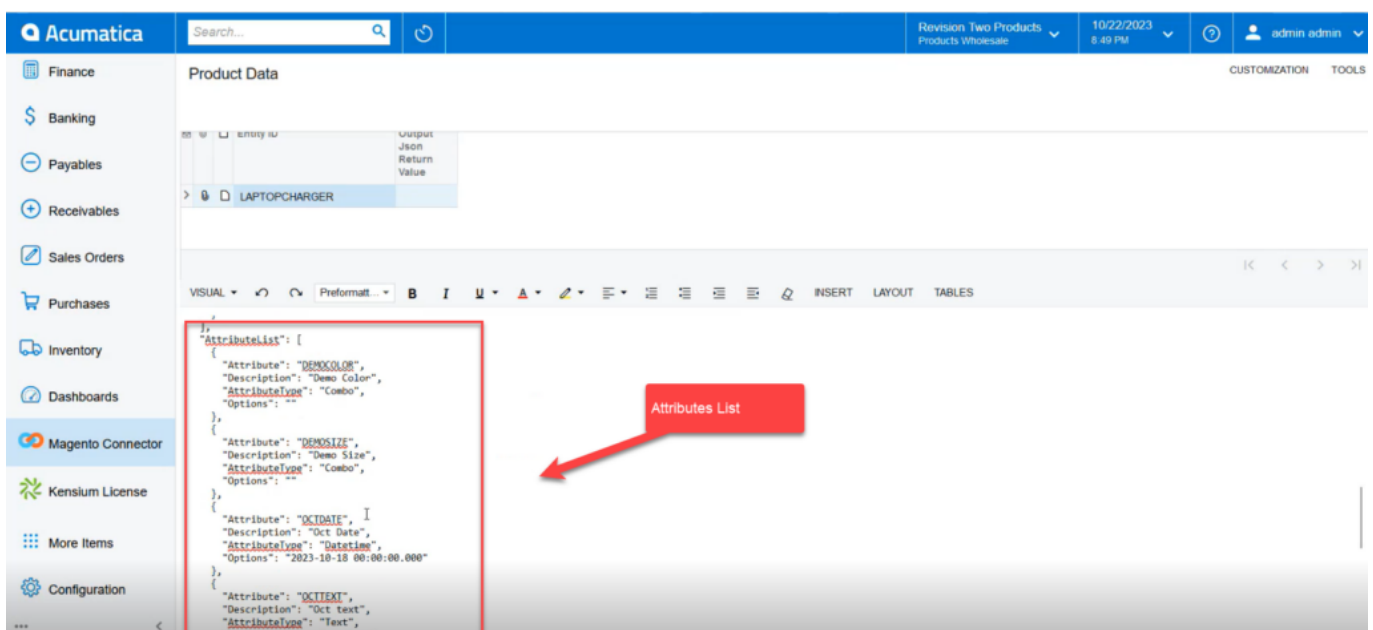
The screenshot shows the Acumatica Product Data editor interface. The left sidebar contains navigation links for Finance, Banking, Payables, Receivables, Sales Orders, Purchases, Inventory, Dashboards, Magento Connector, Kensium License, More Items, and Configuration. The main area displays the 'Product Data' for 'LAPTOPCHARGER'. A red box highlights the following JSON snippet:

```

{
  "Field": "Item Class",
  "FieldSchema": "General -> Item Defaults",
  "DataType": "String",
  "Value": "Laptop Charger"
}

```

Data Type in the JSON



The screenshot shows the Acumatica Product Data editor interface. The left sidebar contains navigation links for Finance, Banking, Payables, Receivables, Sales Orders, Purchases, Inventory, Dashboards, Magento Connector, Kensium License, More Items, and Configuration. The main area displays the 'Product Data' for 'LAPTOPCHARGER'. A red box highlights the following JSON snippet:

```

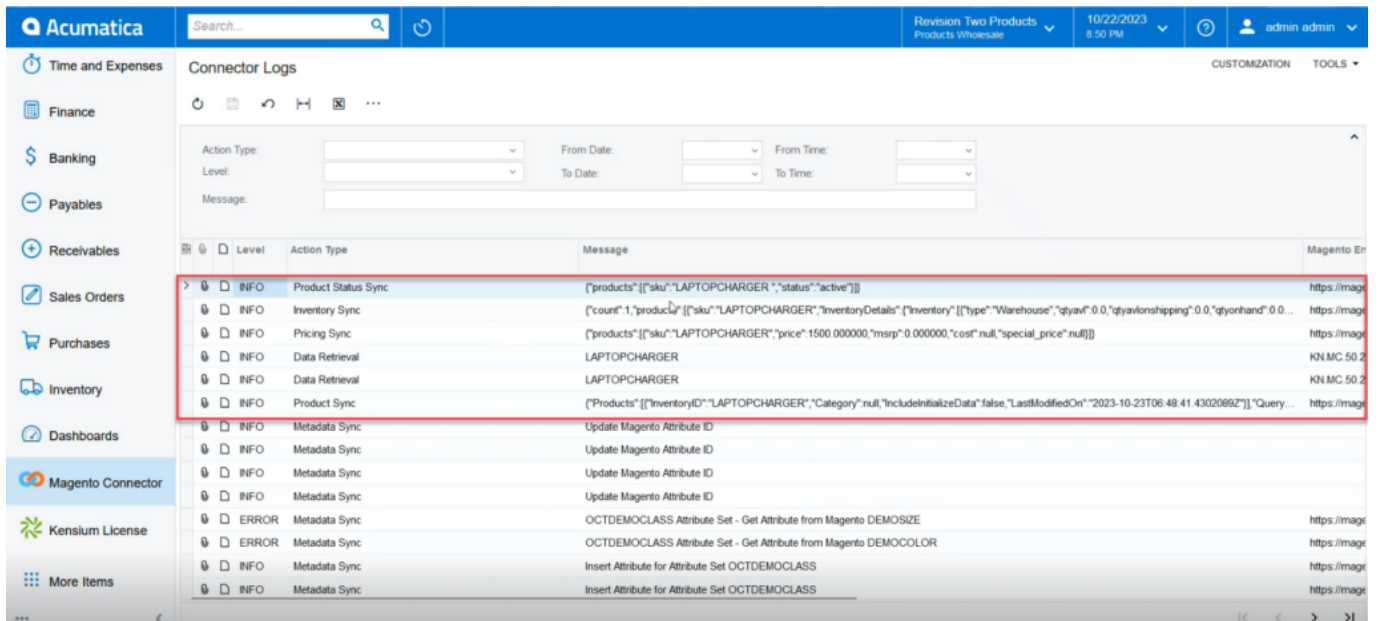
{
  "AttributeList": [
    {
      "Attribute": "DEMOCOLOR",
      "Description": "Demo Color",
      "AttributeType": "Combo",
      "Options": ""
    },
    {
      "Attribute": "DEMOSIZE",
      "Description": "Demo Size",
      "AttributeType": "Combo",
      "Options": ""
    },
    {
      "Attribute": "OCTDATE",
      "Description": "Oct Date",
      "AttributeType": "Datetime",
      "Options": "2023-10-18 00:00:00.000"
    },
    {
      "Attribute": "OCTTEXT",
      "Description": "Oct text",
      "AttributeType": "Text",
      "Options": ""
    }
  ]
}

```

A red arrow points from the label 'Attribute List' to the 'AttributeList' field in the JSON code.

Attribute List in the JSON File

You can check whether the data is passing or not from the Acumatica Connector Logs.

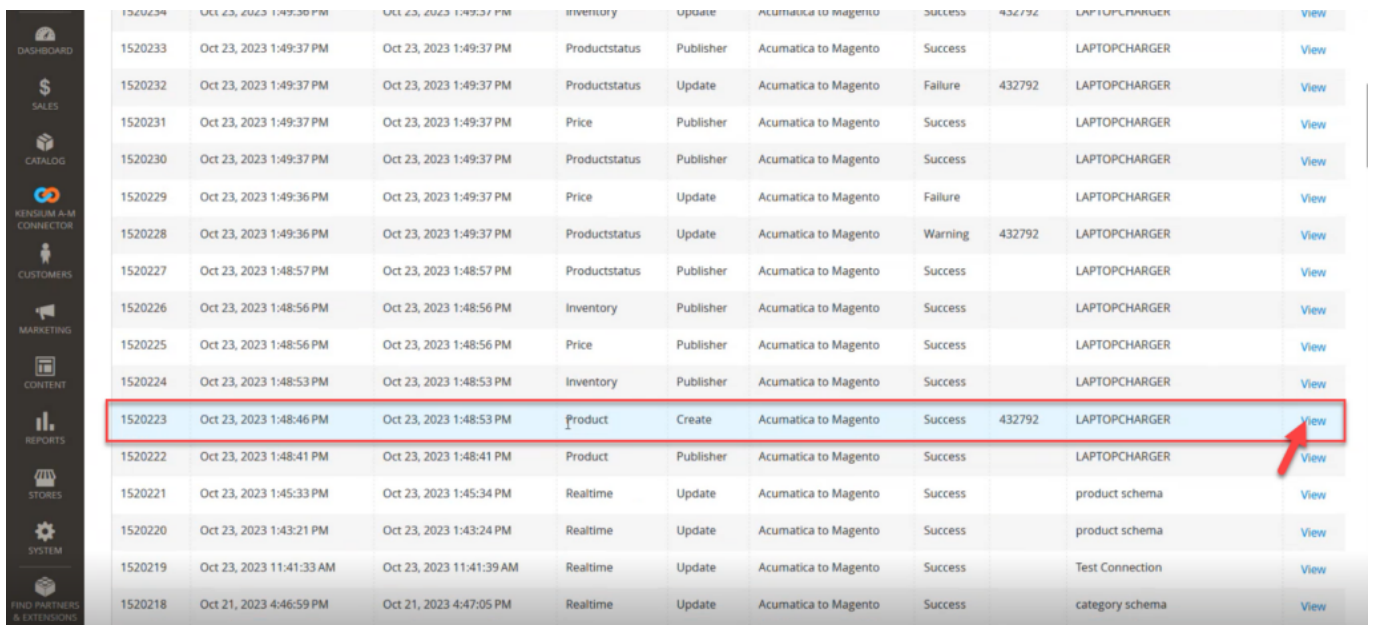


The screenshot shows the Acumatica Connector Logs interface. The left sidebar contains navigation links for Time and Expenses, Finance, Banking, Payables, Receivables, Sales Orders, Purchases, Inventory, Dashboards, Magento Connector, Kensium License, and More Items. The main area is titled 'Connector Logs' and includes filters for Action Type, Level, Message, From Date, To Date, From Time, and To Time. A table of logs is displayed, with a red box highlighting a specific log entry.

Level	Action Type	Message	Magento En
INFO	Product Status Sync	[{"products":[{"sku":"LAPTOPCHARGER","status":"active"}]}	https://image
INFO	Inventory Sync	[{"count":1,"product":{"sku":"LAPTOPCHARGER","inventoryDetails":{"inventory":{"type":"Warehouse","qtyav":0.0,"qtyavonshipping":0.0,"qtyonhand":0.0...}}	https://image
INFO	Pricing Sync	[{"products":[{"sku":"LAPTOPCHARGER","price":1500.000000,"msrp":0.000000,"cost":null,"special_price":null}]}]	https://image
INFO	Data Retrieval	LAPTOPCHARGER	KN.MC.50.2
INFO	Data Retrieval	LAPTOPCHARGER	KN.MC.50.2
INFO	Product Sync	[{"Products":[{"InventoryID":"LAPTOPCHARGER","Category":null,"IncludeInitializeData":false,"LastModifiedOn":"2023-10-23T06:48:41.430208Z"}]}]	https://image
INFO	Metadata Sync	Update Magento Attribute ID	
INFO	Metadata Sync	Update Magento Attribute ID	
INFO	Metadata Sync	Update Magento Attribute ID	
INFO	Metadata Sync	Update Magento Attribute ID	
ERROR	Metadata Sync	OCTDEMOCLASS Attribute Set - Get Attribute from Magento DEMOSIZE	https://image
ERROR	Metadata Sync	OCTDEMOCLASS Attribute Set - Get Attribute from Magento DEMOCOLOR	https://image
INFO	Metadata Sync	Insert Attribute for Attribute Set OCTDEMOCLASS	https://image
INFO	Metadata Sync	Insert Attribute for Attribute Set OCTDEMOCLASS	https://image

Acumatica Connector Log Details

On the Magento connector log, we can check the same.

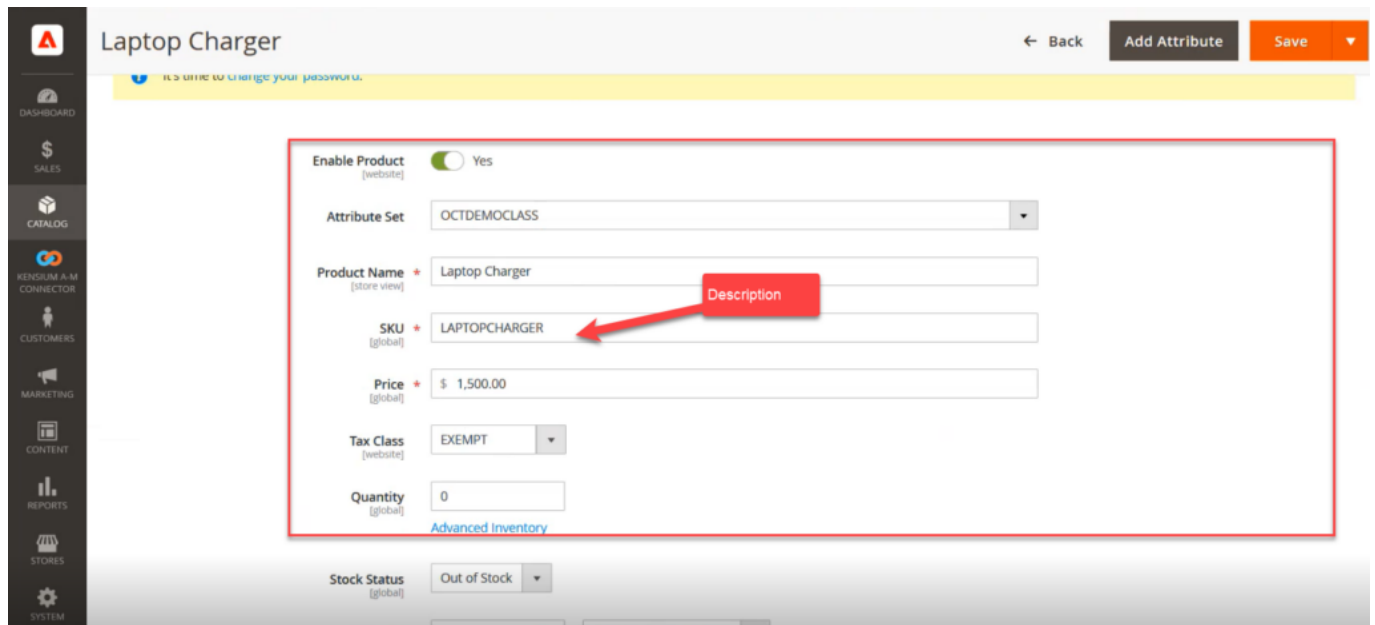


The screenshot shows a detailed view of the Magento connector log. The left sidebar contains navigation links for DASHBOARD, SALES, CATALOG, KENSIUM A.M. CONNECTOR, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, SYSTEM, and FIND PARTNERS & EXTENSIONS. The main area displays a table of log entries with columns for ID, Date, Time, Product, Action, Status, Result, and View. A red box highlights a specific log entry.

ID	Date	Time	Product	Action	Status	Result	View
1520233	Oct 23, 2023	1:49:37 PM	Productstatus	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520232	Oct 23, 2023	1:49:37 PM	Productstatus	Update	Acumatica to Magento	Failure	LAPTOPCHARGER
1520231	Oct 23, 2023	1:49:37 PM	Price	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520230	Oct 23, 2023	1:49:37 PM	Productstatus	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520229	Oct 23, 2023	1:49:36 PM	Price	Update	Acumatica to Magento	Failure	LAPTOPCHARGER
1520228	Oct 23, 2023	1:49:36 PM	Productstatus	Update	Acumatica to Magento	Warning	LAPTOPCHARGER
1520227	Oct 23, 2023	1:48:57 PM	Productstatus	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520226	Oct 23, 2023	1:48:56 PM	Inventory	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520225	Oct 23, 2023	1:48:56 PM	Price	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520224	Oct 23, 2023	1:48:53 PM	Inventory	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520223	Oct 23, 2023	1:48:46 PM	Product	Create	Acumatica to Magento	Success	LAPTOPCHARGER
1520222	Oct 23, 2023	1:48:41 PM	Product	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER
1520221	Oct 23, 2023	1:45:34 PM	Realtime	Update	Acumatica to Magento	Success	product schema
1520220	Oct 23, 2023	1:43:21 PM	Realtime	Update	Acumatica to Magento	Success	product schema
1520219	Oct 23, 2023	11:41:39 AM	Realtime	Update	Acumatica to Magento	Success	Test Connection
1520218	Oct 21, 2023	4:46:59 PM	Realtime	Update	Acumatica to Magento	Success	category schema

Product Synchronization is a success in the connector log

Upon clicking on the [View] link you will be redirected to the following screen from where you can view all the product-related details.



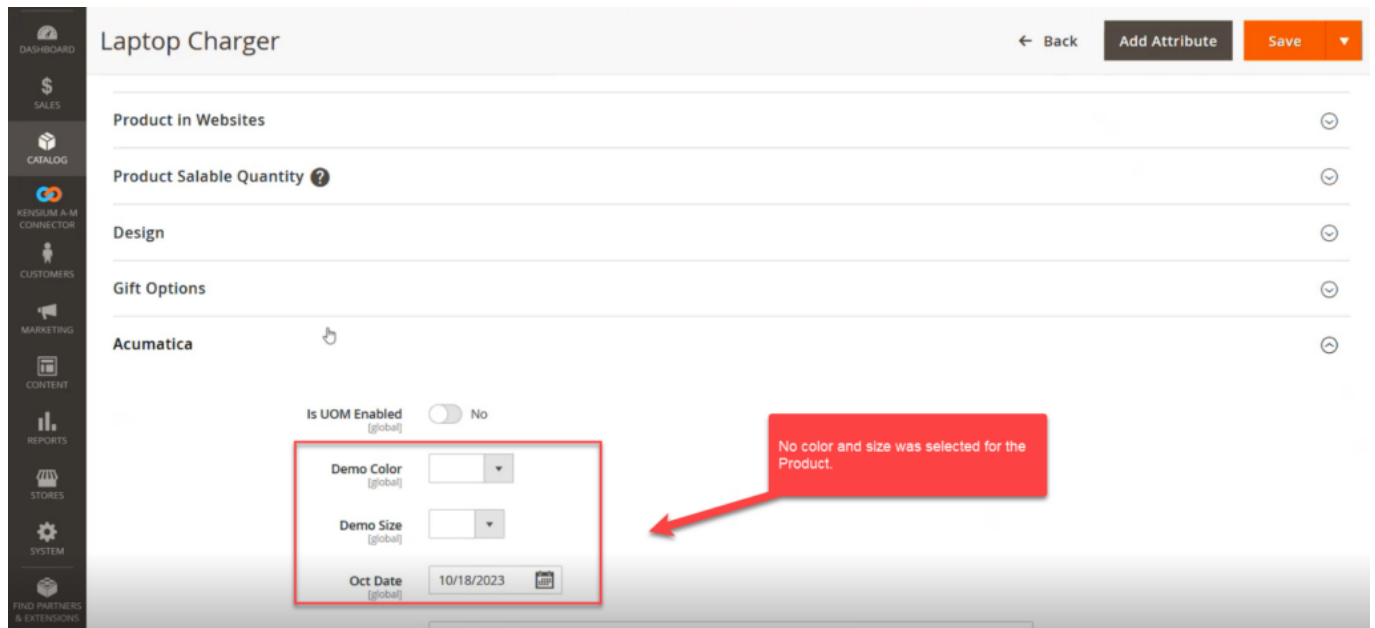
The screenshot shows the Magento product details page for 'Laptop Charger'. The page has a sidebar on the left with navigation links: DASHBOARD, SALES, CATALOG, KENSIMUM A-M CONNECTOR, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, and SYSTEM. The main content area is titled 'Laptop Charger' and includes a 'Back' link, 'Add Attribute' button, and 'Save' button. A yellow banner at the top says 'It's time to change your password.' The product details form is highlighted with a red border and contains the following fields:

- Enable Product** (website): ☒ Yes
- Attribute Set**: OCTDEMOCLASS
- Product Name** (store view): Laptop Charger
- SKU** (global): LAPTOPCHARGER
- Price** (global): \$ 1,500.00
- Tax Class** (website): EXEMPT
- Quantity** (global): 0
- Stock Status** (global): Out of Stock

A red arrow points from the 'Description' label to the 'SKU' field.

Product details in Magento

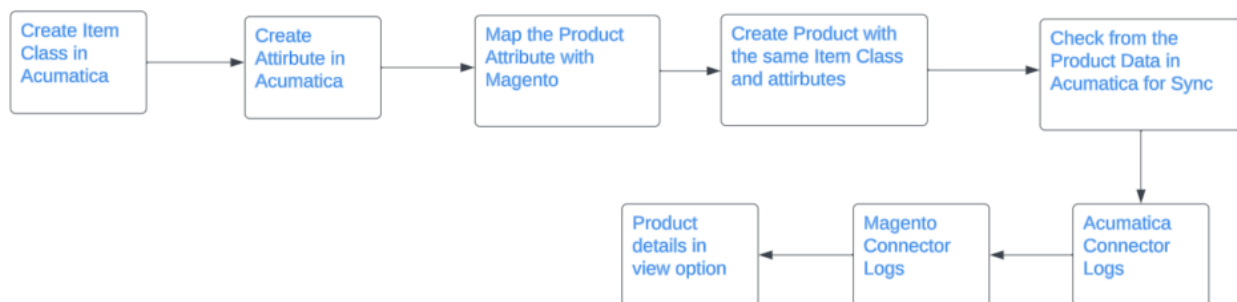
While creating the Product no color or size was selected. So, in Magento, these two product attributes will be displayed as blank. However, the drop-down will show the option that was created in the first place.



Details under Acumatica

The above illustration is related to Simple Stock Items. You can follow the same procedure for the Non-Stock Items. **The only difference between Stock and Non-Stock is that Non-Stock will not have the Quantity.**

Item Class Sync with Attributes in Magento and Acumatica for Stock & Non- Stock Item





KENSIUM

Adobe Connector

Flow of Events for Item Class Sync with Attributes

