

# Authorize.net CIM - Magento 2

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# Installation

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Before installing the extension, please make sure to **Backup your web directory and store database**

- Unzip the extension package file into the root folder of your Magento 2 installation.
- Connect to SSH console of your server:
  - Navigate to the root folder of your Magento 2 setup
  - Run command as per below sequence,

```
php -f bin/magento setup:upgrade
```

```
php -f bin/magento module:enable Magedelight_Authorizecim
```

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

- Flush store cache
- log out from the backend and log in again

# License Configuration

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License activation is not required for extension purchased from Magento Marketplace.

After successful installation of **Authorize.net CIM** extension, you are now required to configure the license key in the admin configuration section. You can set it from:

**Step 1: Go to, Admin Control Panel > Stores > Configuration > MageDelight > Authorize.net CIM > License Configuration.**

You will find two text boxes asking for Serial Key and Activation Key, which you received on email upon the purchase of extension. See screenshot below:

## License Configuration

<b>Serial Key</b> [store view]	<input type="text"/>
<b>Activation Key</b> [store view]	<input type="text"/>

- **Serial Key:** Enter Serial Key
- **Activation Key:** Enter Activation Key

**Step 2: Expand “General Configuration” tab, you will find a list of domains for which license is purchased and configured, now select the domain you are going to use, you can select multiple domains by clicking “Ctrl + Select”.**

## General Configuration

Select Website [website]

- www.MageDelight.com
- www.krishtechnolabs.com
- www.rocketbazaar.com

Please save serial and activation keys to get the available options.

**Step 3: Now, select “Yes” from “Enable Module” to enable extension and again click on “Save Config” button on the top right.**

## General Settings

Enable Module [store view]

- Yes

# Payment Gateway Configuration

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## Daily Velocity Filter

You can specify velocity of the transactions per day. It allows you to specify a threshold for the number of transactions allowed per day. All transactions exceeding the threshold in that day will be flagged and processed according to the selected filter actions. You can see available filter action options in below image.

**Daily Velocity Filter** [Help](#)

**Enable Filter** Filter Disabled

The Velocity Filter allows you to specify a threshold for the number of transactions allowed per day. All transactions exceeding the threshold in that day will be flagged and processed according to the filter action selected below.

**Notes:**

- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.
- You should monitor or review your processing trends over several weeks to help you determine a typical per-day high.

**Transaction Velocity Threshold**

Allow  transactions per day.

**Filter Actions**

Take the following action when a transaction triggers this filter:

 Process as normal and report filter(s) triggered.

 Authorize and hold for review.

 Do not authorize, but hold for review.

 Decline the transaction.

## Hourly Velocity Filter

You can specify velocity of the transactions per hour. It allows you to specify a threshold for the number of transactions allowed per hour. All transactions exceeding the threshold in that hour will be flagged and processed according to the selected filter actions. You can see available filter action options in below image.

## Hourly Velocity Filter

[Help](#)

**Enable Filter**

Filter Disabled

The Velocity Filter allows you to specify a threshold for the number of transactions allowed per hour. All transactions exceeding the threshold in that hour will be flagged and processed according to the filter action selected below.

### Notes:

- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.
- You should monitor or review your processing trends over several weeks to help you determine a typical per-hour high.

### Transaction Velocity Threshold

Allow  transactions per hour.

### Filter Actions

Take the following action when a transaction triggers this filter:

-  Process as normal and report filter(s) triggered.
-  Authorize and hold for review.
-  Do not authorize, but hold for review.
-  Decline the transaction.

**Save**

**Cancel**

## Suspicious Transaction Filter

The Suspicious Transaction Filter is a proprietary tool developed by Authorize.Net Risk Management team to identify suspicious transactions. Based on a vast knowledge base of transaction behaviors and fraud detection analysis, the Suspicious Transaction Filter provides enhanced fraud detection for your account.

The screenshot shows the Authorize.Net Fraud Detection Suite interface. At the top, there's a navigation bar with links for FEEDBACK, CONTACT US, HELP, and LOG OUT. A welcome message "Welcome: TestFirstName TestLastName" is displayed. Below the navigation bar, there are tabs for HOME, TOOLS (which is selected), REPORTS, TRANSACTION SEARCH, and ACCOUNT.

In the left sidebar, under the "Fraud Detection Suite" heading, there are links for Virtual Terminal, Upload Transactions, Recurring Billing, Customer Information Manager, Simple Checkout, Account Updater, and Invoicing.

The main content area is titled "Suspicious Transaction Filter". It includes a section for "Enable Filter" which is currently disabled. A note states: "The Suspicious Transaction Filter is a proprietary tool developed by our Risk Management team to identify suspicious transactions. Based on a vast knowledgebase of transaction behaviors and fraud detection analysis, the Suspicious Transaction Filter provides enhanced fraud detection for your account." Another note says: "There are no merchant-controlled configurations for this filter. Management of this filter is handled exclusively by our dedicated Risk Management team." A note also specifies: "Note: If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours."

A "Filter Actions" section asks what action to take when a transaction triggers the filter. Three options are listed:

- Process as normal and report filter(s) triggered.
- Authorize and hold for review.
- Do not authorize, but hold for review.

At the bottom of the page are "Save" and "Cancel" buttons, and links for "Terms of Use" and "Privacy Policy".

## Transaction IP Velocity Filter

You can specify the number of maximum transactions allowed per IP address per hour. It allows you to specify the maximum number of transactions allowed from the same Internet protocol (IP) address per hour. If your account receives more transactions from the same IP address in an hour than the threshold you set, all exceeding transactions received that hour will be flagged and processed according to the selected filter action. You can see available filter action options in below image.

The screenshot shows the Authorize.Net interface with the 'TRANSACTION SEARCH' tab selected. On the left, a sidebar lists various tools under 'HOME' and 'TOOLS'. Under 'Fraud Detection Suite', it includes 'Customer Information Manager', 'Simple Checkout', 'Account Updater', and 'Invoicing'. The main content area is titled 'Transaction IP Velocity Filter'. A note at the top states: 'The Transaction IP Velocity Filter allows you to specify the maximum number of transactions allowed from the same Internet protocol (IP) address per hour. If your account receives more transactions from the same IP address in an hour than the threshold you set, all exceeding transactions received that hour will be flagged and processed according to the filter action selected below.' Below this is a 'Notes:' section with two bullet points:

- IMPORTANT: If you submit Advanced Integration Method (AIM) transactions, in order to use this filter you must submit the customer IP address (`x_customer_ip`) with each transaction.
- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.

The 'Transaction IP Velocity Threshold' section contains a text input field 'Allow [2]' followed by a note: 'transactions from the same IP address per hour.' The 'IP Address Exclusion' section shows a list box containing '10.16.16.131' with a note: 'Specify any IP addresses that you wish to exclude from the Transaction IP Velocity filter.' A note below states: 'Note: The Transaction IP Velocity filter automatically excludes America Online, Inc. IP addresses.' The 'Filter Actions' section contains four radio button options:

- Process as normal and report filter(s) triggered.
- Authorize and hold for review.
- Do not authorize, but hold for review.
- Decline the transaction.

At the bottom are 'Save' and 'Cancel' buttons, and links to 'Terms of Use' and 'Privacy Policy'.

## Enhanced AVS Handling Filter

The payment gateway provides comprehensive Address Verification Service (AVS). It is a tool designed to assist in identifying potentially fraudulent credit card transactions. For every credit card authorization, AVS compares the billing address and ZIP code provided by the customer at the time of purchase, to the address and ZIP code on file at the card issuing bank. AVS then returns a response code indicating the results of the comparison.

## Enhanced Address Verification Service (AVS) Handling Filter

[Help](#) **Enable Filter****Filter Disabled**

The Address Verification Service (AVS) is a tool designed by bankcard processors to assist in identifying potentially fraudulent credit card transactions. For every credit card authorization, AVS compares the billing address and ZIP code provided by the customer at the time of purchase, to the address and ZIP code on file at the card issuing bank. AVS then returns a response code indicating the results of the comparison.

In the section below, you can configure one of four actions for the AVS Filter to take on transactions that return AVS response codes, by selecting the corresponding radio button next to each code. You can choose to: allow the transaction; process the transaction, but report the filter as triggered; authorize the transaction and hold it for review; or decline the transaction. At a minimum, the recommended AVS filter settings are to select Authorize And Hold For Review for AVS response codes B, E, R, G, U, S, and N.

**Notes:**

- IMPORTANT:** To ensure that transactions are run through the AVS Filter, you must edit your payment form settings to set the Billing Address and ZIP Code fields as "Required" fields, regardless of whether you use Advanced Integration Method (AIM) or Server Integration Method (SIM) for connecting to the payment gateway. For more information on how to do this, please click the blue Help link beneath the main toolbar at the upper right corner of this page.
- If you select Authorize and Hold For Review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.
- All transactions that return an AVS response code have received an authorization from the card issuing bank. If the transaction was declined by the issuing bank for a reason not related to AVS (for example, not enough funds available for the purchase), no AVS response code will be issued by the payment gateway.

### General AVS Responses

	Allow, Report Triggered Filter(s)	Authorize For Review			
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	B	Transaction was submitted without a billing address.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	E	AVS data provided is invalid or AVS is not allowed for the card type that was used.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	R	The AVS system was unavailable at the time of processing.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	G	The card issuing bank is of non-U.S. origin and does not support AVS.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	U	The address information for the cardholder is unavailable.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	S	The U.S. card issuing bank does not support AVS.

### Address and ZIP Code Responses

Allow	Allow, Report Triggered Filter(s)	Authorize and Hold For Review	Decline				
					Street Address	ZIP Code	Extended ZIP
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	N	No Match	No Match	No Match
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	A	Matched	No Match	No Match
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Z	No Match	Matched	No Match
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	W	No Match	Matched	Matched
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y	Matched	Matched	No Match

**EXAMPLE:**

808 E UTAH VALLEY DR | AMERICAN FORK, UT | 84003-9707

Street Address

ZIP Code

Extended ZIP

**Tips**

- The **N** response code indicates there is no match on both the street address and ZIP code. An **N** response code is typically a strong indicator of fraud. However, it may be legitimate if a customer has recently moved and has not updated their address with the card issuing bank.

## Enhanced CCV Handling Filter

The payment gateway provides comprehensive code verification services. Card Code Verification (CCV) compares the three- or four-digit card code submitted in a transaction with the card code on file at the card issuing bank. Based on the results of that comparison, the bank returns a CCV response code.

### Enhanced Card Code Verification (CCV) Handling Filter

[Help](#)

**Enable Filter**

Filter Disabled

Card Code Verification (CCV) compares the three- or four-digit card code submitted in a transaction with the card code on file at the card issuing bank. Based on the results of that comparison, the bank returns a CCV response code.

In the section below, you can configure one of four actions for the CCV Filter to take on transactions that return CCV response codes, by selecting the corresponding radio button next to each code. You can choose to: allow the transaction; process the transaction, but report the filter as triggered; authorize the transaction and hold it for review; or decline the transaction. The payment gateway will then take the appropriate action on triggered transactions.

#### Notes:

- IMPORTANT:** To ensure that transactions are run through the CCV Filter, you must edit your payment form settings to set the Card Code field as a "Required" field, regardless of whether you use Advanced Integration Method (AIM) or Server Integration Method (SIM) for connecting to the payment gateway. For more information on how to do this, please click the blue Help link beneath the main toolbar at the upper right corner of this page.
- If you select Authorize and Hold For Review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.
- All transactions that return a CCV response code have received an authorization from the card issuing bank. If the transaction was declined by the issuing bank for a reason not related to CCV (for example, not enough funds available for the purchase), no CCV response code will be issued by the payment gateway.

Allow	Allow, Report Triggered Filter(s)	Authorize And Hold For Review	Decline	If Card Code value
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	N Does NOT Match
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	P Is NOT Processed
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	S Should be on card, but is not indicated
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	U Issuer is not certified or has not provided encryption key

[Save](#)

[Cancel](#)

## Amount Filter

The Amount Filter allows you to specify a lower limit and/or upper limit for your transactions. Transactions that are submitted with an amount less than your lower limit or greater than your upper limit will be flagged and processed according to the selected filter action. You can see available filter action options in below image.

If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.

## Amount Filter

[Help](#) **Enable Filter**

Filter Disabled

The Amount Filter allows you to specify a lower limit and/or upper limit for your transactions. Transactions that are submitted with an amount less than your lower limit or greater than your upper limit will be flagged and processed according to the filter action selected below.

**Note:** If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.

### Transaction Limits (Per Transaction)

Lower Limit: Upper Limit: 

### Filter Actions

Take the following action when a transaction triggers this filter:

-  Process as normal and report filter(s) triggered.
-  Authorize and hold for review.
-  Do not authorize, but hold for review.
-  Decline the transaction.

## Shipping Address Verification Filter

The Shipping Address Verification (SAV) Filter verifies that the shipping address received with an order is a valid postal address or not.

- **IMPORTANT:** To ensure that transactions are run through the Shipping Address Verification Filter, you must edit your payment form settings to set the Shipping Address, City, State and Zip Code fields as "Required" fields, regardless of whether you use Advanced Integration Method (AIM) or Server Integration Method (SIM) for connecting to the payment gateway.
- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.

## Shipping Address Verification Filter

[Help](#)

**Enable Filter**

Filter Disabled

The Shipping Address Verification Filter verifies that the shipping address received with an order is a valid postal address.

### Notes:

- **IMPORTANT:** To ensure that transactions are run through the Shipping Address Verification Filter, you must edit your payment form settings to set the Shipping Address, City, State and Zip Code fields as "Required" fields, regardless of whether you use Advanced Integration Method (AIM) or Server Integration Method (SIM) for connecting to the payment gateway.
- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.

### Filter Actions

Take the following action when a transaction triggers this filter:

-  Process as normal and report filter(s) triggered.
-  Authorize and hold for review.
-  Do not authorize, but hold for review.
-  Decline the transaction.

[Save](#)

[Cancel](#)

## IP-Shipping Address Mismatch Filter

The IP-Shipping Address Mismatch Filter compares the order's originating IP Address with the shipping address provided. This helps to determine whether or not the order is shipping to the country in which it originated. You can see available filter action options in below image.

- **IMPORTANT:** If you submit Advanced Integration Method (AIM) transactions, in order to use this filter you must submit the customer IP address (x\_customer\_ip) with each transaction.
- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.
- Keep in mind that mismatches are common with gift transactions and do not always indicate suspicious transactions.

## IP-Shipping Address Mismatch Filter

[Help](#)

**Enable Filter**

Filter Disabled

The IP-Shipping Address Mismatch Filter compares the order's originating IP Address with the shipping address provided. This helps to determine whether or not the order is shipping to the country in which it originated.

**Notes:**

- **IMPORTANT:** If you submit Advanced Integration Method (AIM) transactions, in order to use this filter you must submit the customer IP address (`x_customer_ip`) with each transaction.
- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.
- Keep in mind that mismatches are common with gift transactions and do not always indicate suspicious transactions.

### Filter Actions

Take the following action when a transaction triggers this filter:

-  Process as normal and report filter(s) triggered.
-  Authorize and hold for review.
-  Do not authorize, but hold for review.
-  Decline the transaction.

**Save**

**Cancel**

## Regional IP Address Filter

The Regional IP Address Filter allows you to designate regions or countries from which you do not want to accept transactions. You can choose to process normally and report; hold for review; or decline orders based on an entire geographic area, or on a country-by-country basis.

To configure the filter actions based on an entire region, click Edit Regional Settings and then select the radio button that corresponds to the action you want to select.

To configure filter actions for each country in a region, click Edit Regional Settings, then click Expand Geographic Region. A list of all countries in the region will display. Select the radio button that corresponds to the action you want to select for each country, then click Save when finished.

Feedback Contact Us Help Log Out

Welcome: TestFirstName TestLastName

**Authorize.Net**

HOME      TOOLS      REPORTS      TRANSACTION SEARCH      ACCOUNT

**Regional IP Address Filter** [Help](#)

Enable Filter Filter Disabled

The Regional IP Address Filter allows you to designate regions or countries from which you do not want to accept transactions. You can choose to process normally and report; hold for review, or decline orders based on an entire geographic area, or on a country-by-country basis.

To configure the filter actions based on an entire region, click **Edit Regional Settings** and then select the radio button that corresponds to the action you want to select.

To configure filter actions for each country in a region, click **Edit Regional Settings**, then click **Expand Geographic Region**. A list of all countries in the region will display. Select the radio button that corresponds to the action you want to select for each country, then click **Save** when finished.

**IMPORTANT:**

- After saving your selections for each region, you must check the **Enable Filter** box above for the filter to be configured.
- If you submit Advanced Integration Method (AIM) transactions, in order to use this filter you must submit the customer IP address (`x_customer_ip`) with each transaction.

Geographic Region:

<input type="checkbox"/> Africa	<a href="#">Edit Regional Settings</a>	Configured By Region
<input checked="" type="checkbox"/> Process Transaction as Normal		
<input checked="" type="checkbox"/> Process Transaction as Normal	Configured By Region	
<input type="checkbox"/> Asia	<a href="#">Edit Regional Settings</a>	Configured By Country
 Configuration chosen on a country by country basis		
<input type="checkbox"/> Central America / Caribbean	<a href="#">Edit Regional Settings</a>	Configured By Region
<input checked="" type="checkbox"/> Process Transaction as Normal		
<input type="checkbox"/> Europe	<a href="#">Edit Regional Settings</a>	Configured By Region
<input checked="" type="checkbox"/> Process Transaction as Normal		
<input type="checkbox"/> Middle East	<a href="#">Edit Regional Settings</a>	Configured By Region
<input checked="" type="checkbox"/> Process Transaction as Normal		
 Authorize Transactions and Hold for Review	<a href="#">Edit Regional Settings</a>	Configured By Region
<input type="checkbox"/> North America	<a href="#">Edit Regional Settings</a>	Configured By Region
		
<input checked="" type="checkbox"/> Oceania	<a href="#">Edit Regional Settings</a>	Configured By Region
<input checked="" type="checkbox"/> Process Transaction as Normal		
<input type="checkbox"/> South America	<a href="#">Edit Regional Settings</a>	Configured By Region
<input checked="" type="checkbox"/> Process Transaction as Normal		
<input type="checkbox"/> Unresolved Region	<a href="#">Edit Regional Settings</a>	Configured By Region
<input checked="" type="checkbox"/> Process Transaction as Normal		
<a href="#">Save</a> <a href="#">Cancel</a>		

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## Shipping-Billing Mismatch Filter

This filter permits you to compare the shipping and billing addresses provided by the client. If the two addresses do not match, the transaction is flagged and processed according to the selected filter action.

## Shipping-Billing Mismatch Filter

[Help](#) **Enable Filter**

Filter Disabled

This filter allows you to compare the shipping and billing addresses provided by the customer. If the two addresses do not match, the transaction is flagged and processed according to the filter action selected below.

**Notes:**

- If you select Authorize and hold for review as the filter action, once the transaction is held for review, we recommend you take action to approve or void the transaction within 72 hours.
- Keep in mind that address mismatches are common with gift transactions and do not always indicate suspicious transactions.

### Filter Actions

Take the following action when a transaction triggers this filter:

-  Process as normal and report filter(s) triggered.
-  Authorize and hold for review.
-  Do not authorize, but hold for review.
-  Decline the transaction.

## Authorized API IP Addresses

The payment gateway allows IP address validation to access APIs. API can not be accessed from other IP address. You can configure a list of authorized server IP addresses from which API transactions will be accepted by the payment gateway. Any API transaction submitted from an IP address not included on this list will be rejected.

## Authorized API IP Addresses

[Help](#) **Enable Filter**

Filter Disabled

**Note:** Only merchants exclusively submitting API transactions should use this tool.

Configure a list of authorized server IP addresses from which API transactions will be accepted by the payment gateway. Any API transaction submitted from an IP address not included on this list will be rejected.

**Note:** The payment gateway does not store rejected transactions.

### API IP Address List

Only accept API transactions from the following server IP addresses.

 .  .  . 

Add >  
< Remove

10.16.16.131
101.22.22.22
202.131.115.180

Total IP Address Count: 3

**Save**

**Cancel**

## IP Address Blocking

An advanced IP blocking functionality is available with Payment Gateway. IP Address Blocking allows you to block transactions submitted from IP addresses known to be the source of suspicious or fraudulent transactions. No one can access from blocked IP address.

## IP Address Blocking

[Help](#) **Enable Filter**

Filter Disabled

IP Address Blocking allows you to block transactions submitted from IP addresses known to be the source of suspicious or fraudulent transactions.

**Note:** Advanced Integration Method (AIM) transactions must include the customer IP address (`x_customer_ip`) in order to use this tool.

### IP Address Block List

Configure a list of IP addresses or IP address ranges that will be blocked from submitting transactions.

**Note:** Use caution when blocking dynamically assigned IP addresses, such as America Online (AOL) IP addresses. Doing so may result in the blocking of legitimate transactions.

Transactions submitted from IP addresses on this list or in the specified range will be blocked. The payment gateway does not store blocked transactions, so any transactions that are blocked will not be viewable from within the Merchant Interface.

**Note:** The payment gateway does not store blocked transactions.

 .  .  . to XXX.XXX. . †

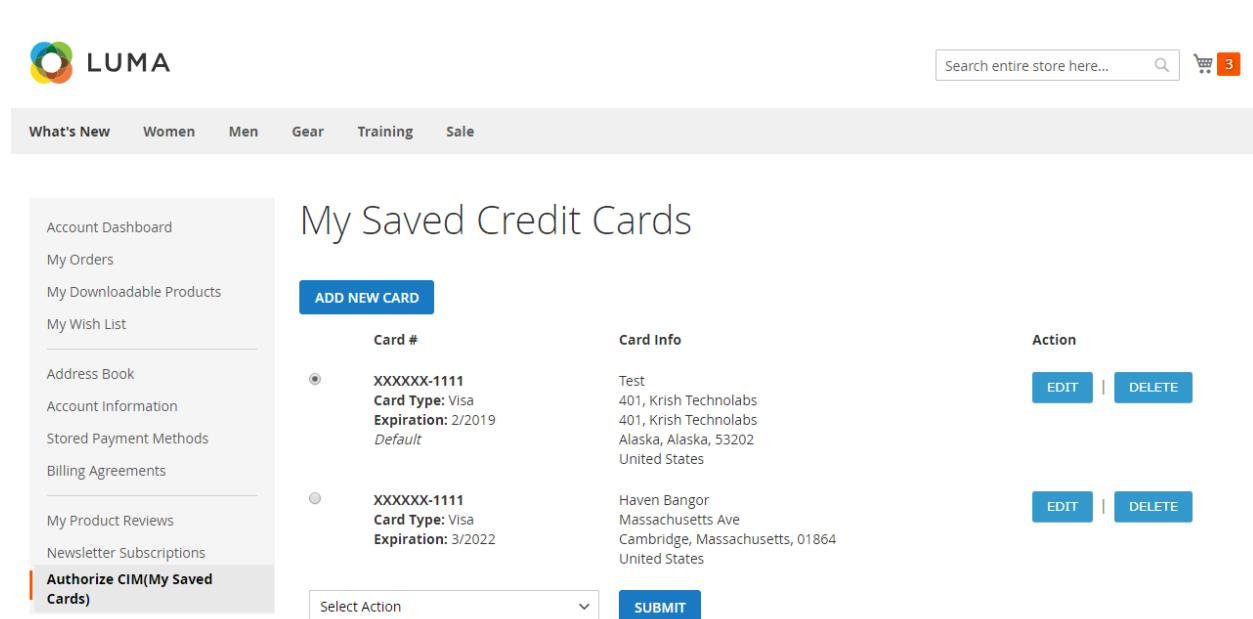
† Optional Range Value

10.16.16.131
10.16.16.216
62.138.16.94
113.19.195.53
172.17.0.1
202.131.115.180

IP Range Count: 6

# Backend Configuration (Admin side)



The screenshot shows the LUMA Admin interface with a sidebar on the left containing links like Account Dashboard, My Orders, My Downloadable Products, My Wish List, Address Book, Account Information, Stored Payment Methods, Billing Agreements, My Product Reviews, Newsletter Subscriptions, and Authorize CIM(My Saved Cards). The main content area is titled "My Saved Credit Cards" and features a table with two rows of saved cards. Each row includes a "Card #", "Card Info" (with details like Card Type, Expiration, and holder information), and an "Action" column with "EDIT" and "DELETE" buttons. A "Select Action" dropdown and a "SUBMIT" button are at the bottom.

Action	Card #	Card Info
<a href="#">EDIT</a>   <a href="#">DELETE</a>	XXXXXX-1111 Card Type: Visa Expiration: 2/2019 Default	Test 401, Krish Technolabs 401, Krish Technolabs Alaska, Alaska, 53202 United States
<a href="#">EDIT</a>   <a href="#">DELETE</a>	XXXXXX-1111 Card Type: Visa Expiration: 3/2022	Haven Bangor Massachusetts Ave Cambridge, Massachusetts, 01864 United States

- **Enabled:** This can enable/disable the [Authorize.net](#) CIM Payment method.
- **Title:** Here you can define the label for [Authorize.net](#) CIM Payment method that will display in
  - Payment section of one page checkout.
  - Payment information of order, invoice, credit memo and shipment section.
- **API Login ID:** Merchant can define API Login Id that is associated with current [Authorize.net](#) merchant account.
- **Transaction Key :** Merchant can define Transaction Key that is associated with current [Authorize.net](#) merchant account.
- **Enable Accept.js:** Admin can enable the Accept.js if he wants to transfer the payment data directly from client to [authorize.net](#) server. (If it is enabled the sensitive data of client would bypass the merchant server)

Make sure that the URL of your website is SSL certified. To use this feature it is mandatory to get the SSL certificate for your website.

- **Client Key:** Copy the key from merchant account of [authorize.net](#) and enter here.
- **Test Mode:** Admin can define the mode of [Authorize.net](#) CIM Payment method of web shop. Merchant can set either “Yes”/ “No” for this option depends on the environment of web shop (Production or Development).
- **Payment Action:** Admin can define the payment action that would take on successful order placed by user. Admin can choose,

- **Authorize and Capture:** This payment action will directly capture the requested amount from the customer credit card on placing an order from frontend or backend. Invoice will automatically create when user successfully place an order.
  - **Authorize Only:** This payment action will only authorize the requested amount on the credit card of customer on placing an order from frontend or backend. In this payment action invoice will not be created after order creation successfully. Admin will have to manually create invoice from backend from order management section.
- **Gateway WSDL:** This options defines the WSDL URL of [Authorize.net](#) CIM Payment method API. Depending on the API Type option selected by admin, this option will have different value,
  - API Type Selected “Xml” will have this value  
<https://api.authorize.net/xml/v1/schema/AnetApiSchema.xsd>
  - API Type Selected “Soap” will have this value  
<https://api.authorize.net/soap/v1/Service.asmx?WSDL>
- **Gateway URL:** This option defines the Gateway URL for live mode of [Authorize.net](#) CIM payment method API. Depending on the API Type option selected by admin, this option will have different value
  - API Type Selected “Xml” will have this value  
<https://api.authorize.net/xml/v1/request.api>
  - API Type Selected “Soap” will have this value  
<https://api.authorize.net/soap/v1/Service.asmx>
- **Test Gateway URL:** This option defines the Gateway URL for Test mode of [Authorize.net](#) CIM payment method API. Depending on the API Type option selected by admin, this option will have different value
  - API Type Selected “Xml” will have this value  
<https://apitest.authorize.net/xml/v1/request.api>”.
  - API Type Selected “Soap” will have this value  
<https://apitest.authorize.net/soap/v1/Service.asmx>”.
- **Accepted Currency:** This option defines the currency that merchant want to accept with [Authorize.net](#) CIM payment method.
- **Debug:** This option defines the debugging mode of [Authorize.net](#) CIM payment method. Admin can choose “Yes / No” depending on the Production / Development environment if web site. Normally this option should only enabled for development environment.
- **Email Customer:** This option will define the email notification generated from [authorize.net](#) payment gateway when transaction will successfully completed from web site.
- Option value “Yes” of this field will send gateway generated transaction email to customer email address.
- **Sort Order:** This option defined the sort order of payment method on the payment step on checkout one page of frontend.
- **Credit Card Types:** This option defines the list of Credit Cards that customer can choose from card selection field on payment section of one page checkout page.
- **Credit Card Verification:** This field will allow admin to select whether Card Code Verification option should be display or not on payment section.

- **Payment from Applicable Countries:** This option allow admin to configure [Authorize.net](#) CIM Payment gateway for specific countries,
  - By selecting “All Allowed Countries” from this option will make [Authorize.net](#) CIM Payment for customers from all the countries.
  - By selecting “Specific Countries” from this option will make [Authorize.net](#) CIM Payment method for customers from specific countries.
- **Payment from Specific Countries:**  
 This option will only enabled if “Payment from Applicable Countries” option will set to “Specific Countries”.  
 This option will be multi select option so admin can choose one or more countries from this fields for which this payment method will be display on payment section.
- **Minimum Order Total:** This option defines the minimum order total for which this payment method display on payment section of one-page checkout on frontend.
- **Maximum Order Total:** This option defines the maximum order total for which this payment method will display on payment section of one-page checkout page of frontend.
- **Allow Partial Authorization:** This option defines whether merchant would allow customers to place an order who have not balance on credit card for order processing.
- **Send Line Items:** By configuring this field to “Yes” will display the order items to display in gateway generated emails and also in transaction details page in merchant panel.
- **Delete Cards:** Admin can edit the merchant details (though it is not a good practice to change). On edit, it is required to delete the saved credit cards manually from **Stores->configuration->Sales->Payment Methods ->Authorize.net CIM**
  - All saved credit cards details are associated with merchant details. Hence, if merchant edits the details it is required to delete the saved cards because for the authorization merchant details should be matched with saved credit cards.

# Backend Functionality

The screenshot shows a user interface for managing customer information. On the left, there's a sidebar titled "CUSTOMER INFORMATION" with links: Customer View, Account Information, Addresses, Orders, Billing Agreements, Wish List, and a highlighted "Saved Stripe Cards". In the center, there's a button labeled "Add New Card". To the right, there's a form for adding a new card, which includes fields for Name, Street Address 1, Street Address 2, City, State/Province (with a dropdown menu), Zip/Postal Code, Country (United States), Credit Card Type (dropdown menu with "Please Select"), Credit Card Number, Expiration Date (two dropdown menus for month and year), and Card Verification Number. At the bottom right of the form are "Save" and "Cancel" buttons.

**CUSTOMER INFORMATION**

- Customer View
- Account Information
- Addresses
- Orders
- Billing Agreements
- Wish List
- Saved Stripe Cards**

Add New Card

\* Name

\* Street Address 1

\* Street Address 2

\* City

\* State/Province  
 Please select a region, state or province. ▾

\* Zip/Postal Code

\* Country  
 United States ▾

\* Credit Card Type  
 --Please Select-- ▾

\* Credit Card Number

\* Expiration Date  
01 - January ▾ 2018 ▾

\* Card Verification Number

Save  Cancel

Admin can manage customer cards from customer management section of backend interface. In customer edit section admin can go to the “**Saved Cards**” tab. Here, admin can able to view all stored cards for each customer, also can add new card as well as edit or delete particular card.

## Manage fraud/suspected fraud transactions

**Authorize.net merchant account settings:** Set up conditions in [Authorize.net](#) merchant account for credit card verification and address verification services.

**Credit card code verification settings:** Login to your merchant account on [Authorize.net](#) site and click on Account tab. Under settings go to security settings -> card code verification to manage fraud transactions related to credit card code value.

Allow	Allow, Report Triggered Filter(s)	Authorize And Hold For Review	Decline	If Card Code value
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	N Does NOT Match
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	P Is NOT Processed
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	S Should be on card, but is not indicated
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	U Issuer is not certified or has not provided encryption key

[Save](#)

[Cancel](#)

Admin can accept payment or deny or review the transaction if suspected fraud as per the conditions set in Authorize.net merchant account.

**Address verification settings:** Login to your merchant account on [Authorize.net](#) site and click on Account tab. Under settings go to security settings -> address verification service to manage fraud transactions related address and zipcode.

General AVS Responses						
Allow	Allow, Report Triggered Filter(s)	Authorize and Hold For Review	Decline			
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	B	Transaction was submitted without a billing address.	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	E	AVS data provided is invalid or AVS is not allowed for the card type that was used.	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	R	The AVS system was unavailable at the time of processing.	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	G	The card issuing bank is of non-U.S. origin and does not support AVS.	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	U	The address information for the cardholder is unavailable.	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	S	The U.S. card issuing bank does not support AVS.	

Address and ZIP Code Responses							
Allow	Allow, Report Triggered Filter(s)	Authorize and Hold For Review	Decline	Street Address	ZIP Code	Extended ZIP	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	N	No Match	No Match	No Match
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	A	Matched	No Match	No Match
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Z	No Match	Matched	No Match
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	W	No Match	Matched	Matched
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y	Matched	Matched	No Match

Admin can accept payment or deny or review the transaction if suspected fraud as per the conditions set in Authorize.net merchant account.

The screenshot shows the Authorize.net Order View page for Order #000000633. At the top, there is a message bubble: "Select action (approve/deny/review) on payment process from admin if transaction is found suspected fraud". Below the message are four buttons: "← Back", "Send Email", "Accept Payment" (which is highlighted with an orange border), "Deny Payment", and "Get Payment Update".

**ORDER VIEW**

Order & Account Information		
Information	Order # 000000633 (The order confirmation email was sent)	Account Information
Invoices	Order Date: May 8, 2017, 10:12:50 AM	Customer Name: Veronica Costello
Credit Memos	Order Status: Suspected Fraud	Email: roni_cost@example.com
Shipments	Purchased From: Main Website Main Website Store Default Store View	Customer Group: General
Comments History	Placed from IP: 10.16.16.117	

Admin can accept payment or deny or review the transaction if suspected fraud as per the conditions set in [Authorize.net](#) merchant account.

- **Accept Payment:** would approve the process and capture the payment.

- Deny Payment:** If the transaction has been denied then, it would void the process.
- Get Payment Update:** would update the transaction status in Magento admin as per the action taken on suspected fraud transaction from [Authorize.net](#) merchant account.

## Manage truthful orders

#000000403

← Back Cancel Send Email Void Hold Invoice Ship Reorder Edit

ORDER VIEW

Information

Invoices

Credit Memos

Shipments

Comments History

Transactions

Order & Account Information

Order # 000000403 (The order confirmation email was sent)

Order Date Mar 14, 2016, 1:21:13 AM

Order Status Processing

Purchased From Main Website

Main Website Store Default Store View

Customer Name Veronica Costello

Email ronni\_cost@example.com

Customer Group General

Payment & Shipping Method

Show all required information about payment transaction for the order

Payment Information

Authorize.net CIM by magedelight

Credit Card Type: Visa

Credit Card Number:xxxx-0022

Processed Amount: \$86.45

Approval Code: 062R0C

Transaction Id: 2252860668

AVS Response: Y (Perfect match)

CAVV Response: 2 (Passed)

The order was placed using USD.

Shipping & Handling Information

Best Way - Table Rate \$15.00

Admin can see the payment information for specific order like “Credit Card Type”, Credit card number with masked format, total processed amount on the card, card issuer approval code, CAVV Result code, Authorize.net gateway generated transaction id and the currency format in which order was placed.

Create New Order for Veronica Costello in De...

Cancel Submit Order

Fusion Backpack 1 \$59.00

Clear Shopping Cart

Wish List (0)

No items

Last Ordered Items (1)

Diana Tights

Products in Comparison List (0)

No items

Payment & Shipping Information

Payment Method

Authorize.net CIM by magedelight

Select From Saved Card

1000-0017, Veronica Costello

Card Verification Number

Admin can place order on behalf of customer using saved card

Shipping Method

Best Way

Table Rate - \$15.00

Flat Rate

Fixed - \$5.00

Order Total

Order History

Order Comments

Order Totals

Subtotal \$14.00

Shipping & Handling \$0.00

Tax \$1.16

Authorize.net CIM payment gateway extension by magedelight.com would allow admin to place order on behalf of customer using saved order. It simply means the admin would not need to contact customer for payment information.

# Frontend Functionality

The screenshot shows the LUMA storefront interface. At the top, there is a navigation bar with links for 'What's New', 'Women', 'Men', 'Gear', 'Training', and 'Sale'. On the right side of the header, there is a search bar with the placeholder 'Search entire store here...', a magnifying glass icon, a shopping cart icon with a '3' notification, and a red button.

The main content area is titled 'My Saved Credit Cards'. It features a table with two rows of saved cards. Each row contains a card number, card type, expiration date, cardholder name, address, and a 'Default' indicator. To the right of each row is an 'Action' column with 'EDIT' and 'DELETE' buttons. Below the table is a dropdown menu labeled 'Select Action' and a 'SUBMIT' button.

Card #	Card Info	Action
XXXXXX-1111 Card Type: Visa Expiration: 2/2019 Default	Test 401, Krish Technolabs 401, Krish Technolabs Alaska, Alaska, 53202 United States	<a href="#">EDIT</a>   <a href="#">DELETE</a>
XXXXXX-1111 Card Type: Visa Expiration: 3/2022	Haven Bangor Massachusetts Ave Cambridge, Massachusetts, 01864 United States	<a href="#">EDIT</a>   <a href="#">DELETE</a>

As you can see with above screenshot logged in customer have already stored three cards listed. Customer can able to edit each cards information if required, they can also have option to delete particular card.

# Add New Card

## Contact Information

---

First Name \*

Last Name \*

Company

Street Address \*

City \*

State/Province \*

Please select a region, state or province.

Zip/Postal Code \*

Country \*

United States

Phone Number \*

## Card Information

---

Credit Card Type \*

--Please Select--

Credit Card Number \*

Customer will also have button to add new card, which will head to add new card form, which needs to be filed with customer billing address and card details.

Authorize.net CIM

My billing and shipping address are the same

Demo Demo

testg

testg, Georgia 56899966

25656666



Credit Card Number \*

Expiration Date \*

Month  Year

Card Verification Number \*

Note: Save this credit card for future use.

**PLACE ORDER**

If customer have already saved card with authorize.net CIM, they can use to pay for order at the time of checkout. For checkout on payment step there would be a list of stored card from where customer can select the one from list and pay for order to selected saved card. There is also an option to use other card if customer don't want to use save card or if customer don't have any stored card. If card save option is set optional, customer will have choose to save card or not.

# Demo

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[Click here](#) to visit product detail page.

[Click here](#) to visit frontend.

[Click here](#) to visit backend admin panel.

# FAQs

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[Click here](#) to visit FAQs.

# Support

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[Click here](#) to raise a support ticket using your MageDelight account.

# Additional Services

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[Click here](#) to get the customized solution for this extension.

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Thank you for choosing [MageDelight!](#)

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