

USPS Address Verification

Extension Summary

The USPS Address Verification extension verifies visitor billing and shipping addresses seamlessly in the background during the checkout process.

This extension works by calling the USPS Web Tools Address Information API, and passes in the visitor's street address input. The API then passes back the corrected/verified street address information, with (if applicable) corrected street address, city, state, and zip code (with +4 code). This information is dynamically updated in the background, so the user does not even have to select/choose which address to use -- it always uses the standardized address. It will also process pre-saved addresses during customer checkout. This module is non-evasive, and does not change any template or layout files in Magento.

Prerequisites

To use this extension, you must apply to use USPS Web Tools at <https://www.usps.com/business/webtools-address-information.htm>

Be sure to only check **"U.S. Postal Service® package shipments"** and **"U.S. Postal Service letters"** when requesting access to the Address Information API's. After signing up, you should receive a confirmation message from USPS containing your API Key and any other necessary information.

Confirmation of USPS API Setup

Before using this extension, you must confirm that the USPS Web Tools API has been successfully setup. A very simple testing, account priming and confirmation webpage was created at <http://uspsav.com/test/>.

Go to <http://uspsav.com/test/>
Enter your API Key
Select Testing url, and Submit

The response will tell you if your account has been successfully setup by USPS. After the test calls have been completed, you must call the USPS Internet Customer Care Center to switch your account to production access. Their information can be found on your initial API account setup email. Their hours and contact info at the time this document was created is as follows:

- E-mail address: usps technicalsupport@mailps.custhelp.com
- Telephone: **1-800-344-7779**
- Customer Support Hours:
 - Monday through Friday from 8:00 a.m. to 8:30 p.m. Eastern Time
 - Saturdays from 8:00 a.m. to 6:00 p.m. Eastern Time
 - Sunday and Postal Holidays - Closed except for the following Holidays: Martin Luther King; President's Day; Columbus Day; & Veterans's Day with hours from 9:00 a.m. to 6:00 p.m. ET.

Installation

The simplest method of installation for this extension is from the command line tools. Copy the extension tgz file into the root of your Magento installation (assuming ~/html/), then run these commands, replacing `extension-file-X.X.X.tgz` with the filename of the extension file:

```
cd ~/html/  
chmod a+x mage  
./mage mage-setup .  
./mage install-file extension-file-X.X.X.tgz  
rm -rf /var/cache/ var/full_page_cache/
```

Configuration

The USPS Address Verification extension was designed for simplicity, and therefore has very minimal admin configuration. You can access the

configuration options by logging into the Administration console in Magento, and going to **System > Configuration > Sales (heading) > Checkout**.

Expand the **USPS Address Verification** section.

- Set Enabled to Yes

- Set USPS URL to the production server: <http://production.shippingapis.com/ShippingAPI.dll>

- Set the USPS Account Number

- Click Save

- Clear the cache at System > Cache Mangement > Flush Cache Storage, then click OK

Your Magento website should now be successfully connecting to the USPS API and correcting customer addresses!