



PayZang Payment Processor Installation Instructions

Prerequisites:

This version of PayZang Payment Processor has been developed and tested for the following configuration:

Linux version - Ubuntu 12.04.2
Apache webserver version - 2.2.22
MySQL version - 5.5.31

Drupal version - 7.22
CiviCRM version - 4.2.9
PHP version - 5.3.25

NOTE: PayZang is working with CiviCRM core team to get it integrated with the core versions. However, PayZang currently supports integration with the version of Civi/Drupal tested above.

Install Requirements:

1. Server root access, or member of sudoers group.
2. Installed copy of CiviCRM 4.2.x (**This version of PayZang integration has been tested with CiviCRM 4.2.9 ONLY**)
3. Apache user and group information (to set proper ownership/permissions of files)
4. MySQL user and password with write access.
5. Name of MySQL CiviCRM database (FOR EXAMPLE - civicrm)

PayZang Payment Processor Sandbox Account Information:

Merchant ID: ***Existing Card accounts are supported from First Data, Global, TSYS, Elavon and Vantiv. Sandbox credentials provided after account signing.***

Password: ***Existing Card accounts are supported from First Data, Global, TSYS, Elavon and Vantiv. Sandbox credentials provided after account signing.***

API URL: ***Existing Card accounts are supported from First Data, Global, TSYS, Elavon and Vantiv. Sandbox credentials provided after account signing.***

Installation Instructions

1. Download installation package and unzip into any directory
2. In a Linux shell, check file permission on install.sh
 - a. Check to ensure that you have execute permission on install.sh by running the “ls -lh install.sh” command. It should return -rw-rw-r-x
 - b. If the execute permission is not there, then it should return something like -rw-rw-r--
 - c. To add execute permission, run “chmod o+x install.sh”
 - d. Now run the “ls -lh install.sh” command to check again. The appropriate execute privileges should be there.
3. In a Linux shell, execute install.sh as root (i.e. sudo ./install.sh) from the unzipped directory.
4. When prompted provide path to your SiteRoot (i.e. /var/www/<civicrm_dir> [this is your SiteRoot], also known as the DocumentRoot) (FOR EXAMPLE- /var/www/civi)
 - a. If you are unsure about this location, you can check your apache vhosts file or httpd.conf if you have not configured vhosts.
 - b. Files will be written to this directory
5. When prompted for Apache user name, enter the user name that the Apache process runs as on the server. (FOR EXAMPLE – daemon)
6. When prompted for Apache group name, enter the group name that the Apache process runs as on the server. (FOR EXAMPLE – daemon)
7. When prompted for the MySQL CiviCRM database name, enter the CiviCRM database name. (FOR EXAMPLE – civicrm)
8. When prompted for the MySQL user name, enter a user name with write permission to Insert and Delete records, as well as Alter existing tables (root is suggested.) (FOR EXAMPLE – root)
9. When prompted for CiviCRM database password, enter the database password. (FOR EXAMPLE – dbpassword)
10. Upon completion of the install.sh script, log into the CiviCRM admin interface via web browser. Click tab “Administer” in CiviCRM Admin Dashboard and navigate to System Settings -> Directories
11. Set the values for Custom Templates, Custom PHP Path Directory, and CiviCRM Extensions Directory to:

If you need to change permission on the civi folder:

Use command to navigate to `/var/www/civi/sites/default/files/civicrm`

`“sudo chown -R daemon:daemon *”`

Default values will be supplied for these upload directories the first time you access CiviCRM - based on the CIVICRM_TEMPLATE_COMPILEDIR specified in `civicrm.settings.php`. If you need to modify the defaults, make sure that your web server has write access to the directories.

Temporary Files
File system path where temporary CiviCRM files - such as import data files - are uploaded.

Images
File system path where image files are uploaded. Currently, this path is used for images associated with premiums (CiviContribute thank-you gifts).

Custom Files
Path where documents and images which are attachments to contact records are stored (e.g. contact photos, resumes, contracts, etc.). These attachments are defined using 'file' type custom fields.

Custom Templates
Path where site specific templates are stored if any. This directory is searched first if set. Custom JavaScript code can be added to templates by creating files named `templateFile.extra.tpl`. ([learn more...](#))
CiviCase configuration files can also be stored in this custom path. ([learn more...](#))

Custom PHP Path Directory
Path where site specific PHP code files are stored if any. This directory is searched first if set.

CiviCRM Extensions Directory
Path where CiviCRM extensions are stored.

- Custom Templates: `<SiteRoot>/sites/default/files/civicrm/custom/templates/`
*****!!include trailing slash!!****
AND REMOVE ANY SPACES AFTER SLASH
- Custom PHP Path Directory: `<SiteRoot>/sites/default/files/civicrm/custom/php/`
*****!!include trailing slash!!****
AND REMOVE ANY SPACES AFTER SLASH
- CiviCRM Extensions Directory: `<SiteRoot>/sites/default/files/civicrm/custom_ext/`
*****!!include trailing slash!!****
AND REMOVE ANY SPACES AFTER SLASH

12. Click Save.

Default values will be supplied for these upload directories the first time you access CiviCRM - based on the CIVICRM_TEMPLATE_COMPILEDIR specified in civicrm.settings.php. If you need to modify the defaults, make sure that your web server has write access to the directories.

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Custom PHP Path Directory
Path where site specific PHP code files are stored if any. This directory is searched first if set.

CiviCRM Extensions Directory
Path where CiviCRM extensions are stored.

13. Click tab “Administer” in CiviCRM Admin Dashboard and navigate to “System Settings” and then click on “Resource URLs”

In the “Extension Resource URL” field, Enter:

`http://<SITE_URL>/sites/default/files/civicrm/custom_ext/`

Settings - Resource URLs



i Your Extensions Directory (/var/www/civi/sites/default/files/civicrm/custom_ext/) does not have a matching Extensions Resource URL. Please go to the [URL setting page](#) and correct it.
Your Extensions Directory (/var/www/civi/sites/default/files/civicrm/custom_ext/) does not have a matching Extensions Resource URL. Please go to the [URL setting page](#) and correct it.

These settings define the URLs used to access CiviCRM resources (CSS files, Javascript files, images, etc.). Default values will be inserted the first time you access CiviCRM - based on the CIVICRM_UF_BASEURL specified in your installation's settings file (civicrm.settings.php).







CiviCRM Resource URL 

Image Upload URL 

Custom CiviCRM CSS URL 

Extension Resource URL 

Force Secure URLs (SSL) ☐ Yes ☒ No 

Verify SSL Certs ☒ Yes ☐ No 

14. Click tab “Administer” in CiviCRM Admin Dashboard and navigate to System Settings -> Option Groups
 - a. Scroll down to Recurring Frequency Units
 - b. Click Options on the row
 - c. Edit the “title” AND “value” for units “week”, “month”, and “year” to be “weekly”, “monthly”, and “yearly”
 - d. Create 4 additional units with the “title” AND “value” set to “bi-weekly”, “bi-monthly”, “quarterly”, and “semiannually”

Recurring Frequency Units - Option Values



The existing option choices for this option group are listed below. You can add, edit or delete them from this screen.

◆ Title	◆ Value	◆ Description	▲ Weight	◆ Default	◆ Reserved?	◆ Enabled?	
day	day		1		Yes	Yes	Edit
weekly	weekly		2		Yes	Yes	Edit
monthly	monthly		3		Yes	Yes	Edit
yearly	yearly		4		Yes	Yes	Edit
bi-weekly	bi-weekly		5		No	Yes	Edit Disable Delete
bi-monthly	bi-monthly		6		No	Yes	Edit Disable Delete
quarterly	quarterly		7		No	Yes	Edit Disable Delete
semiannually	semiannually		8		No	Yes	Edit Disable Delete

[+ Add Option Value](#)

15. Enable the PayZang Payment Processor module in Drupal by going to the Drupal Home Page and clicking Modules in the top Navigation bar.
 - a. Scroll down to the CIVICRM section and Enable the new PayZang Payment Processor and click on “Save Configuration” button.
16. Enable the PayZang Payment Processor in CiviCRM by going to “Administer” and click on “System Settings” and then click on “Manage Extensions”.
 - a. Scroll down to “PayZangPayments” extension and click on the “install link” as shown below.

CiviCRM Extensions



[Refresh](#)

CiviCRM extensions allow you to install additional features for your site. This page will automatically list the available "native" extensions from the [CiviCRM.org extensions directory](#) which are compatible with this version of CiviCRM. If you install Custom Searches, Reports or Payment Processor extensions - these will automatically be available on the corresponding menus and screens. You may also want to check the [extensions directory](#) for native Drupal modules that may be useful for you (CMS-specific modules are not listed here).

◆ Extension name (key)	◆ Status	◆ Version	◆ Enabled?	◆ Type	
► PayZangPayments (com.payzang.payment.pzpayments)	Local only	1.0	Yes	Payment	Install

The next screen shows the details of the “PayZangPayments” extension. Click the “install” button again.

CiviCRM Extensions



Install Extension

i Installing this extension will provide you with new functionality. Please make sure that the extension you're installing comes from a trusted source. Do you want to continue?

Name (key)	PayZangPayments (com.payzang.payment.pzpayments)
Description	PayZang Payment Processor
Download location	
Local path	/var/www/civi/sites/default/files/civicrm/custom_ext/com.payzang.payment.pzpayments/
Documentation	
Licensing	
Main Extension Page	
Support	
Author	Dharmendra Kumar (kumar@payzang.com)
Version	1.0
Released on	2013-04-24
License	AGPL
Development stage	stable
Compatible with	4.2.9
Comments	

The final screen shows the install payment extension.

CiviCRM Extensions

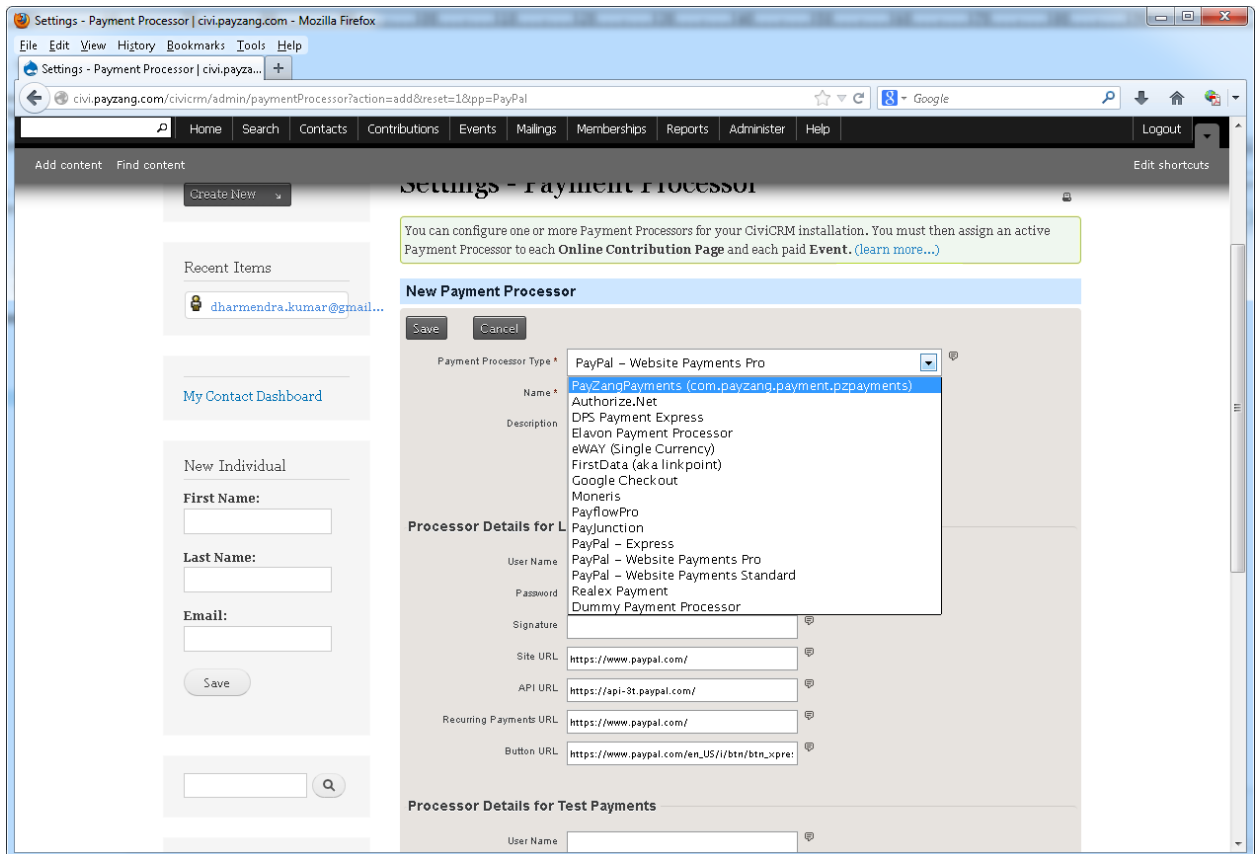


i Extension has been enabled.

CiviCRM extensions allow you to install additional features for your site. This page will automatically list the available "native" extensions from the [CiviCRM.org extensions directory](#) which are compatible with this version of CiviCRM. If you install Custom Searches, Reports or Payment Processor extensions - these will automatically be available on the corresponding menus and screens. You may also want to check the [extensions directory](#) for native Drupal modules that may be useful for you (CMS-specific modules are not listed here).

Extension name (key)	Status	Version	Enabled?	Type	
PayZangPayments (com.payzang.payment.pzpayments)	Installed	1.0	Yes	Payment	Disable

17. Go back to CiviCRM and activate the **PayZang Payment Processor** module in CiviCRM by going to Administer > System Settings > Payment Processors and clicking '+ Add Payment Processor'
 - a. In the Payment Type dropdown choose 'PayZangPayments' as the payment processor



Settings - Payment Processor | civi.payzang.com - Mozilla Firefox

Settings - Payment Processor | civi.payza... +

civi.payzang.com/civicrm/admin/paymentProcessor?action=add&reset=1&pp=PayPal

Home Search Contacts Contributions Events Mailings Memberships Reports Administer Help Logout

Add content Find content

Create New

Recent Items

dharmendra.kumar@gmail...

My Contact Dashboard

New Individual

First Name:

Last Name:

Email:

Save

Settings - Payment Processor

You can configure one or more Payment Processors for your CiviCRM installation. You must then assign an active Payment Processor to each [Online Contribution Page](#) and each paid [Event](#). ([learn more...](#))

New Payment Processor

Save Cancel

Payment Processor Type * PayPal - Website Payments Pro

Name * PayZangPayments (com.payzang.payment.pzpayments)

Description Authorize.Net
DPS Payment Express
Elavon Payment Processor
eWAY (Single Currency)
FirstData (aka linkpoint)
Google Checkout
Moneris
PayflowPro
Payjunction
PayPal - Express
PayPal - Website Payments Pro
PayPal - Website Payments Standard
Realex Payment
Dummy Payment Processor

Processor Details for Live Payments

User Name PayPal - Website Payments Pro

Password PayPal - Website Payments Standard

Signature

Site URL https://www.paypal.com/

API URL https://api-3t.paypal.com/

Recurring Payments URL https://www.paypal.com/

Button URL https://www.paypal.com/en_US/i/btn/btn_xpre:

Processor Details for Test Payments

User Name

- b. In the Name field write "PayZang"
 - c. In the Description field write "PayZang payment processor"
 - d. fill in your test and/or live account settings
18. Enable the PayZang Payment Processor at Administer >System Settings > Payment Processors
19. Add the payment type "ACH" as a payment instruments option by going to Administer->CiviContribute->Payment Instruments
 - a. enter "ACH" for the label
 - b. hit 'save'