



Magento V2 – Build and Configuration

ClearAccept Ltd

Version 6.0

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Confidential

ClearAccept Ltd

Registered Company No. 12334838

clearaccept.com

107 Cheapside, London, EC2V 6DN

Future-proof your payments™

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CONTENTS

- 1.1 Manual Build/Deployment3
- 1.2 Auto Build/Deployment.....3
- 1.3 Configuration3
- 1.4 Compatibility3
- 1.5 Structure3

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Version	Date	Author	Changes
1.0	June 2023	Yasmine Aslam	Initial Draft
2.0	July 2023	Yasmine Aslam	Auto Install instructions added
3.0	Nov 2023	Yasmine Aslam	Details of V1.2.1 of Magento V2 plugin. Now has support for Apple Pay in addition to Amex, Mastercard and Visa
4.0	Mar 2024	Yasmine Aslam	Bug fix for error when importing plugin
5.0	Sept 2024	Yasmine Aslam	Clarification of in scope payment features
6.0	April 2025	Yasmine Aslam	Upgrade and service of the plugin.

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1.1 MANUAL BUILD/DEPLOYMENT

The plug in can be deployed by uploading the folder “ClearAccept” from within the zip file to the app/code under the Magento root folder. Details of the file can be found in section 1.2 of this document.

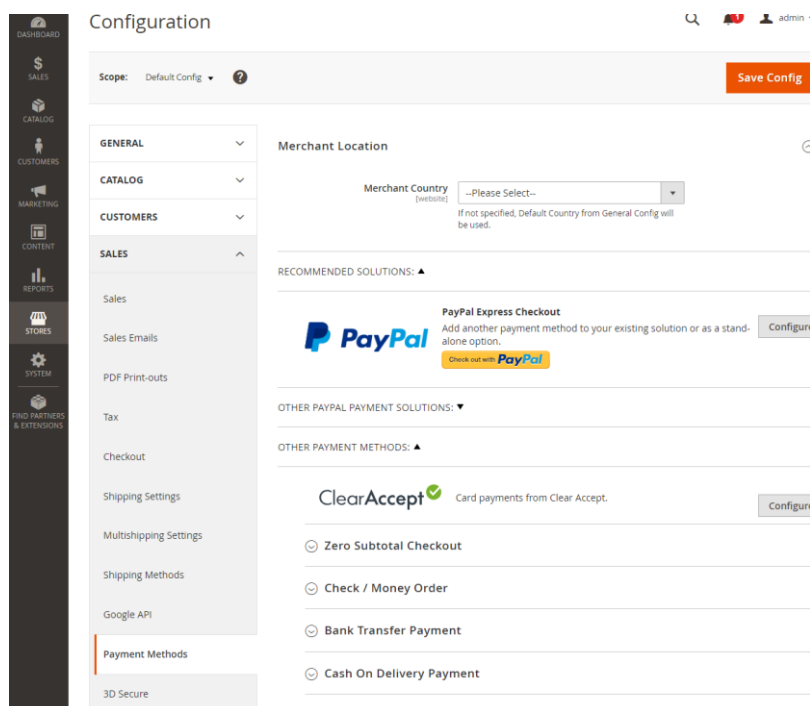
1.2 AUTO BUILD/DEPLOYMENT

Details of the auto build process can be found here:

https://dev.azure.com/ClearAccept/ClearAccept%20Public/_git/magento-plugin?version=GBmaster

1.3 CONFIGURATION

The plug in is configured via the plugin management UI accessed via the Stores -> Configuration -> Sales -> Payment Methods. Then selecting “ClearAccept” and clicking Configure



1.4 COMPATIBILITY

The plug in is compatible with the Magento v2.4.6 running on PHP 8.2

1.5 IN SCOPE PAYMENT FEATURES

- Configuration of ClearAccept credentials within Plugin
 - o Merchant and Merchant Account IDs that identify Merchant within ClearAccept
 - o Platform IDs that identify Platform within ClearAccept
- Integration to ClearAccept Hosted Fields for:
 - o Payments – single step auth and capture
 - o 3D Secure\Customer authentication (already built into Hosted Fields - no additional work from a plugin perspective)

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- Save a card with a payment
- Pay with a saved card (hosted field for CVV)
- Support for Apple Pay
- Two step payment processing i.e. Customer pays on shipping or fulfilment. Note: the default behaviour within the plugin is set to Capture the payment on order
- Refund via Woo back office
- Process GBP and EUR transactions
- Ability to retrieve Payment data on demand to populate a confirmation page or as recovery mechanism eg if customer does not complete checkout
- Ability to send Woo transaction ID to ClearAccept Gateway and save ClearAccept Gateway transaction ID with Woo for reconciliation purposes
- Basic configurability of Hosted Field UI within Plugin. Vanilla UI by default.
- The plugin will use default content and configuration when sending emails to the consumer and the website owner.

1.6 OUT OF SCOPE FEATURES

The following features are currently not supported by the plugin:

- Merchant Initiated Transactions
- Recurring transactions

1.7 STRUCTURE

All of the code for the plug in is under the folder ClearAccept\Payments.

The folder ClearAccept\Payments\api contains all of the code to connect to ClearAccept.

It is important to maintain the folder names as they are used by Magento's dependency injection to correctly locate the plugin based on its name space.

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1.8 APPENDIX

1. **Debug Error Fixes:** Multiple debugging issues were resolved across the codebase (PRs #6526-6532), improving the stability of the payment processing.
2. **Credentials Management:**
 - Enhanced validation of payment credentials (PRs #6512, #6513)
 - Improved error handling by hiding warnings when credentials are invalid (PRs #6522, #6523)
 - UI enhancement to hide payment methods when credentials are incorrect (PR #6511)
3. **Payment Processing:**
 - Added support for various payment actions including Authorise (#115586) and Capture (#115587)
 - Improved handling of declined transactions (#115595, #115446)
 - Fixed AMEX Card payments for guest users
4. **Hosted Fields Improvements:**
 - Major refactoring of hosted fields functionality (PRs #6611-6616, #6622)
 - Updated integration with the latest version of Hosted Fields JS (#128753)
5. **Apple Pay Integration:**
 - Upgraded Apple Pay library to the latest version for improved compatibility and performance
 - Enhanced support for Apple Pay transactions
6. **Security Enhancements:**
 - Fixed Content Security Policy (CSP) issues (PR #6631)
 - Addressed code quality issues identified by SonarQube (PRs #6514, #6518)
7. **PHP 8.2 Compatibility:**
 - Full support for PHP 8.2
 - Removed usage of dynamic properties
 - Updated type declarations
 - Revised error handling approach

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