

VAT Validation - User Guide

by CedCommerce Products User Guides

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1. Overview

CedCommerce Vat Validation extension for Magento® 2 provides the real time vat validation feature on the front-end view. It involves the real time validation with VIES (Vat Information Exchange System). This extension provides the additional button named **Validate Vat** associated with the **Tax/VAT number** field. If the front-end users enter an invalid vat number and clicks the **Validate Vat** button, then an error message appears and the user is unable to submit the form.

Key Features are as follows:

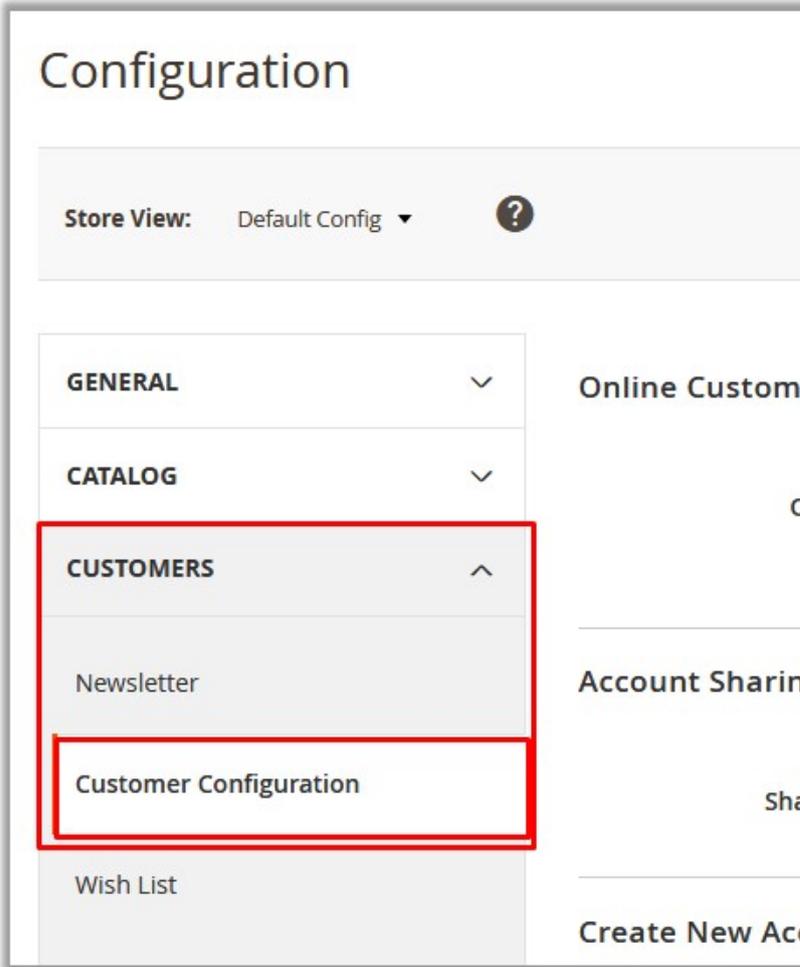
- The **Validate Vat** button appears on the **Create New Customer Account** page to check the validity of the entered Vat number.
- The **Validate Vat** button appears on the **Edit Account Information** page to check the validity of the entered Vat number.
- The **Validate Vat** button appears on the **Add New Address** page to check the validity of the entered Vat number. User can access this page through the **Address Book** menu available in the left navigation panel.
- The **Validate Vat** button appears on the **Shipping Address** page to check the validity of the entered Vat number during checkout process.

2. Configuration Settings

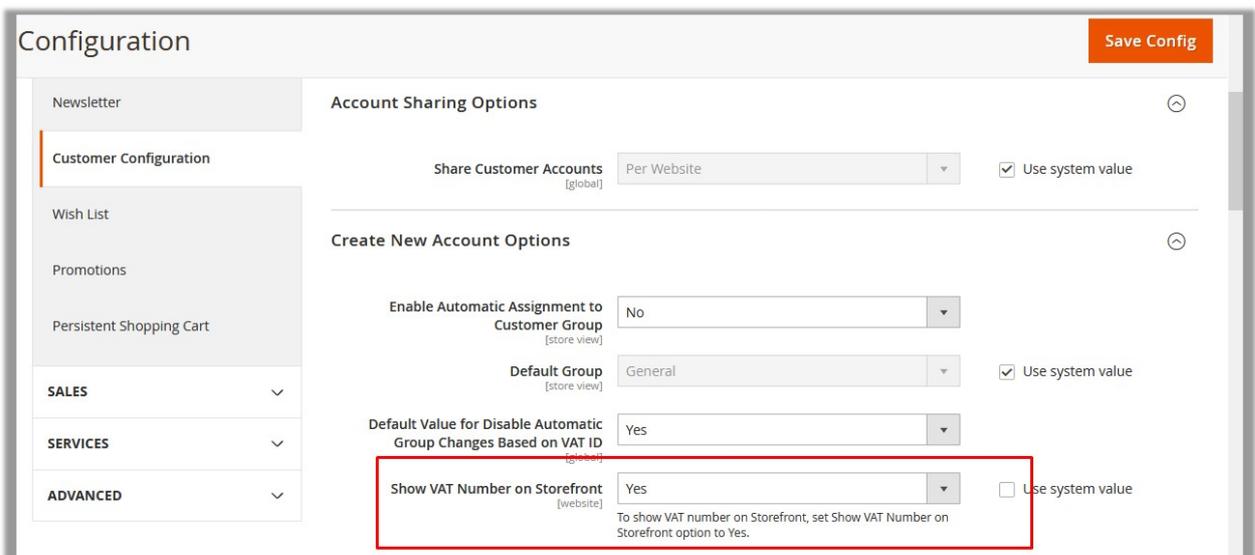
After installing the Vat Validation extension for Magento 2, the admin has to set up the configuration settings to enable the extension feature.

To enable Vat Validation extension feature

1. Go to the **Admin** panel.
2. On the left navigation bar, click the **STORES** menu, and then click **Configuration**.
The **Configuration** page appears.
3. In the left navigation panel, click the **CUSTOMERS** menu, and then click **Customer Configuration**.
As shown in the following figure:



- In the right panel, the **Create New Account Options** tab is expanded and the relevant fields appear.
4. Scroll down to the **Create New Account Options** tab.
The page appears as shown in the following figure:



5. In the **Show VAT Number on Storefront** list, select **Yes**.
Select **Yes** to show VAT number on the front-end view.
6. Scroll down to the **Name and Address Options** tab.
The page appears as shown in the following figure:

The screenshot shows the 'Name and Address Options' configuration page. The 'Show Tax/VAT Number' dropdown is highlighted with a red box and set to 'Required'. Other options include 'Number of Lines in a Street Address' (2), 'Show Prefix' (No), 'Prefix Dropdown Options' (empty), 'Show Middle Name (initial)' (No), 'Show Suffix' (No), 'Suffix Dropdown Options' (empty), 'Show Date of Birth' (No), and 'Show Gender' (No). A 'Use system value' checkbox is checked.

7. In the **Show Tax/VAT Number** list, select the required option.
8. Click the **Save Config** button.
The configuration settings are saved.

3. Presence of Validate Vat Button on Front-End View

This section covers the information on the appearance of the Validate Vat button on the front-end view.

First Occurrence:

Create New Customer Account Page: The **Validate Vat** button appears on the page while creating a new customer account to check whether the Vat number is valid or not. It restricts the customers to submit the form if

they enter an invalid vat number.

The button appears on the page as shown in the following figure:

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Create New Customer Account

Personal Information

First Name *

Last Name *

Sign Up for Newsletter

Tax/VAT number *

[Validate vat](#)

Address Information

Company

Phone Number *

Street Address *

City *

State/Province *

Please select a region, state or province. 

Zip/Postal Code *

Country *

United States 

Sign-in Information

Email *

Password *

Password Strength: No Password

Confirm Password *

* Required Fields

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- In the **Tax/VAT number** box, enter the VAT number, followed by selecting the country from the drop down and then click the **Validate vat** button to check if the number is valid.

Note: We need to select the country also, before Validate vat, since country code would also be applied with the vat code.

Only if the number is valid, the customer is allowed to submit the account creation form, else the error appears.

Second Occurrence:

Edit Account Information Page: The Validate Vat button appears on the page while editing the customer account information to check whether the Vat number is valid or not. It restricts the customers to edit and save the information if they enter an invalid vat number.

- In the left navigation panel, click the **Account Information** menu.
The **Edit Account Information** page and the **Validate Vat** button associated with the **Tax/VAT number** field appears on the page as shown in the following figure:

The screenshot displays the 'Edit Account Information' page. On the left is a navigation menu with options: Account Dashboard, Account Information (highlighted), Address Book, My Downloadable Products, My Orders, Stored Payment Methods, Newsletter Subscriptions, Billing Agreements, My Product Reviews, and My Wish List. The main content area is titled 'Edit Account Information' and contains the 'Account Information' section. It features three input fields: 'First Name *' with the value 'Veronica', 'Last Name *' with the value 'Costello', and 'Tax/VAT number *' which is currently empty. Below the 'Tax/VAT number' field is a blue button labeled 'Validate vat', which is highlighted with a red rectangular box. Underneath this button are two checkboxes: 'Change Email' and 'Change Password', both of which are unchecked. At the bottom of the form is a blue 'Save' button. In the bottom left corner, there is a 'Compare Products' section with the text 'You have no items to compare.'

- In the **Tax/VAT number** box, enter the VAT number and then click the **Validate vat** button to check if the number is valid.
Only if the number is valid, the customer is allowed to save the edited information, else the error appears.

Third Occurrence:

Add New Address page: The **Validate Vat** button appears on the page while adding new address through Address Book from My Account to check whether the Vat number is valid or not. It restricts the customers to add the new address if they enter an invalid vat number.

- In the left navigation panel, click the **Address Book** menu.
The button appears on the page as shown in the following figure:

The screenshot shows the 'Add New Address' page. On the left is a navigation menu with 'Address Book' highlighted in a red box. The main content area is divided into two columns: 'Contact Information' and 'Address'. The 'Contact Information' column contains fields for First Name (with 'Veronica' entered), Last Name (with 'Costello' entered), Company, Phone Number, and Fax. The 'Address' column contains fields for Street Address, VAT Number, City, and State/Province (with a dropdown menu). A green 'Validate vat' button is highlighted in a red box below the VAT Number field.

- In the **VAT number** box, enter the VAT number, followed by selecting the country from the drop down and then click the **Validate vat** button to check if the number is valid.
Only if the number is valid, the customer is allowed to add the new address, else the error appears.

Fourth Occurrence:

Shipping Address page During Checkout: The **Validate Vat** button appears on the Shipping Address page during checkout process and also while adding new address during the checkout process.

Customer can check whether the Vat number is valid or not. It restricts the customers to add the new address if they enter an invalid vat number.

The button appears on the page as shown in the following figure:

The screenshot shows the LUMA checkout interface. At the top left is the LUMA logo. A progress bar indicates the current step is 'Shipping' (marked with a checkmark) and the next step is 'Review & Payments' (marked with the number 2). A 'Sign In' link is in the top right corner.

The main section is titled 'Shipping Address' and contains several input fields: 'Email Address *', 'First Name *', 'Last Name *', 'Company', 'Street Address *' (with two stacked input boxes), 'City *', 'State/Province *' (a dropdown menu with the text 'Please select a region, state or province.'), 'Zip/Postal Code *', 'Country *' (a dropdown menu with 'United States' selected), 'Phone Number *', and 'VAT number'. A blue button labeled 'Validate VAT' is positioned below the VAT number field and is highlighted with a red rectangle.

To the right of the form is an 'Order Summary' box. It shows '1 Item in Cart' and lists 'Fusion Backpack' with a quantity of 1 and a price of \$59.00.

At the bottom of the form, under the heading 'Shipping Methods', there are two radio button options: '\$0.00 Table Rate Best Way' and '\$0.00 Fixed Flat Rate'. A blue 'Next' button is located at the bottom right of the form area.

- In the **VAT number** box, enter the VAT number, followed by country name from the drop down list and then click the **Validate vat** button to check if the number is valid. Only if the number is valid, the customer is allowed to proceed further to checkout, else the error appears.

During checkout process while adding new address for shipping.

- Click the **New Address** button.

The Shipping Address page and the **Validate VAT** button on the page appear as shown in the following figure.

The image shows a screenshot of a web application interface. On the left, a 'Shipping Address' page is visible, featuring a list of addresses for 'Veronica Costello' and a '+ New Address' button. A red arrow points from this button to a modal dialog box titled 'Shipping Address'. The modal dialog contains the following fields and controls:

- A text input field for the address.
- A 'Zip/Postal Code *' field.
- A 'Country *' dropdown menu currently set to 'United States'.
- A 'Phone Number *' field with a help icon.
- A 'VAT number' field.
- A blue 'Validate VAT' button.
- A checkbox labeled 'Save in address book' which is checked.
- 'Cancel' and 'Save Address' buttons at the bottom right.

- In the **VAT number** box, enter the VAT number, followed by country name from the drop down list and then click the **Validate vat** button to check if the number is valid. Only if the number is valid, the customer is allowed to proceed further to checkout, else the error appears.