



Windcave

Drupal 8 Shopping Cart Plugin

Version 1.0

Copyright

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Document Revision Information and Amendments

All amendments are to be identified and the manual updated, noting the amendment on this amendment page.

Version	Date	Section	Revision Information	Amended by
0.1	2021/01/12	All	Initial Draft	KH
0.2	2021/01/12	2	Updated Oxipay to Humm	KH
1.0	2021/07/06	All	Release version	KH

Related Documents

Document title	Link/Location

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1 Overview

1.1 Introduction

The Windcave Drupal 8 Plugin supports Drupal Commerce version 2.X. The plugin is built to allow merchants to get their Drupal 8 store setup accepting online payments securely via the Windcave payment gateway.

1.2 Features

The Windcave plugin utilizes a secure Gateway Hosted Payment Page integration method (redirection & iframe) and supports the below transaction types:

- Purchase
- Authorization
- Refund (partial or full refund)
- Complete (full complete)
- Void

Multiple supported Payment Methods:

- Account2Account
- Alipay
- Apple Pay
- Card
- Google Pay
- Interac
- Humm
- PayPal
- Visa Checkout
- Union Pay
- WeChat Pay

Additional features supported by the Windcave plugin:

- 3D Secure v1 & 2 (where supported by acquirer)
- Token creation, storage and re-billing
- Fail Proof Result Notification
- Risk Management
- Address Verification System (AVS)

The below transaction result fields are saved in the merchant's web site for reference:

- Auth Code
- Cvc2 result
- ReCo (response code) and Response text
- AVS Result and Action
- Risk Management Summary and Action

1.3 Requirements

A live or test Windcave account is required to utilize the Windcave Drupal 8 plugin, to setup a new account visit <https://sec.windcave.com/pxmi3/signup>.

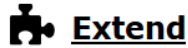
For existing merchants please visit <https://sec.windcave.com/pxmi3/logon> and sign in using your Windcave Payline® credentials. Once signed in select the **User Accounts -> My User** screen, your username and Restful API Key will be displayed on screen.

If you have any questions about supported features please contact the Windcave Sales team at sales@windcave.com.

2 Installation & Configuration

2.1 Installation

1. Download the Windcave Plugin archive file.
2. Log in to your Drupal 8 admin portal using your admin credentials.
3. From the navigation menu at the top of the page, navigate to **Extend**.



4. Select the **Install new module** button.

+ Install new module

5. From the file selection pop up select the commerce_windcave zip file downloaded in step 1).
6. Once installation has completed select **Enable newly added modules** to begin configuration.
7. Type **Windcave** into the search box below the **Install new module** button.

+ Install new module

Windcave

Enter a part of the module name or description

8. The list of modules will now be filtered and only the Windcave module showing, tick the tick box next to the **Commerce Windcave** module and press the Install button in the bottom left of the page.

+ Install new module

Windcave

Enter a part of the module name or description

▼ COMMERCE (CONTRIB)

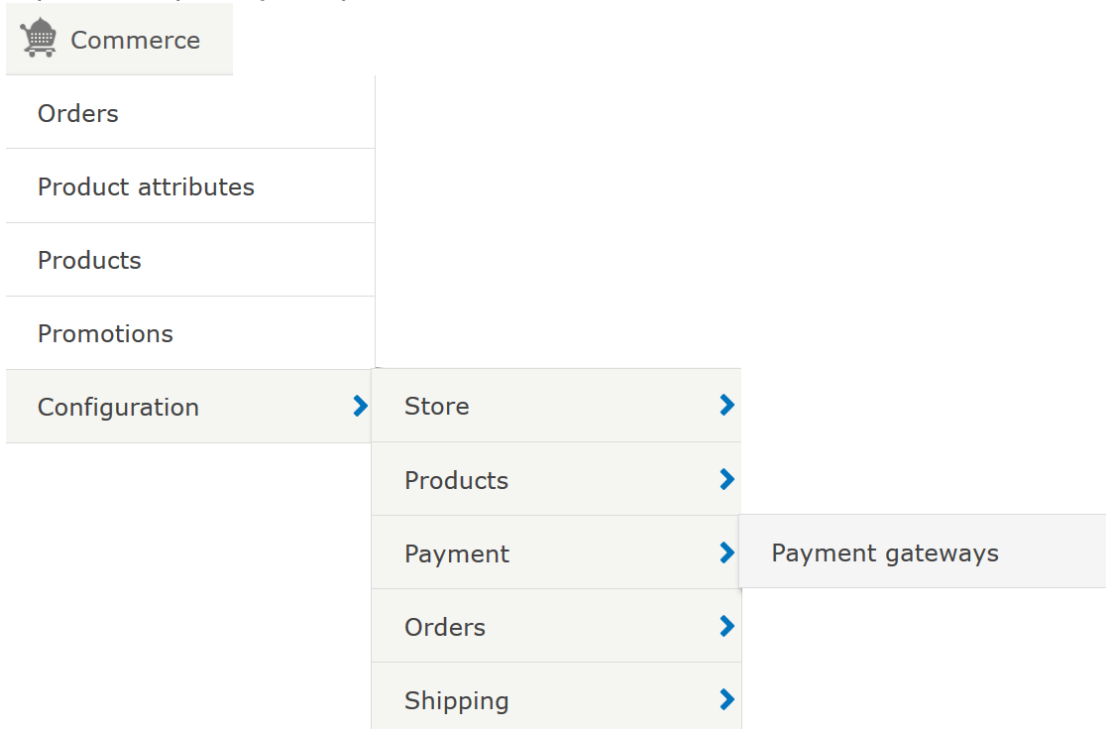
Commerce Windcave ▶ Implements Windcave payment services for use with Drupal Commerce.

Install

9. Proceed to configuration.

2.2 Configuration

1. Log in to your Drupal 8 admin portal using your admin credentials.
2. From the navigation menu at the top of the page, navigate to **Commerce -> Configuration -> Payment -> Payment gateways**.



3. Select the **Add payment gateway** button.



4. Configure your Windcave account settings and preferences:

Name *

Display name for payment gateway configuration.

Plugin *

- Example (Off-site redirect)
- Example (On-site)
- Manual
- Windcave HPP**

Plugin integration type, should be set to Windcave HPP to utilize the Windcave Hosted Payment Page.

Display name *

Shown to customers during checkout.

Name to be displayed to cardholder when selecting payment method.

Mode *

- Test
- Live

Configures the plugin for **Live** or **Test** mode, prior to customers using shopping cart this should be set to **Live**

API url *

The root URL of the Windcave Restful API, this should be set to <https://sec.windcave.com/api/>.

API username *

Windcave Restful API username.

API key *

Windcave Restful API key.

Display as popup *

- Enabled
- Disabled

Sets if payment window should be displayed as iFrame (Enabled) or redirection (Disabled).

Popup height *

Sets height of the popup iFrame payment window.

Popup width *

Sets width of the popup iFrame payment window.

Enable saving cards *

- Enabled
- Disabled

If enabled the card holder will be able to save cards and pay using a saved card.

Payment options *

- Card
- Account 2 Account
- Alipay
- Apple Pay
- Google Pay
- PayPal
- Interac
- Union Pay
- Humm
- Visa Checkout
- WeChat

Allows the merchant to filter enabled payment options on the Hosted Payment Page.

Conditions

Customer Not restricted	<input type="checkbox"/> Customer role
Order Not restricted	<input type="checkbox"/> Customer email
Products Not restricted	<input type="checkbox"/> Billing address

Conditions that control when payment gateway option is made available to customer, by default no restrictions are applied.

Status

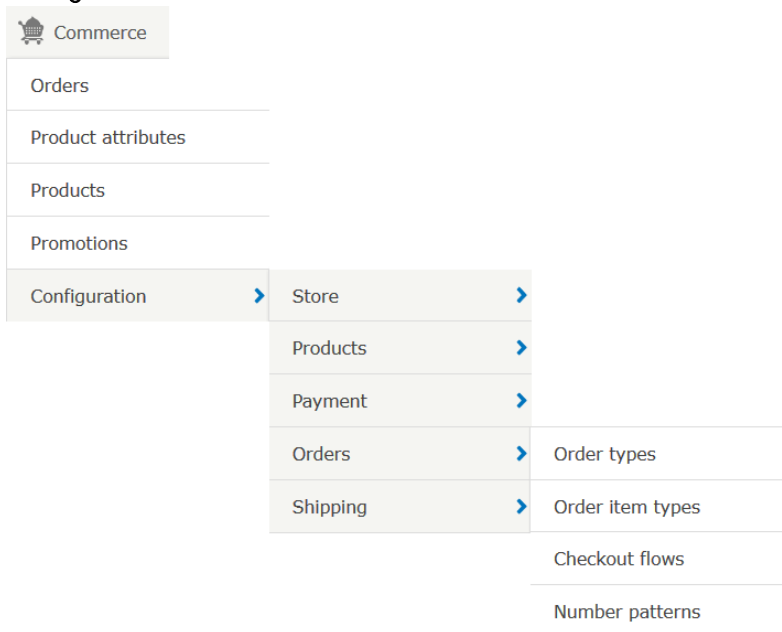
- Disabled
- Enabled

Enables or Disables plugin.

5. Once all settings and preferences have been updated click the **Save** button at the bottom the screen.



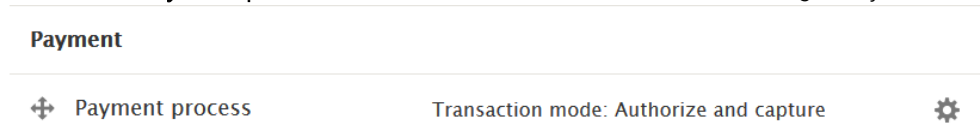
6. To configure the plugin for Purchase or Auth payment types navigate to **Commerce -> Configuration -> Orders -> Checkout flows**.



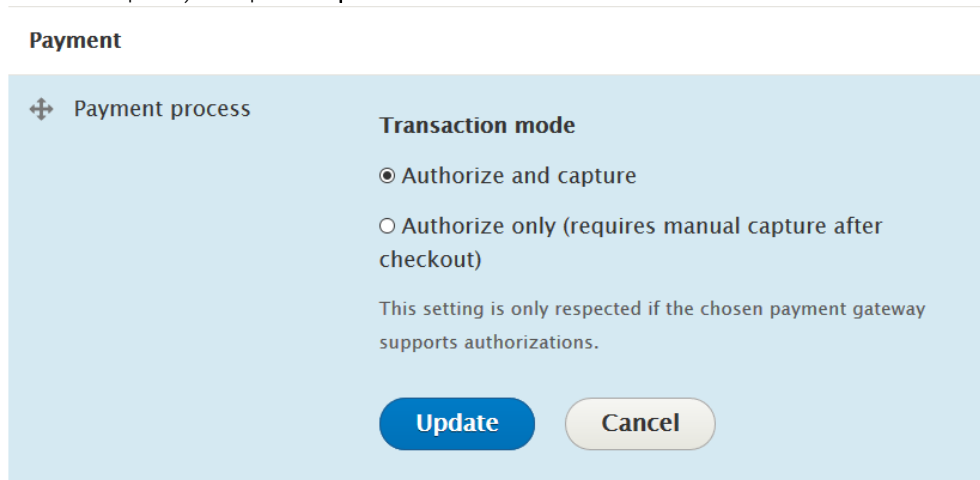
Select **Edit** on the checkout flow.

CHECKOUT FLOW	OPERATIONS
Default	Edit ▼
Shipping	Edit ▼

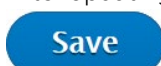
Locate the **Payment process** item in the checkout flow and click the gear symbol.



Select your chosen transaction mode (Authorize and capture = Purchase, Authorize only = Auth/Complete) and press **Update**.



Transaction mode should be configured for all applicable checkout flows.
After updating select the **Save** button at the bottom of the page.



3 Using the Plugin

3.1 Card Holders

Customers can choose to pay using the Windcave plugin once they are at the checkout, depending on the merchant's plugin configuration a "Purchase" or "Authorisation" can be initiated.

Payment information

- Proceed with a saved card
 Proceed without using any saved cards

Select card:

411111.....11 Expiry Date: 07/30

Select an address

123 Test Street


John Smith
123 Test Street
Test
Auckland 1010
New Zealand

 EDIT

CONTINUE TO REVIEW

During checkout if **Enable saving cards** is enabled customers may opt to save the payment card for future payments by checking the "Save card for future purchases" check box, alternatively if the customer already has a saved card these may be selected to process the payment.

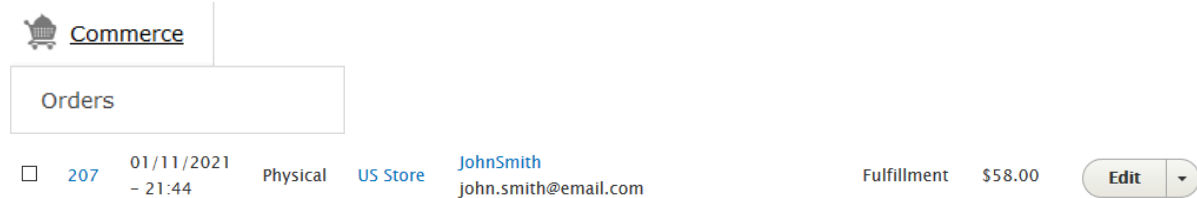
Customers can view or delete saved cards by navigating to **My account -> Windcave Saved Cards** once signed into the merchant website.

View	Payment methods	Pending payments	Windcave saved cards	Edit	Orders
Date	Card number	Expiration	Operations		
01/11/2021 - 22:11	411111.....11	07/30	 DELETE		

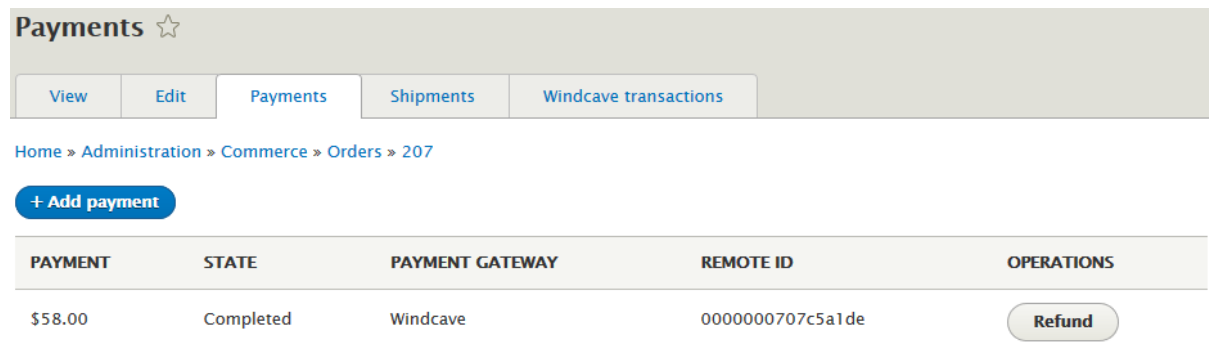
3.2 Merchants

3.2.1 Processing a Refund

From the Drupal 8 admin user merchants can process refunds for orders processed through the Windcave plugin, to do so merchants simply navigate to the **Commerce -> Orders** page and select the order they wish to refund.



Selecting the **Payments** tab in the order will reveal the payment details processed through the Windcave plugin, merchants can then press the **refund** button to start the refund process.



PAYMENT	STATE	PAYMENT GATEWAY	REMOTE ID	OPERATIONS
\$58.00	Completed	Windcave	0000000707c5a1de	Refund

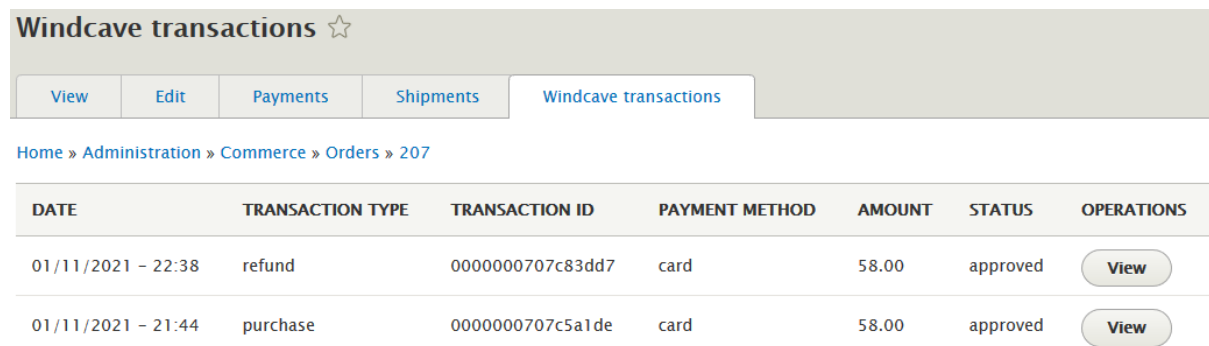
Then enter the amount they would like to refund (this can be a partial refund or full refund; merchants can refund multiple times up to the total transaction amount) and press the **Refund** button.

Amount *

 USD

[Refund](#) [Cancel](#)

The result of the refund transaction will be displayed in the **Windcave transactions** tab of the order.



DATE	TRANSACTION TYPE	TRANSACTION ID	PAYMENT METHOD	AMOUNT	STATUS	OPERATIONS
01/11/2021 - 22:38	refund	0000000707c83dd7	card	58.00	approved	View
01/11/2021 - 21:44	purchase	0000000707c5a1de	card	58.00	approved	View

3.2.2 Completing an Order

From the Drupal 8 admin user merchants can complete orders for Auth type transactions processed through the Windcave plugin, to do so merchants simply navigate to the **Commerce -> Orders** page and select the order they would like to complete.

Orders

<input type="checkbox"/>	209	01/11/2021 - 22:21	Physical	AU store	JohnSmith john.smith@email.com	Fulfillment	A\$12.99	Edit ▼
--------------------------	-----	-----------------------	----------	----------	-----------------------------------	-------------	----------	------------------------

Selecting the **Payments** tab in the order will reveal the payment details processed through the Windcave plugin, merchants can then press the **Capture** button to start the completion process.

Payments ☆

[View](#)
[Edit](#)
[Payments](#)
[Shipments](#)
[Windcave transactions](#)

Home » Administration » Commerce » Orders » 209

[+ Add payment](#)

PAYMENT	STATE	PAYMENT GATEWAY	REMOTE ID	OPERATIONS
A\$12.99	Authorization	Windcave	0000000707c75f2c	Capture ▼

Drupal will prompt the merchant to confirm they would like to complete the transaction.

Are you sure you want to capture the 12.99 AUD payment? ☆

Home » Administration » Commerce » Orders » 209 » Payments

This action cannot be undone.

Capture
Cancel

The result of the complete transaction will be displayed in the **Windcave transactions** tab of the order.

Windcave transactions ☆


[View](#)
[Edit](#)
[Payments](#)
[Shipments](#)
[Windcave transactions](#)

Home » Administration » Commerce » Orders » 209

DATE	TRANSACTION TYPE	TRANSACTION ID	PAYMENT METHOD	AMOUNT	STATUS	OPERATIONS
01/11/2021 - 23:23	complete	0000000707cac562	card	12.99	approved	View
01/11/2021 - 22:21	auth	0000000707c75f2c	card	12.99	approved	View

3.2.3 Processing Voids

From the Drupal 8 admin user merchants can process a void for orders where an Auth type transaction was processed through the Windcave plugin, to do so merchants simply navigate to the **Commerce -> Orders** page and select the order to be voided.

 [Commerce](#)

Orders

<input type="checkbox"/>	210	01/11/2021 - 23:24	Physical	US Store	JohnSmith john.smith@email.com	Fulfillment	\$58.99	Edit ▼
--------------------------	-----	-----------------------	----------	----------	-----------------------------------	-------------	---------	------------------------

Selecting the **Payments** tab in the order will reveal the payment details processed through the Windcave plugin, merchants can then press the **Void** button from the drop-down menu to start the void process.

Payments ☆

[View](#) [Edit](#) [Payments](#) [Shipments](#) [Windcave transactions](#)

[Home](#) » [Administration](#) » [Commerce](#) » [Orders](#) » 210

[+ Add payment](#)

PAYMENT	STATE	PAYMENT GATEWAY	REMOTE ID	OPERATIONS
\$58.99	Authorization	Windcave	0000000707cad52b	Capture Void

Drupal will prompt the merchant to confirm they would like to void the transaction.

Are you sure you want to void the 58.99 USD payment? ☆

[Home](#) » [Administration](#) » [Commerce](#) » [Orders](#) » 210 » [Payments](#)

This action cannot be undone.

[Void](#) [Cancel](#)

The result of the void transaction will be displayed in the **Windcave transactions** tab of the order.

Windcave transactions ☆

[View](#) [Edit](#) [Payments](#) [Shipments](#) [Windcave transactions](#)

[Home](#) » [Administration](#) » [Commerce](#) » [Orders](#) » 210

DATE	TRANSACTION TYPE	TRANSACTION ID	PAYMENT METHOD	AMOUNT	STATUS	OPERATIONS
01/11/2021 - 23:26	void	0000000707caf25f	card	58.99	approved	View
01/11/2021 - 23:24	auth	0000000707cad52b	card	58.99	approved	View

3.2.4 Viewing Transaction Details

Additional transaction response details like CVC Result, Response Code, Response Text, Risk details and Auth code are saved in the merchants' website under the **Windcave transactions** tab of each order.

4 FAQ

4.1 Pricing and Fees

Question: What fees are associated with the gateway?

Answer: Please see [Windcave pricing](#) for further details.

4.2 Account Eligibility

Question: What currencies and countries does the payment gateway support?

Answer: The Windcave integration supports the below countries and currencies:

Countries: Australia, New Zealand, United Kingdom, United States, Canada, Singapore and Hong Kong

Currencies: AED, AUD, CAD, CHF, CNY, EUR, FJD, GBP, HKD, HRK, IDR, ISK, JPY, KRW, MYR, NOK, NZD, PGK, PHP, PLN, RUB, SEK, SGD, THB, TWD, USD, VUV, WST, XPF, ZAR

Please note available currencies may vary depending acquirer.

Question: What items are restricted for merchants to sell?

Answer: Restricted or Prohibited goods are determined by the merchant's acquirer. Please get in contact with the Windcave sales team if you are not sure if you are eligible for a merchant account.

4.3 Transactions

Question: After I create an account, what is the waiting period before I can process transactions?

Answer: On boarding times vary depending on the merchant's acquirer settling your transactions however generally this process can take between 3-5 business days.

Question: How long until the funds are transferred to my bank?

Answer: Settlement is typically T+1 but this may vary depending on merchant's acquirer and their configuration.

Question: Will I or my customers receive an additional email or invoice from the payment gateway?

Answer: By default, no additional email is sent to customers from the Payment Gateway. However, this is a feature that can be enabled.

4.4 Refunds

Question: How soon after a transaction can I perform a refund?

Answer: Merchants can process a refund immediately after the customer has successfully processed their payment.

Question: Is there an amount of time after which I cannot perform a refund?

Answer: Merchants can perform refunds at any time pending the card used by the customer remains valid.

Question: Are there any fees for chargebacks/refunds?

Answer: Fees may vary depending on the merchant's acquirer, to discuss further please contact the Windcave sales team.

4.5 Additional Features

Question: Are there any fraud filtering options available?

Answer: Yes, merchants have access to Windcave's Risk Management engine and CVC result checking. For further information and available configurations please contact the Windcave Sales team.

4.6 Troubleshooting and Payment Disputes

Question: Why did my shopper receive an error when trying to pay?

Answer: If the error response received is not clear merchants should contact the Windcave support team to request further information.

Question: How are payment disputes handled?

Answer: Merchants encountering disputes with their payments should contact their merchant acquirer for further assistance.

Question: How do I contact Windcave Support?

Answer: Below are the Windcave support team contacts:

Email: support@windcave.com

Phone: Please see our [Contact](#) page for a phone number in/near your region.