

Overview

You receive real-time notifications any time a charge changes state. The format of the notification is in JSON and is the same as the *Get Transaction* API return.

Setup the Notification URL

There are two ways to specify the notification URL for a transaction.

1. Setup the global notification in your merchant account
2. Send in the notification URL when calling the API to create the transaction

If you want to set up the notification URL in your merchant account, please contact your account manager.

The notification URL via API has higher priority than the then on in your merchant account. That is, if you pass in the notification URL via the API, the notification is sent to it instead of the URL you have set via your merchant account.

Validate the Notification

- Retrieve the content of the callback
- Calculate the signature by calculating an HMAC hash on the content and your notification key using sha256 encoding
- Retrieve the **X-callback-signature** header
- Compare the signature with your calculated signature

Here is an example in PHP,

```
$input = file_get_contents('php://input');
$signature = hash_hmac('sha256',$input,$notificationKey);
$headers = apache_request_headers();
if (strcasecmp($signature, $headers['X-callback-signature']) == 0 )
{
    // Process the notification here
}
```

Notification Resent

After successfully processing the notification, please return HTTP status 200 to PayAmigo. Whenever PayAmigo sends a notification to you, if you do not respond with a 200 OK, then it assumes that you did not receive it and the notification is placed in a queue. It will be resent to you periodically over the next 3 days until you either respond with a 200, or the time limit expires.