Stamps.com Web Services API – Integration Process

How To Get Started

When you are ready to begin integrating please send an e-mail to swsim-setup@stamps.com with the following information:

Contact Name:
Company Name:
Address:
Email:
Phone Number:
IP Address(es):
Stamps.com Contact (if applicable):

We will need the IP Address(es) from which your development team will be accessing the development environment of our API as this cannot be accessed without whitelisting (this is not a requirement for the production environment). If you are having trouble identifying your external IP address, please see the section below "Find the External IP."

Once access for your IP address(es) is set up you will be informed by our integration support team. An account and Integration ID will be created for you in our development environment at which point you should be able to begin development. This process of providing access to our development servers and creating an account and Integration ID should take two to three business days from when we receive your information. Once you have received your account and Integration ID, to verify that you have access to our development environment, please read to the section below titled "Test Connectivity."

Support During Integration/Development
We expect you will find our SWS-IM API both robust and well-documented. The reference guide provides detailed samples of code to assist you. Normal support for SWS-IM API integrations is provided by our Technical Support staff.   They are experienced in supporting this API and will provide appropriate information or clarification.   If you have any technical questions regarding the API not addressed by the reference documentation, please send an email to developersupport@stamps.com.

We trust you will find integrating via our SWS-IM API to be a well defined and straightforward process.

Thank You,
The Stamps.com Developer Program Team

Find the external IP

In order to access the Stamps.Com SWSIM test environment, the external IP address of the host must be properly identified and placed in our firewall. To find out the external IP address, do the following from the host that will be connecting to the SWSIM test environment:

Windows:

Go to http://www.whatismyip.com from a browser. The IP address will be shown at the top of the page.

Linux:

Run the following command from a shell prompt:

curl -s http://www.ip-adress.com/ | grep 'My IP a' | grep -o "\([0-9]\{1,3\}\.\)\{4\}"*

Test connectivity

Once we have received the IP address and opened up access, connectivity may be tested with a simple telnet session to the SSL port. The command for both Windows and Linux are identical, however the output will be different.

Windows:

Open a command prompt (Start -> Run -> cmd) and type in the following:

telnet swsim.testing.stamps.com 443

A successful connection should take you to a blank window where typing will move the cursor, but nothing will be echoed onto the screen.

An unsuccessful connection will display the following:

Connecting To swsim.testing.stamps.com...Could not open connection to the host, on port 443: Connect failed

Linux:

Successful output:

 # telnet swsim.testing.stamps.com 443
Trying 216.52.211.193...
Connected to swsim.testing.stamps.com (216.52.211.193).
Escape character is '^]'.

Unsuccessful output:

 # telnet swsim.testing.stamps.com 4433
Trying 216.52.211.193...
telnet: connect to address 216.52.211.193: Connection timed out
telnet: Unable to connect to remote host: Connection timed out