Test Live Checkout - User Manual

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Abstract

This user manual describes the process of configuring and utilizing Test Live Checkout, a Magento extension that allows an authenticated user to submit test orders on live Magento storefronts.

Contents

1 Introduction

1.1 Background

Automated browser testing is an emerging paradigm that is helping both companies and individuals deliver higher quality, more reliable websites and web applications. By simulating the behaviors of a real user, an automated browser test can reliably detect and report any abnormalities in the context of a web browser that would likely affect an end user.

1.2 Description

Test Live Checkout is a Magento extension that allows an automated browser test to complete the sales transaction pipeline. Simply put, it allows an authenticated user, such as an automated browser test, to submit an order in the same fashion as a real user. As such, it can potentially help uncover problems like:

1. Authentication issues with the payment gateway

2. Invalid and/or malformed browser cookies

3. UI bugs that are difficult, tedious, and time-consuming to discover

2 Configuration

2.1 Fields

2.1.1 General Settings

Enable Test Live Checkout: Enable the extension. This must be enabled to process test orders.

Authentication Token: Alphanumeric token used to authenticate a test order. [1]

Redirect URL: URL to 302 redirect to after a successful test order. [2]

2.1.2 Log Settings

Enable Logging: Enable transaction logging. By default, transaction logging is disabled.

Figure 1: Configuration Settings

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[1] The token must be at least 32 characters.
[2] The URL must belong to the same second-level domain as the Magento storefront.

2.2 Payment Gateways

The following gateways are currently supported:

- Authorize.net

- Braintree

! → **Please Note**: Braintree Payments With Hosted Fields is required to use Test Live Checkout with Braintree.

3 Usage

3.1 Authentication

To make test order authentication both simple and secure, Test Live Checkout requires an additional `<input>` element to be submitted with the payment `<form>` data.

```html
<form action id="co-payment-form">
  ...
  <input name="tlc_auth_token" type="hidden" value="TLC_AUTH_TOKEN">
</form>
```

The additional `<input>` element requires the following attributes:

- `name="tlc_auth_token"`

- `value="TLC_AUTH_TOKEN"`, where `TLC_AUTH_TOKEN` is the authentication token.

Below is a basic JavaScript example that assembles and appends the required `<input>` element to the payment `<form>` element on the checkout page.

```javascript
(function ($) {
  // Replace TLC_AUTH_TOKEN with the authentication token.
  var token = 'TLC_AUTH_TOKEN';
  var input = document.createElement('input');
  var form = $('form#co-payment-form')[0];

  if (!form) {
    console.log('Could not find form#co-payment-form.');

    return;
  }

  $(input).attr('name', 'tlc_auth_token');
  $(input).attr('type', 'hidden');
  $(input).attr('value', token);

  $(form).append(input);
}).call(this, jQuery);
```
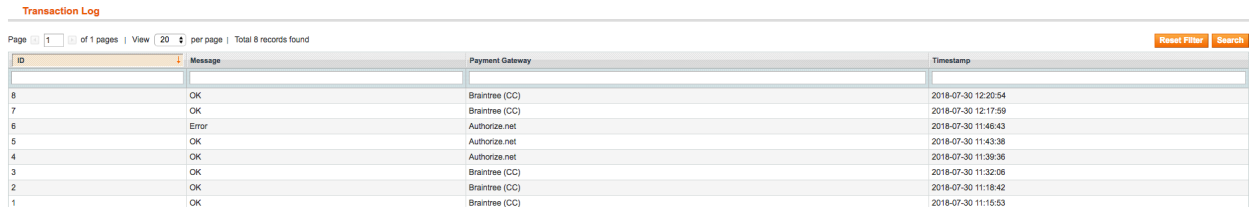
3.2   Transaction Log

During an authenticated transaction, Test Live Checkout will record certain fields from the order, such as response code, payment gateway name, and timestamp, which can be helpful when monitoring and debugging transactions.

The Transaction Log is located at **System → Tools → Test Live Checkout - Log**.

Transaction Log

Page 1 of 1 pages | View 20 per page | Total 8 records found

ID	Message	Payment Gateway	Timestamp
8	OK	Braintree (CC)	2018-07-30 12:20:54
7	OK	Braintree (CC)	2018-07-30 12:17:59
6	Error	Authorize.net	2018-07-30 11:46:43
5	OK	Authorize.net	2018-07-30 11:43:38
4	OK	Authorize.net	2018-07-30 11:39:36
3	OK	Braintree (CC)	2018-07-30 11:32:06
2	OK	Braintree (CC)	2018-07-30 11:18:42
1	OK	Braintree (CC)	2018-07-30 11:15:53

Figure 2: Transaction Log

To view details of a particular transaction, select the transaction from the list.

Transaction Details

ID: 8

Status: 1

Message: OK

Payment Gateway: Braintree (CC)

Timestamp: 2018-07-30 12:20:54

Back to Transaction Log

Figure 3: Transaction Details

3.3   Examples

For a comprehensive list of examples, visit the Test Live Checkout wiki.

4 Feedback

4.1 Contact

To get in touch, send an email to **nickolasburr@gmail.com** with the subject line **Test Live Checkout Magento 1.x - Customer Inquiry**.

Please allow 48 hours for an inquiry response.

4.2 Reviews

If you find Test Live Checkout to be valuable to your business, please consider reviewing the extension on Magento Marketplace.