



Authorize.Net®



— **Magento Extension User Guide**

AUTHORIZE.NET

CIM PAYMENTS

for Magento 2



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Key Features

Void/Cancel Authorizations

When a payment was authorized and not captured yet, merchants can perform cancellation of the transaction from admin panel so the transaction will be released.

Partially Refund

Sometimes it can be that there are not all products in stock but the customer has already paid for it. In this case, an admin can refund partially by selecting the missing products and all money will be sent to the customer.

CVV Verification

CVV verification will help to protect merchants from the payment made by fake card or invalid cards. Credit Card Verification will stop payments when the CCV of a card fails to pass or is invalid. Once a customer added some credit card information on the checkout page, the extension will show and highlight the type of used card (MasterCard, Visa, American Express, etc.).

PCI Compliant

Payment card industry (PCI) compliance refers to the technical and operational standards that businesses must follow to ensure that credit card data provided by cardholders is protected. PCI compliance is enforced by the PCI Standards Council, and all businesses that store, process or transmit credit card data electronically are required to follow the compliance guidelines. If you enable Accept.js for all credit card transactions may make you acceptable for PCI Self-Assessment Questionnaire (SAQ) A-EP.

Authorize or Authorize and Capture

There are two behaviors for payments processing and one must be set according to business processes. Authorize helps you only to authorize an order amount and manually capture it by creating an invoice when it's required. An authorization locks the order amount in the customer's bank account until the merchant captures it. For example, the transaction can be captured when you ship the products to the customer. Authorize and Capture action tells Authorize.Net to capture a transaction at the time of creating order. The transaction will transfer the order amount from the customer's bank account.

Magento Vault

Magento Vault allows customers to save their credit data information for later use. Once a customer proceeded to checkout, filled up all necessary fields he can be asked if he wants to save credit cards for future purchases. Completing the next order will allow the customer to use already saved credit card not typing it one more time.

Country Specific Credit Card Types

Admin can specify for each country a specific credit card types. For example, you can specify to allow only Visa for Australia.

Secure

Authorize.Net is highly secured with TLS encryption and it means no confidential cardholder data is stored on your server. A customer can pay with a “saved” card that’s not on customer’s server. Our extension support also Accept.js API. Accept.js sends credit card information straight from customer’s browser to Authorize.Net not touching your web server. This action improves website’s security and reduces your PCI compliance exposure.

Expired Authorizations

Authorize.Net supports two-step card payments so you can first authorize a charge, then wait to settle (capture) it later. When a charge is authorized, the funds are guaranteed by the card issuer and the amount held on the customer’s card for up to seven days. If the charge is not captured within seven days, the authorization is canceled and funds released. With the extension, you can charge for invoice total amount as a new transaction. It works only for customers who have stored credit card and have requested funds on their bank account.

Configuration

- **Enable this Solution** – To enable „Authorize.Net Payments“ select “yes”.
- **Title** – Type the title which will be seen on store view.
- **Payment Action** – Select the type of payment action. Authorize.Net supports two-step card payments so you can first authorize a charge, then wait to settle (capture) it later. When a charge is authorized, the funds are guaranteed by the card issuer and the amount held on the customer’s card for up to seven days. If the charge is not captured within this time, the authorization is canceled and funds released. **Authorize** helps you only to authorize an order amount and manually capture it by creating invoice when it’s required. An authorization locks the order amount in the customer’s bank account until the merchant captures it. For example, the transaction can be captured when you ship the products to the customer. **Authorize and Capture** action tells Authorize.Net to capture a transaction at the time of creating order. The transaction will transfer the order amount from the customer’s bank account.


Enable this Solution <small>[website]</small>	Yes
Title <small>[store view]</small>	Credit Card (Authorize.Net CIM)
Payment Action <small>[website]</small>	Authorize
Expired Authorizations <small>[website]</small>	If a customer has a stored card, try to create a new charge <small>Uncaptured authorizations will expire in seven days. What should we do when there is an attempt to capture such authorization?</small>
Test Mode <small>[website]</small>	Yes
API Login ID <small>[website]</small>
Transaction Key <small>[website]</small>

- **Use Tokenization Accept.js** - To enable select "Yes". Recommended for security and PCI compliance. Accept.js sends secure payment data directly to Authorize.Net so the data never comes to your server.
- **Public Client Key** - Type the public client key. To generate and manage public client key visit your account on Authorize.Net.
- **New Order Status** - Select what type of order status should have a new order.
- **Vault Enabled** - Enable the vault if you want to let your customers to save payment cards information on Authorize.Net servers. The customer can use saved cards for future purchases.
- **CVV Verification** - To enable CVV verification select "yes".
- **Credit Card Types** - Select what credit card types are available in the extension.

Use Tokenization Accept.js <small>[website]</small>	Yes
	Recommended for security and PCI compliance. Accept.js is sent secure payment data directly to Authorize.Net, so the data never comes to your server.
Public Client Key <small>[website]</small>
New Order Status <small>[website]</small>	Processing
Vault Enabled <small>[website]</small>	No
	Enable vault if you want to save customer cards on Authorize.Net's servers. These customers can use saved cards for future purchases.
CVV Verification <small>[website]</small>	Yes
	Be sure to Enable AVS and/or CVV in Your Authorize.Net Account in Settings/Processing Section.
Credit Card Types <small>[website]</small>	<div style="border: 1px solid #ccc; padding: 5px;"><p>American Express</p><p>Visa</p><p>MasterCard</p><p>Discover</p><p>JCB</p><p>Diners</p></div>

- **Country Specific Credit Card Types** - This option allows you to specify specific card types for a specific country. For example, screenshot shows us that Greece can use only Visa and MasterCard.
- **Transaction Descriptor** - Type a transaction descriptor.
- **Minimum Order Total** - Specify the minimum order total.
- **Maximum Order Total** - Specify maximum order total.
- **Sort Order** - Specify the sort order.

Country Specific Credit Card Types
[website]

Country	Allowed Credit Card Types	Action
<input type="text" value="Greece"/>	<input type="text" value="American Express"/> <input type="text" value="Visa"/> <input type="text" value="MasterCard"/> <input type="text" value="Discover"/>	
<input type="button" value="Add Rule"/>		

Transaction Descriptor
[store view]

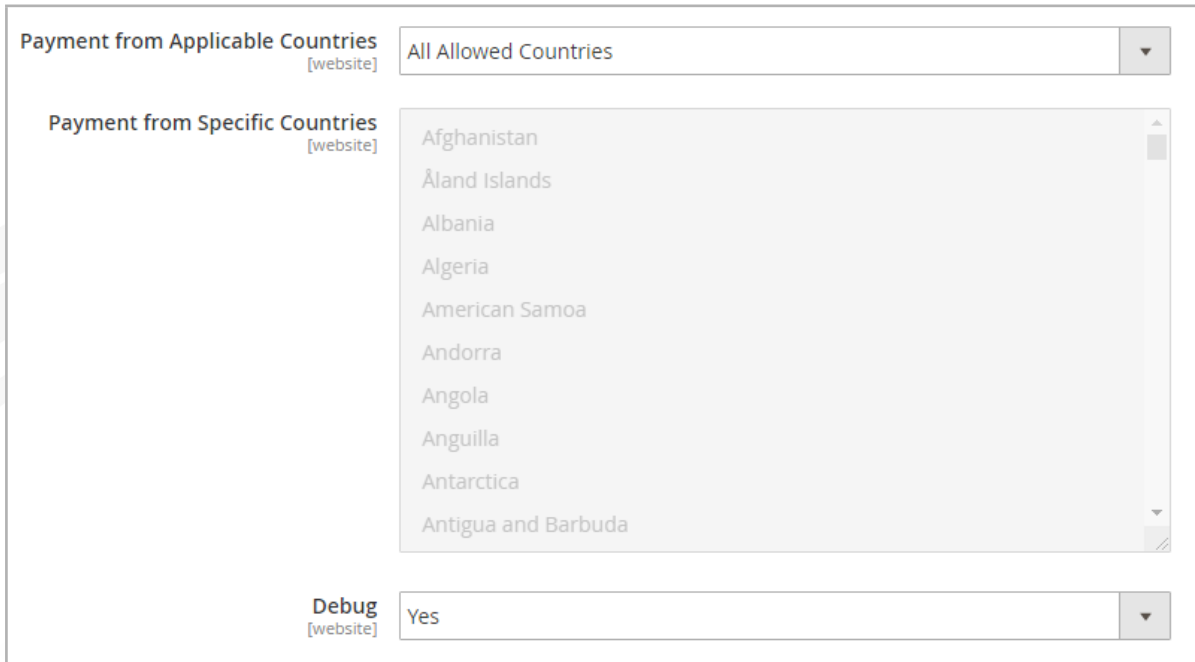
An arbitrary string to be displayed on your customer's credit card statement. This can be up to 22 characters. Use {order_no} as placeholder to include order number.

Minimum Order Total
[website]

Maximum Order Total
[website]

Sort Order
[website]

- **Payment from Applicable Countries** – Specify the countries which are applicable for payment.
- **Payment from Specific Countries** – Select specific countries for payment.
- **Debug** – To enable debug select “yes”.



The screenshot shows a configuration form with three main sections:

- Payment from Applicable Countries** [website]: A dropdown menu currently set to "All Allowed Countries".
- Payment from Specific Countries** [website]: A scrollable list of countries including Afghanistan, Åland Islands, Albania, Algeria, American Samoa, Andorra, Angola, Anguilla, Antarctica, and Antigua and Barbuda.
- Debug** [website]: A dropdown menu currently set to "Yes".

Checkout Payment Form (Frontend)

Go to your store > **Add products to the Cart** > **Proceed to Checkout** > **Fill up the payment form** > click **"Save for later user"** to save the credit data.

Credit Card (Authorize.Net CIM)

My billing and shipping address are the same

Test Test

301, 4205 116 Ave SE

Calgary, Maryland 12345

United States

0907876876



Credit Card Number *

4111111111111111

Expiration Date *

08 - August




2021



Card Verification Number *

478





Save for later use. 

[Terms & conditions](#)

Vault Enabled

To enable **Vault** go to Configuration panel and enable this option > **Create the order** > **while filling up payment fields click "Save for later use" > Place Order**
Next time when the customer places the order he can choose the saved credit card.

Payment Method

-  ending (expires: 8/2021)
-  ending (expires: 7/2021)

Select a new payment method



- Credit Card (Stripe)
- Credit Card (Authorize.Net CIM)

Stored Payment Methods

Stored payment methods section allows the customer to view, delete stored payment methods.

- My Account
- My Orders
- My Downloadable Products
- My Wish List
- Address Book
- Account Information
- Stored Payment Methods**
- Billing Agreements
- My Product Reviews
- Newsletter
- Subscriptions

Stored Payment Methods

Card Number	Expiration Date	Type	
ending	8/2021	 VISA	Delete
ending	7/2021	 MasterCard	Delete

Order Status Page

My Account

My Orders

My Downloadable Products

My Wish List

Address Book

Account Information

Stored Payment Methods

Billing Agreements

My Product Reviews

Newsletter Subscriptions

Order # 000000020 PROCESSING

July 9, 2019

[Reorder](#) [Print Order](#)

Items Ordered

Product Name	SKU	Price	Qty	Subtotal
Overnight Duffle	24-WB07	\$45.00	Ordered: 1	\$45.00
Driven Backpack	24-WB03	\$36.00	Ordered: 1	\$36.00
Endeavor Daytrip Backpack	24-WB06	\$33.00	Ordered: 1	\$33.00
Voyage Yoga Bag	24-WB01	\$22.08	Ordered: 1	\$22.08
Subtotal				\$136.08
Shipping & Handling				\$27.91
Grand Total				\$163.99

Compare Products

You have no items to compare.

Recently Ordered



Checkout Payment Form (Admin Panel)

Stored Payment Methods

The admin form displays the same options as frontend checkout.

Payment & Shipping Information

Payment Method

- Stored Cards (Stripe)
- Credit Card (Stripe)
- Stored Cards (Authorize.Net CIM)
 -  ending (expires: 8/2021)
 -  ending (expires: 7/2021)
- Credit Card (Authorize.Net CIM)
- Check / Money order
- Stored Cards (Braintree)
- Credit Card (Braintree)

Shipping Method *

Canada Post
Tracked Packet – USA - Est. Delivery Jul 17, 2019 - **\$25.29**

[Click to change shipping method](#)

Payment & Shipping Information

Payment Method

- Stored Cards (Stripe)
- Credit Card (Stripe)
- Stored Cards (Authorize.Net CIM)
- Credit Card (Authorize.Net CIM)
 - * Credit Card Type
 - * Credit Card Number
 - * Expiration Date
 - * Card Verification Number

Shipping Method *

Canada Post
Tracked Packet – USA - Est. Delivery Jul 17, 2019 - **\$25.29**

[Click to change shipping method](#)

Order Status Page

Order # 000000021 (The order confirmation email is not sent)

Order Date Jul 9, 2019 9:12:06 AM

Order Status Processing

Purchased From Main Website
Main Website Store
Default Store View

Placed from IP 91.244.56.39

Account Information [Edit Customer](#)

Customer Name [Test Test](#)

Email [yana@pageside.com](mailto: yana@pageside.com)

Customer Group General

Address Information

Billing Address [Edit](#)

Test Test
Mageside
301, 4205 116 Ave SE
Calgary, Maryland, 12345
United States
T: 0907876876

Shipping Address [Edit](#)

Test Test
Mageside
301, 4205 116 Ave SE
Calgary, Maryland, 12345
United States
T: 0907876876

Payment & Shipping Method

Payment Information

Credit Card (Authorize.Net CIM)

Credit Card Type: Visa

Credit Card Number: xxxx-1111

Authorization Response Code: 7K41GD

Shipping & Handling Information

Canada Post - Tracked Packet - USA - Est. Delivery Jul 17, 2019 \$25.29

Invoice Processing

Expired Authorizations

Authorize.Net supports two-step card payments so you can first authorize a charge, then wait to settle (capture) it later. When a charge is authorized, the funds are guaranteed by the card issuer and the amount held on the customer's card for up to seven days. If the charge is not captured within seven days, the authorization is canceled and funds released. With the extension, you can charge for invoice total amount as a new transaction. It works only for customers who have stored credit card and have requested funds on their bank account.

Void/cancel Authorizations

When a payment was authorized and not captured yet, merchants can perform cancellation of the transaction from admin panel so the transaction will be released. To cancel transaction go to **Order > Transactions > Void**

#000000018
demo_stripe_pay...

← Back
Cancel
Send Email
Void
Hold
Invoice
Ship
Reorder
Edit

ORDER VIEW

- Information
- Invoices
- Credit Memos
- Shipments
- Comments History
- Transactions

Search Reset Filter
1 records found
20 per page

ID	Order ID	Transaction ID	Parent Transaction ID	Payment Method	Transaction Type	Closed	Created ↑
6	000000018	40034429928		Credit Card (Authorize.Net CIM)	Authorization	No	Jul 10, 2019 7:49:44 AM



The payment has been voided:

#000000018 demo_stripe_pay...

[← Back](#) [Cancel](#) [Send Email](#) [Hold](#) [Invoice](#) [Ship](#) [Reorder](#) [Edit](#)

✓ The payment has been voided.

ORDER VIEW

- Information
- Invoices
- Credit Memos
- Shipments
- Comments History
- Transactions**

Search [Reset Filter](#) 2 records found 20 per page 1 of 1

ID	Order ID	Transaction ID	Parent Transaction ID	Payment Method	Transaction Type	Closed	Created ↑
7	000000018	40034429928-void	40034429928	Credit Card (Authorize.Net CIM)	Void	Yes	Jul 10, 2019 7:54:09 AM
6	000000018	40034429928		Credit Card (Authorize.Net CIM)	Authorization	Yes	Jul 10, 2019 7:49:44 AM

Void Result on Authorize.Net:

Transaction Detail

[Help](#)

Transaction ID: 40034429928

[Create ARB Subscription from Transaction](#)Transaction Status: **Voided**

Print

Close

Settlement Information

Settlement Amount: 0.00

Settlement Date and Time:

Authorization Information

Authorization Amount: USD 189.78

Submit Date/Time: 10-Jul-2019 00:49:44 PDT

Authorization Code:

Reference Transaction ID: Not Applicable

Transaction Type: Authorization Only

Market Type: eCommerce

Product: Card Not Present

Address Verification Status: Street Address: Match Zip: Matched first 5 digits (Y)

Card Code Status: Not Processed

CAVV Result Code: Not Applicable

Fraud Score Applied: Not Applicable

Recurring Billing Transaction: N

Partial Capture Status: Y

Customer IP: 109.199.118.248

Payment Information

Card Type: Visa

Card Number: XXXX1111

Expiration Date: XXXX

Total Amount: 0.00

Order Information

Invoice #: 000000018

Description: Store Name #000000018

Customer Billing Information

Name: Test Test

Company: Mageside

Address: 301, 4205 116 Ave SE

City: Calgary

State/Province: MD

Zip Code: 12345

Country: US

Phone: 0907876876

Fax:

Email: yana@magaside.com

Refund Processing (Credit Memo)

This extension works with online Credit Memo function which refunds captured transaction amount back to customer's bank account.

Full Refund

To do full refund for the order go to

Orders > Select a necessary Order > Invoices > Select the Invoice > Credit Memo > click "Refund" button

Transaction Detail

[Help](#)

Transaction ID: 40034485939 [Create ARB Subscription from Transaction](#)

Transaction Status: Refund

[Print](#) [Close](#)

Settlement Information

Settlement Amount: USD (157.37)
Settlement Date and Time: 11-Jul-2019 19:40:28 PDT
Business Day: 11-Jul-2019
Batch ID: 9526101

Authorization Information

Authorization Amount: USD (157.37)
Submit Date/Time: 11-Jul-2019 00:57:33 PDT
Authorization Code:
Reference Transaction ID: [40034451765](#)
Transaction Type: Refund
Market Type: eCommerce
Product: Card Not Present
Address Verification Status: AVS Not Applicable (P)
Card Code Status: Not Applicable
CAVV Result Code: Not Applicable
Fraud Score Applied: Not Applicable
Recurring Billing Transaction: N
Partial Capture Status: Not Applicable
Customer IP:

Partially Refund

This option is very helpful when a customer completed an order and you don't have all products in stock so you have to refund part of a payment.

To refund the order partially go to **Orders > Select a necessary order > Invoices > Select the Invoice > Credit Memo > Select what products to refund > click "Refund"**

Or you can go to your **Authorize.Net account > select a necessary transactions > click "Refund" > type the sum to refund**

#000000021
🔍
🔔
👤 mageside_admin ▾

← Back
Send Email
Credit Memo
Hold
Ship
Reorder

ORDER VIEW

Information

Invoices

Credit Memos

Shipments

Comments History

👁️ Default View ▾
⚙️ Columns ▾
📄 Export ▾

Acti... ▾
1 records found

per page

<

of 1
>

<input type="checkbox"/>	Credit Memo	Created	Order	Order Date	Bill-to Name	Status	Refunded	Action
<input type="checkbox"/>	000000002	Jul 12, 2019 8:35:40 AM	000000021	Jul 12, 2019 8:20:40 AM	Test Test	Refunded	\$107.00	View



The result of partially refunding from Authorize.Net

Transaction Detail

[Help](#)

Transaction ID: 40034545127

[Create ARB Subscription from Transaction](#)

Transaction Status: Refund/Pending Settlement

Settlement Information

Settlement Amount: USD (107.00)

Settlement Date and Time:

Authorization Information

Authorization Amount: USD (107.00)

Submit Date/Time: 12-Jul-2019 01:36:21 PDT

Authorization Code:

Reference Transaction ID: [40034451572](#)

Transaction Type: Refund

Market Type: eCommerce

Product: Card Not Present

Address Verification Status: AVS Not Applicable (P)

Card Code Status: Not Applicable

CAVV Result Code: Not Applicable

Fraud Score Applied: Not Applicable

Recurring Billing Transaction: N

Partial Capture Status: Not Applicable

Customer IP:



— WE THRIVE YOUR

FEEDBACK

AND INPUT!

Email: customer@pageside.com

Web: www.pageside.com

Skype: [pageside](https://www.skype.com/page/mageside)

Facebook: www.facebook.com/mageside

Twitter: <https://twitter.com/mageside>

Mageside is a team of developers dedicated to Magento installation, support, extension creation and advanced customization. We are good at doing the heavy lifting, and there is no Magento project that is out of scope on a technical basis.

Mageside does full site conversions, Magento 2 upgrades, advanced extension development, deep systems integration and all the other fun stuff. Our code is incredibly clean, we are on first name basis with several of the core devs, and love every opportunity to create another fine expression of ecommerce. If you need the best, let us work on your next project.