

RentalPoint Stripe for Online Payments

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What is Stripe?

Stripe is an online 3rd party software package that allows you to send **Pay Online** links to your clients. Your clients can use this link to pay with Visa, MasterCard or American Express. Payments

made by your clients are automatically sent to your Stripe account.

Using Stripe in RentalPoint

Stripe must be configured before it can be used in Rentalpoint and is supported from Rentalpoint v11.1.5 upwards. Please see detailed instructions in section two of this document for “Configuring Stripe Integration”.

Once Stripe is configured, you can use Rentalpoint to send **Pay Online** links to your clients.

After invoicing a booking, you can send a **Pay Online** link via an email or within a custom RTF invoice.

1. For an .rtf template the **&STRIPELC&** can be added to have the link appear in the document itself.

Sample document extract:

Follow the link to pay this invoice using Stripe! **&STRIPELC&**

(the insert field above will be replaced with the configured link when the invoice is generated)

An email to your client may look something like this, note the **{PAYONLINE}** link:

RP RentalPoint Email Send

From: CC To Self

To:

Subject:

Standard Text:

Signature:

SMTP Host: Port:

Hello Customer,

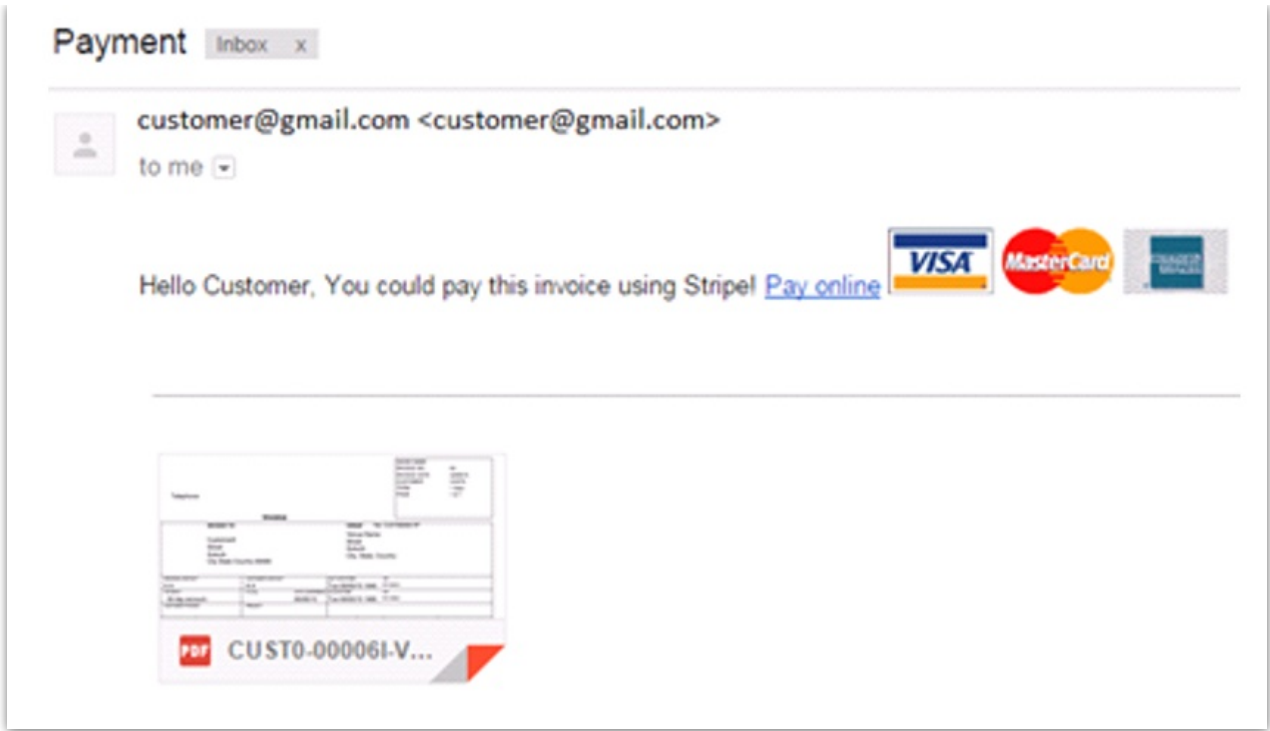
You could pay this invoice using Stripe!

{PAYONLINE} ▼ insert field

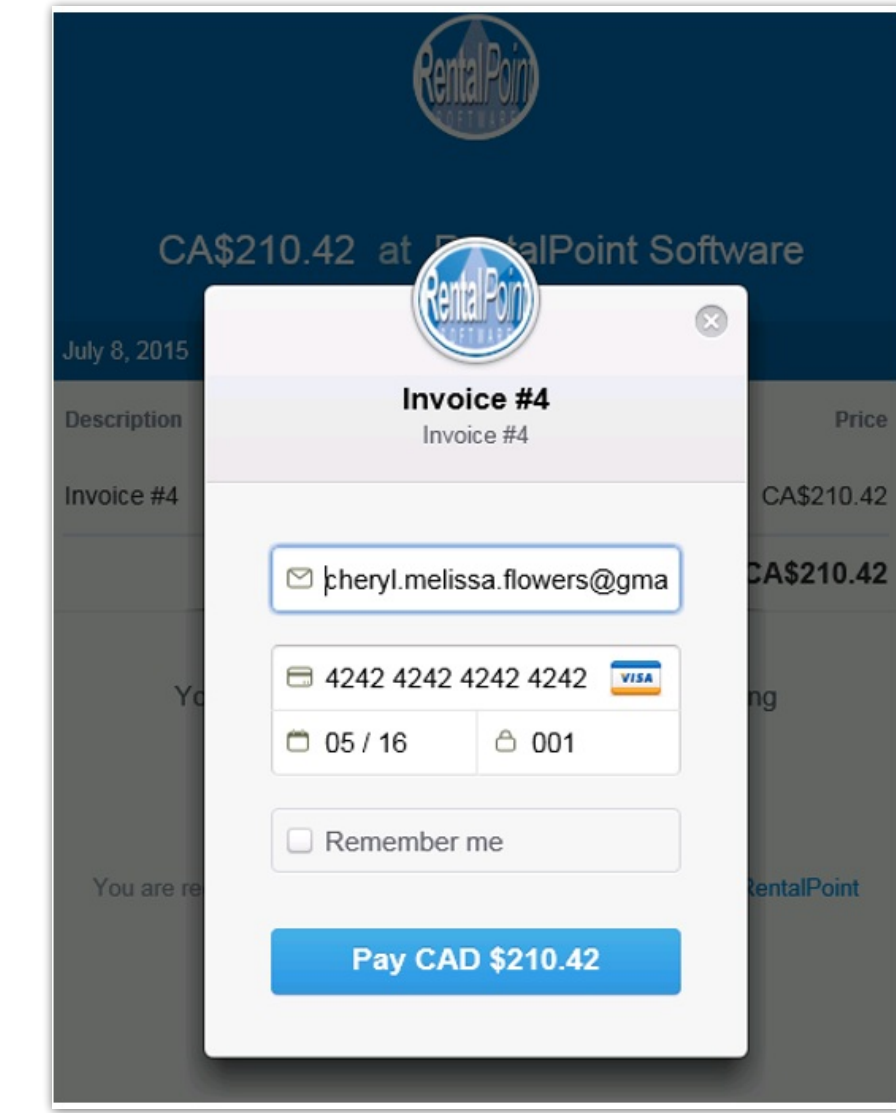
Attached Files

Email Send Progress...

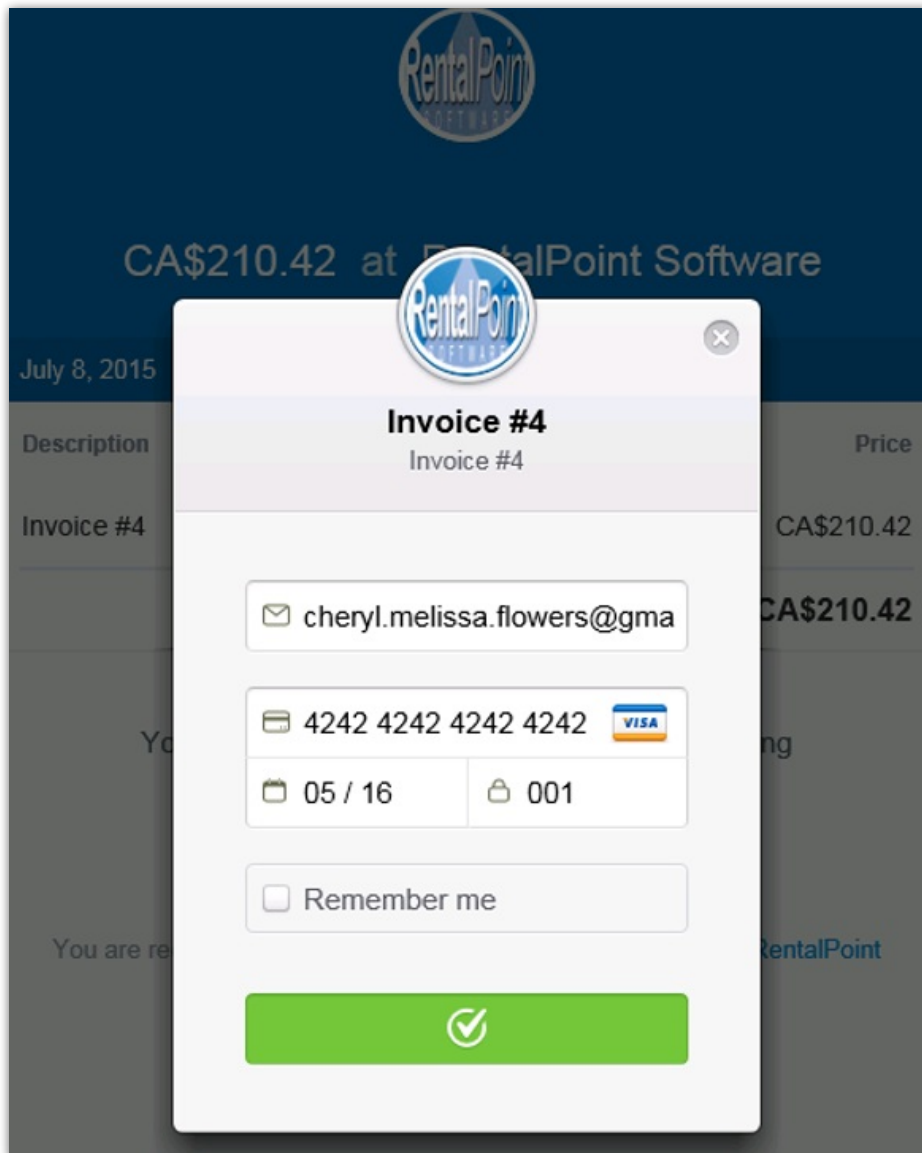
Sample recipient email



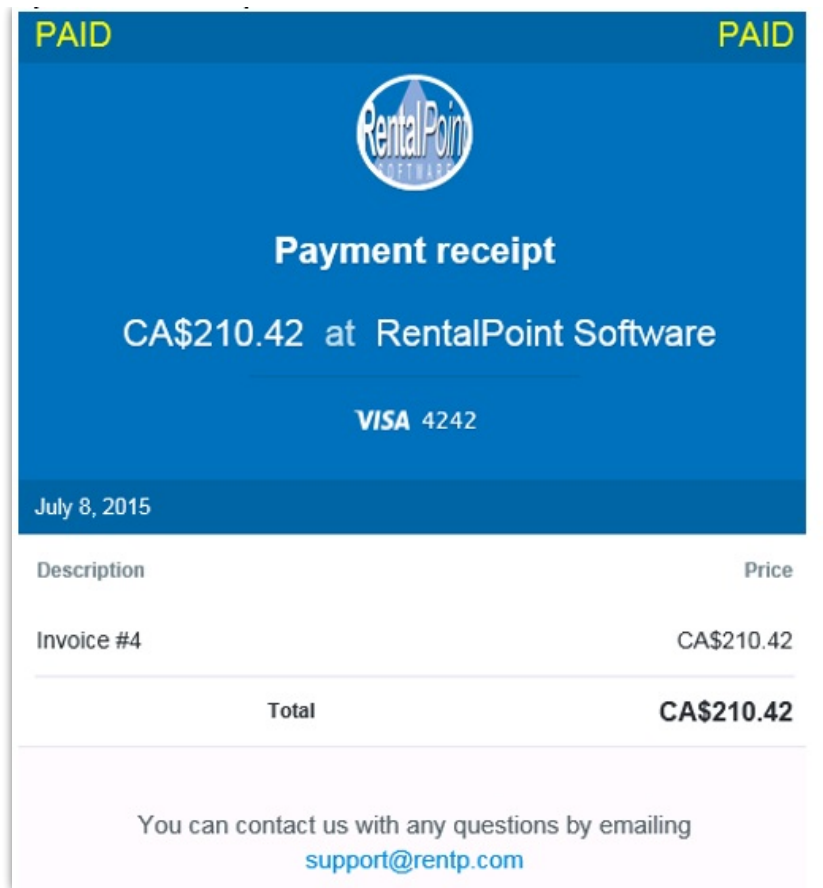
On clicking the link to pay the invoice, enter payment information:



On clicking **Pay CAD \$210.42** a brief confirmation will be displayed



and a payment receipt will be emailed to the address used



Payments made by clients via Stripe are automatically recorded in the RentalPoint Customer record

Tag	Invoice #	Date	Seq	Amount	Type	Amount Credited	Credit Date	Outstanding	Cheque/Card #	Pay Type
	5	06/25/15	00006	\$84.91	Invoice			\$84.91		
	4	07/08/15	00001	\$210.42	Invoice			\$0.00		
		07/08/15	00001	\$210.42	Payment					

RentalPoint Cloud Hosted Setup

For RentalPoint Cloud clients:

- If you don't already have one, [Create a Stripe Account](#)
- Then simply set Accounts Parameter #23 to use the RP3 Stripe option along with the other settings
 - If you don't know your RP3 url needed for the server name, please email support@rentp.com requesting the link.
 - For multi location users, if you have separate Stripe accounts for each location, check 'use separate Stripe Accounts for Locations', then goto setup-->locations and enter Stripe keys under the Accounting tab for each location.
 -

RP Stripe Settings

Enter the details for the Stripe account.

Use Stripe Use RP3 Stripe option

Use Separate Stripe Accounts for Locations

Stripe Parameters

Server Name including http/https:

https://web.rentalpointsoftware.com:49999/rp3/StripeSCA/

Stripe Public Key

pk_test_51K6ynaDCoHPshlwZc7wPEzFUdNC9Va5weoCfK9TDr4rECz

Stripe Secret Key

sk_test_*****

Stripe Support Email

mandy@rentp.com

OK Cancel

RentalPoint Local Installation Setup

When RentalPoint is locally install on your company server, PHP is used to communicate with Stripe. Therefore, Stripe Integration must first be configured before it can be used in RentalPoint. There are three main areas to configure, with each area detailed below:

Stripe Configuration on Ubuntu Server

Some users choose to have an Ubuntu server running apache2 with PHP 7.4 (or greater) to host the Stripe Integration front end for the customer

```
login as: cadet
cadet@192.168.21.30's password:
Welcome to Ubuntu 20.04.2 LTS (GNU/Linux 5.4.0-72-generic x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:       https://ubuntu.com/advantage

System information as of Fri 07 May 2021 01:35:44 PM UTC

System load:  0.0          Processes:    211
Usage of /:   31.5% of 19.56GB Users logged in: 1
Memory usage: 7%          IPv4 address for ens160: 192.168.21.30
Swap usage:  0%
```

To configure this setup:

- First set up ODBC, SQL 2012 is acceptable: [Installing MS ODBC driver for SQL Server](#)
- Then install drivers for PHP 7.4: [Installing MS Drivers for PHP on Linux](#)
- Next, create a simple php file:

```
<?php  
phpinfo();  
?>
```

When you open this file under your browser, you can see all relevant PHP information

```
PDO  
  
PDO support => enabled  
PDO drivers => sqlsrv  
  
pdo_sqlsrv  
  
pdo_sqlsrv support => enabled  
ExtensionVer => 5.9.0  
  
Directive => Local Value => Master Value  
pdo_sqlsrv.client_buffer_max_kb_size => 10240 => 10240  
pdo_sqlsrv.log_severity => 0 => 0  
pdo_sqlsrv.report_additional_errors => 1 => 1  
pdo_sqlsrv.set_locale_info => 2 => 2  
  
Phar
```

PHP Extensions should be all green if enabled correctly

The screenshot shows a web browser window with the URL `payonline.ddns.net/inst.php?idx=1`. The page is titled "Stripe Settings" and "PHP Information". It contains two main sections: "Folders" and "PHP Extensions".

#	Name	Value
1	WWW root	/var/www/payonline
2	PHP ini	/etc/php/7.4/fpm/php.ini

Under "PHP Extensions", there are six green buttons, each with a checked checkbox and a label: `openssl`, `curl`, `pdo_sqlsrv`, `sqlsrv`, `intl`, and `gettext`. At the bottom, there is a green button labeled "Back to Stripe Settings".

Company Settings URL should match your ddns

The screenshot shows a web browser window with the URL `Payonline.ddns.net/inst.php` highlighted in a red box. The page is titled "Stripe Settings" and "Company Settings". It contains a table with three rows, each with a form field for a value.

#	Name	Value
1	Company Name	Waterloo Business Solutions
2	Company URL	Payonline.ddns.net
3	Company Email	support@rentp.com

A red arrow points from the red box around the browser's address bar to the "Company URL" field in the table.

See troubleshooting section for resolution to specific errors when testing Stripe

Stripe Configuration on Windows Server

Server Configuration involves downloading and installing some files that Stripe requires, then configuring the server roles and IIS.

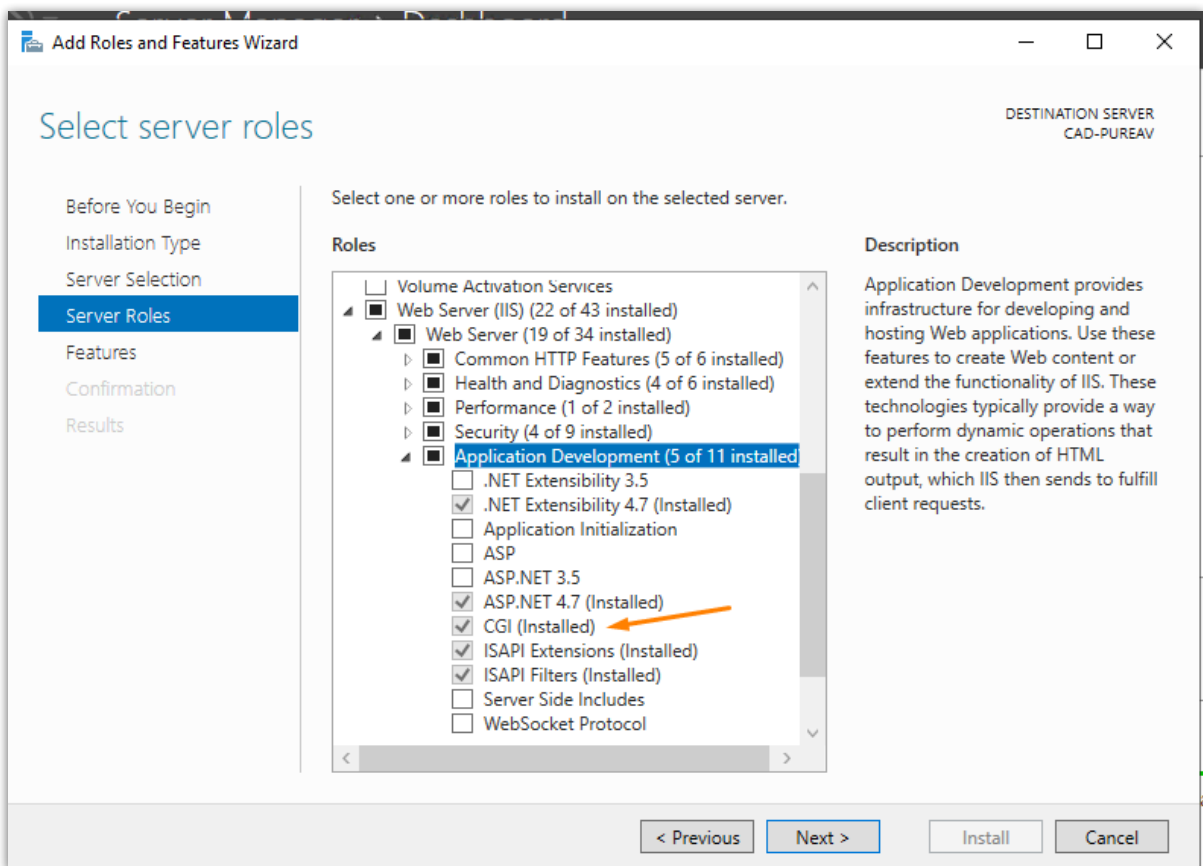
1.1 Download and Install Required Files

First check your SQL Version - use 'Select @@version' in SQL Server Management Studio

- For this example SQL Version is 15.0.21017 SQL Server 2019

Then find the PHP driver for SQL Server 2019

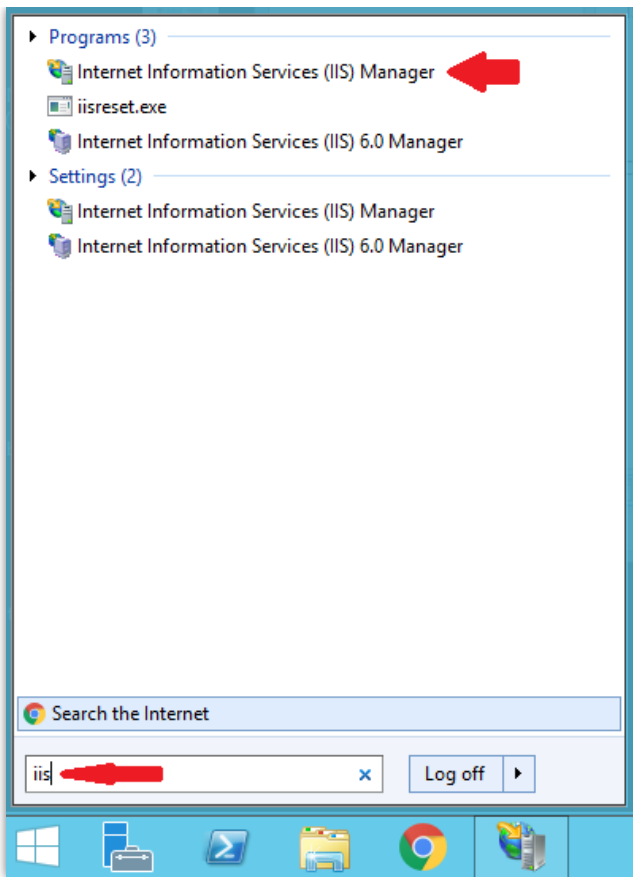
- <https://learn.microsoft.com/en-us/sql/connect/php/microsoft-php-driver-for-sql-server?view=sql-server-ver16>
- Download PHP 8.2 (NTS version) – download <https://windows.php.net/download#php-8.2https://windows.php.net/downloads/releases/php-8.2.5-nts-Win32-vs16-x64.zip>
- Copy PHP files to C:\Program Files\PHP_82
- Add CGI to IIS in Server Manager



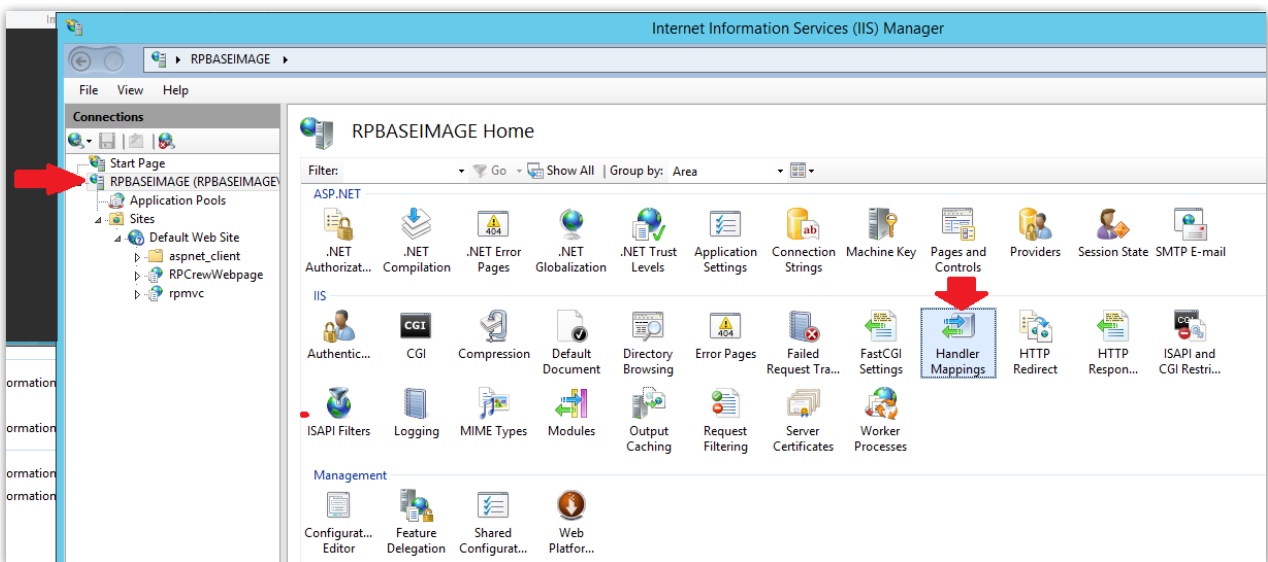
After you've completed this step, restart your server if it didn't restart automatically.

1.2 Configure IIS CGI Handler Mappings

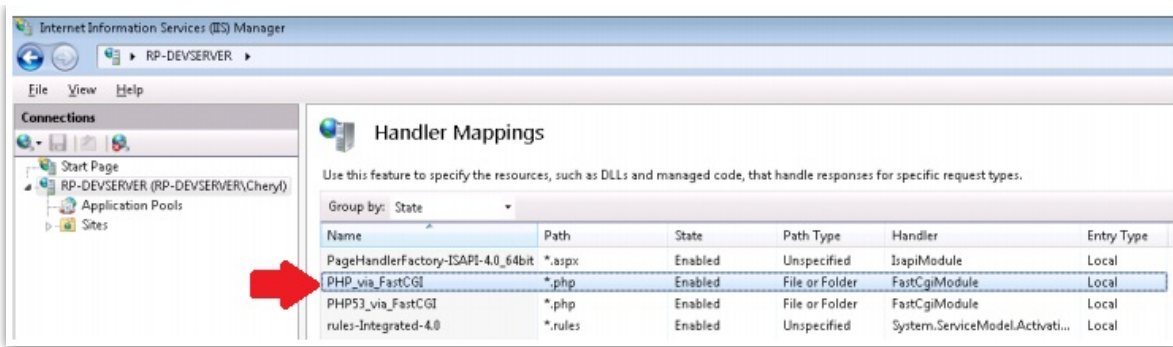
Launch the Internet Information Services (IIS) Manager



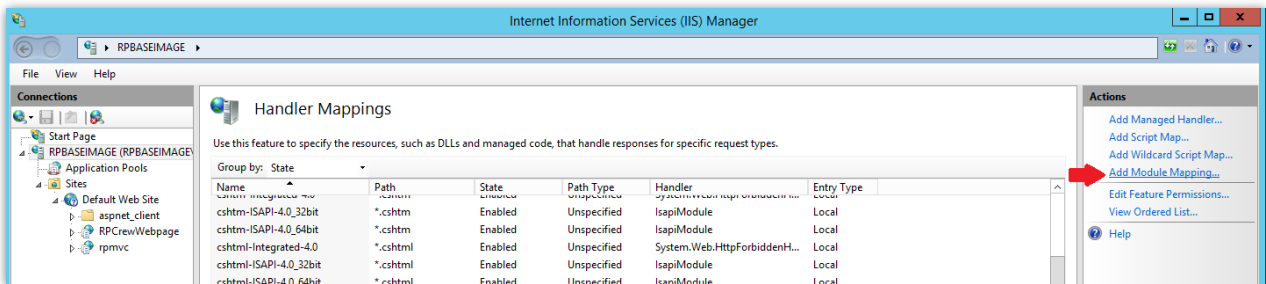
In the IIS Manager locate your server name in the left hand Connections pane and click it. The right pane will refresh with the available features for your sever. Locate the Handler Mappings feature and double click to launch it.



In the Handler Mapping list, search for PHP_via_FastCGI. (Don't worry if it doesn't exist, we've included instructions on how to add it.)



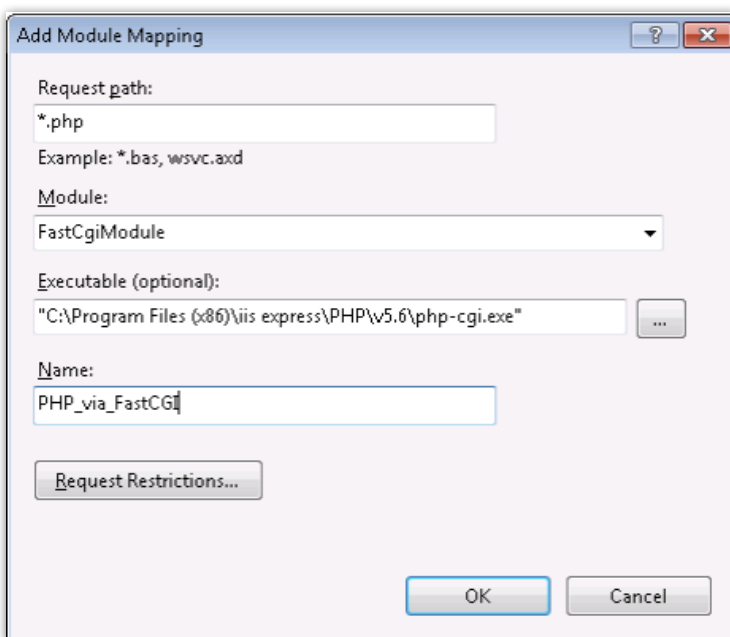
If the PHP_via_FastCGI module mapping doesn't exist, navigate to the Actions pane on the right hand side, click Add Module Mapping...



and enter the following information...

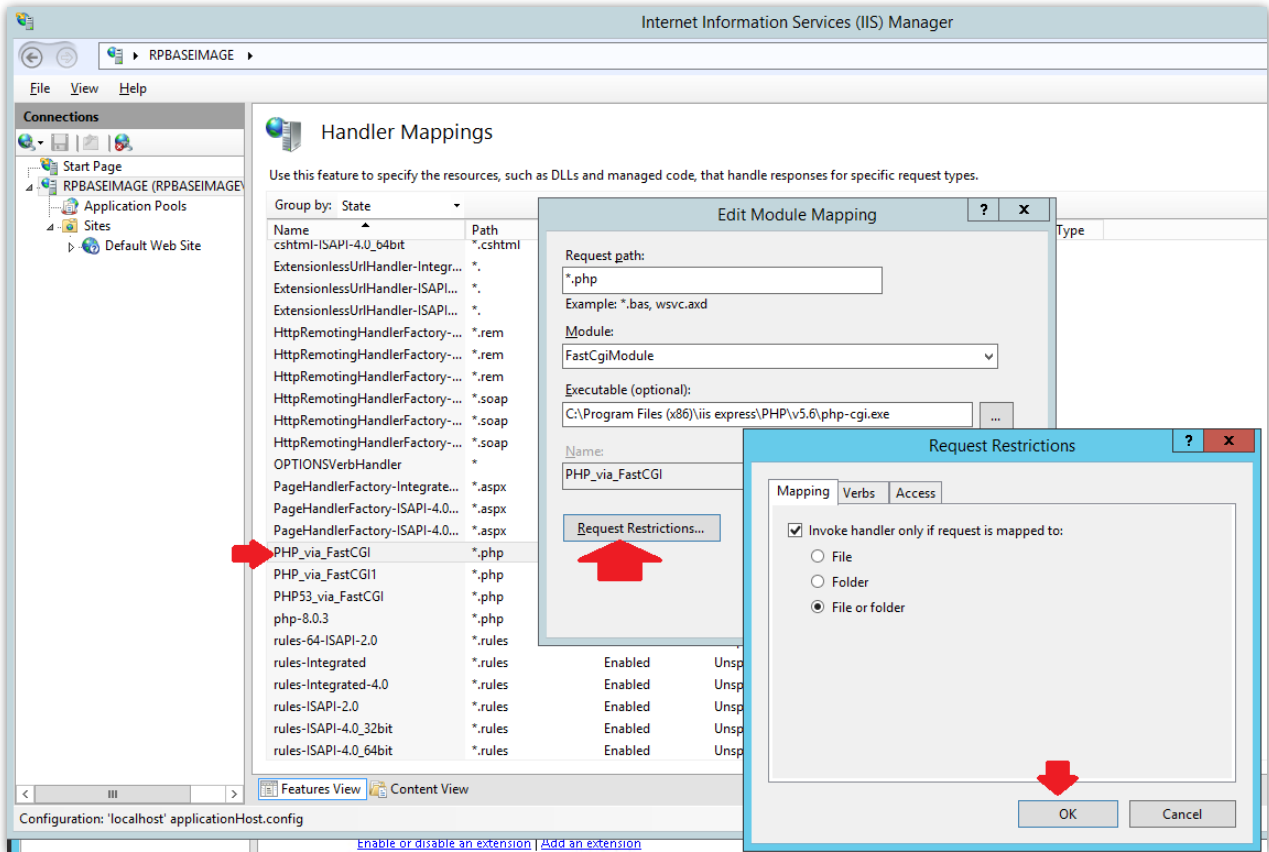
For older versions - the default PHP folder is located in C:\Program Files (x86)\iis express\PHP\v5.6, however this may differ from your installation. You can use any version of PHP - provided that you select the appropriate path and executable.

Click OK to save your changes.



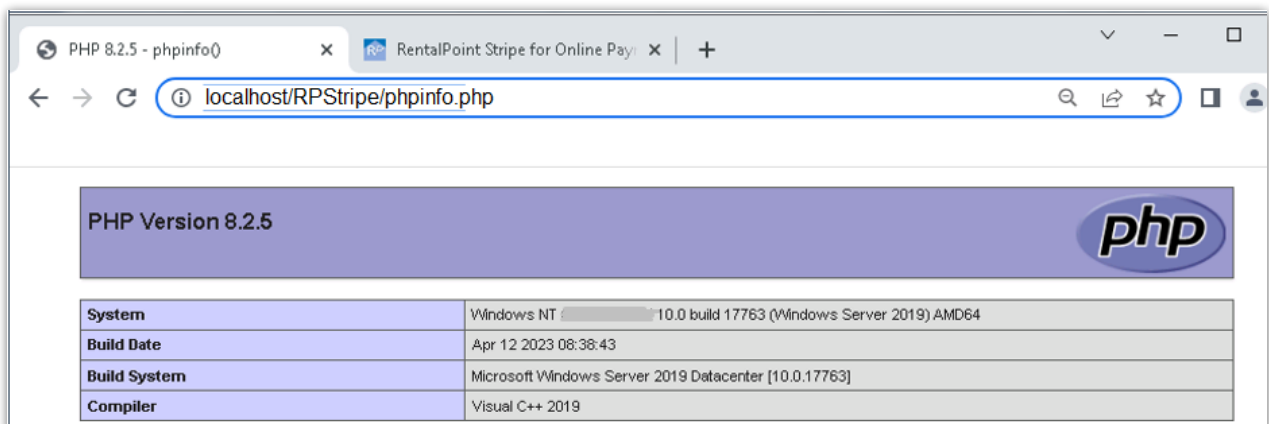
There's one final step that you need to complete (regardless if you added the mapping yourself, or the mapping was already in the list).

- Double click to open the PHP_via_FastCGI mapping.
- Click **Request Restrictions...** and configure the Mapping as follows:



Click OK on all dialogs to save the configuration, then proceed to Stripe Configuration.

1.3 Check PHP: <http://localhost/RPStripe/phpinfo.php>



1.4 Check PHP modules for RPStripe: <http://localhost/RPStripe/inst.php?idx=1>

PHP Extensions

openssl

curl

pdo_sqlsrv



sqlsrv

intl

gettext

[Back to Stripe Settings](#)

1.5 Copy PHP drivers for SQL from the install files to c:\program files\PHP_82\ext folders

Name	Date modified	Type	Size
 php_pdo_sqlsrv_82_nts_x64.dll	2023-03-01 10:03 ...	Application extens...	318 KB
 php_sqlsrv_82_nts_x64.dll	2023-03-01 10:03 ...	Application extens...	336 KB

1.6 Install/Enable PHP Extensions

- Copy/rename php.ini-production to php.ini

Change Settings in php.ini"

extension_dir = "C:\Program Files\PHP_82\ext"

uncomment:

extension=php_idap

extension=curl

extension=gettext

extension=intl

Add:

extension=php_pdo_sqlsrv_82_nts_x64.dll

extension=php_sqlsrv_82_nts_x64.dll

1.7 Check PHP modules for RPStripe: <http://localhost/RPStripe/inst.php?idx=1>

Stripe Settings PHP Information

Folders

#	Name	Value
1	WWW root	C:\inetpub\wwwroot
2	PHP ini	C:\Program Files\PHP_82\php.ini

PHP Extensions

- openssl
- curl
- pdo_sqlsrv
- sqlsrv
- intl
- gettext

[Back to Stripe Settings](#)

With PHP now installed and configured, you can delete phpinfo.php as a security precaution.

Stripe Configuration in SQL Server

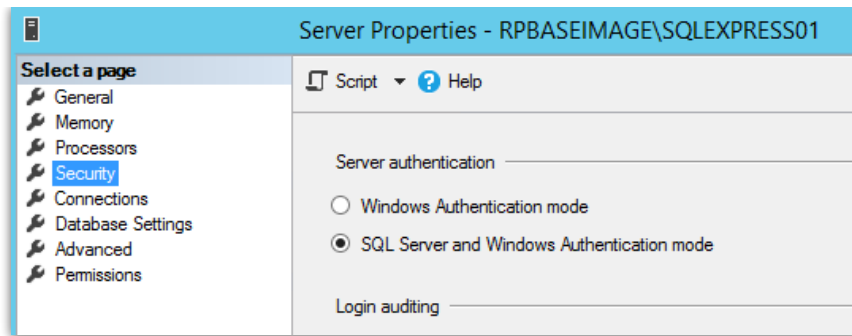
Following successful server configuration [Create a Stripe Account](#)

[Manually Create an SQL user \(if you skip this step you can create the user from RentalPoint configuration later\)](#)

Next, launch SQL Management Studio

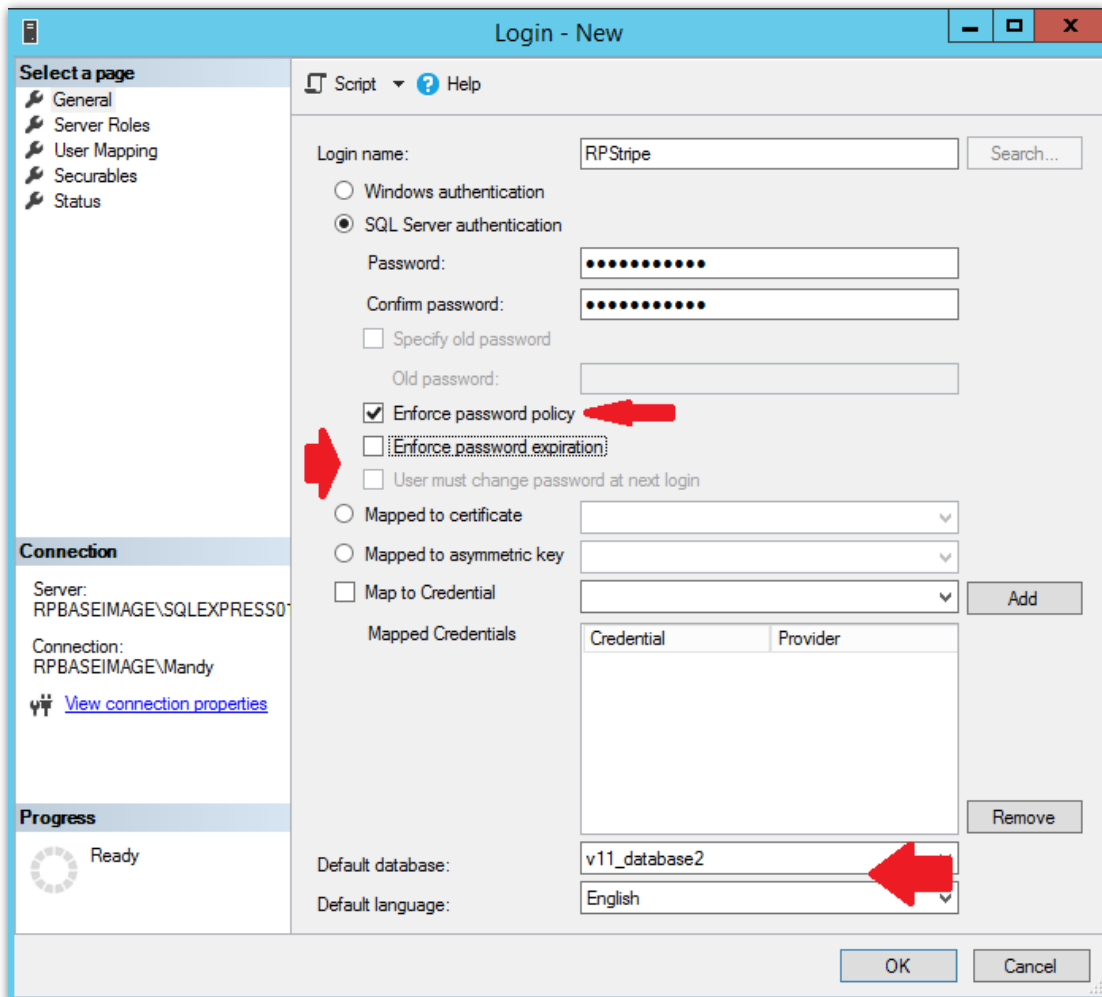


SQL Server should be set up for both Windows and SQL Authentication via SQL Server Properties

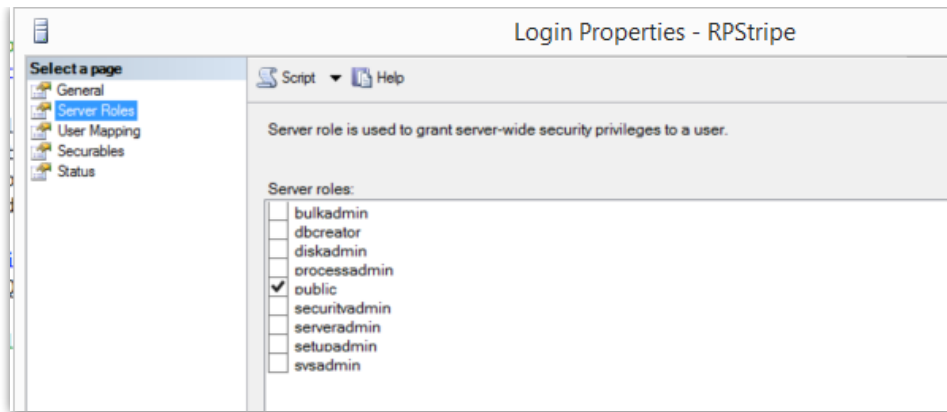


Create a special database user for Stripe (ie. RPStripe)

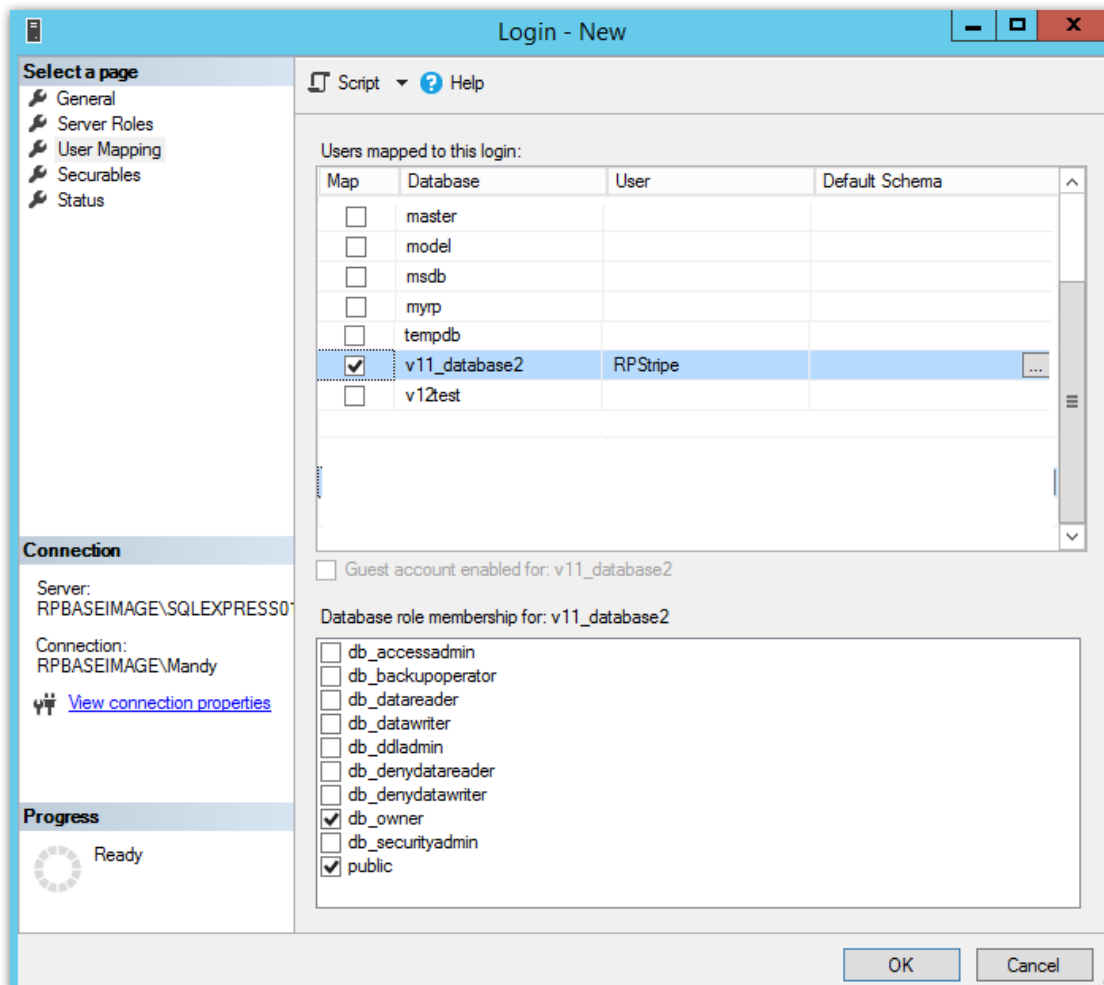
- Configure the user with SQL Server authentication, give the user a password and select Enforce Password Policy.
- Ensure that you set your Default Database and Default Language accordingly.
-



- This user should have the public and sysadmin role assigned



This user is only mapped to your RP database. Click OK to save your new user.



Use the following SQL script to grant the required permissions to this user.



Ensure that you are running RentalPoint 12.0.0.10 or higher (if not you will get an error running the script). Also ensure that you enter the appropriate USERNAME and DATABASE values (bolded below). This user will be used in your Stripe integration to ensure that your data is not leaked (see screenshot below for substitute values based on this installation)

```
DECLARE @USERNAME VARCHAR(50);
```

```
DECLARE @DATABASE VARCHAR(50);
```

```
SET @USERNAME = 'UserName';
```

```
SET @DATABASE = 'DatabaseName';
```

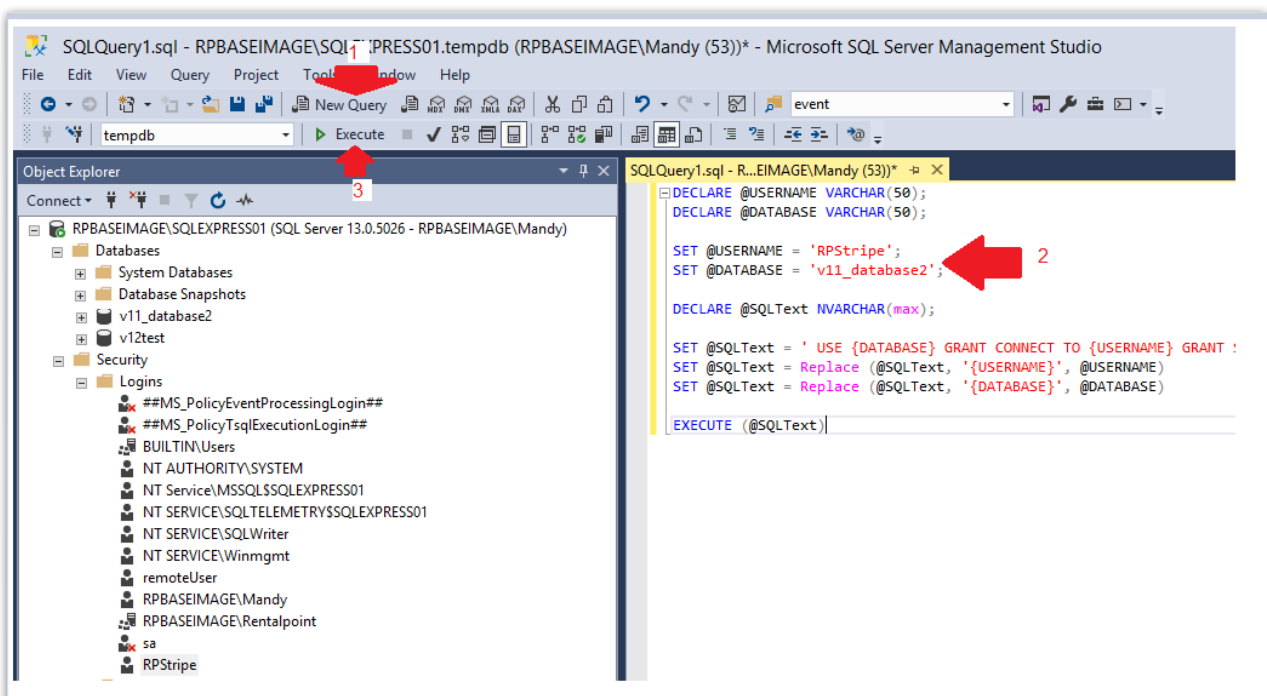
```
DECLARE @SQLText NVARCHAR(max);
```

```
SET @SQLText = ' USE {DATABASE} GRANT CONNECT TO {USERNAME} GRANT SELECT ON [dbo].  
[vwWebPayData] TO {USERNAME} GRANT SELECT ON [dbo].[tblInvhead] TO {USERNAME} GRANT  
SELECT ON [dbo].[tblParameters] TO {USERNAME} GRANT SELECT ON [dbo].[tblLocnlist] TO  
{USERNAME} GRANT SELECT ON [dbo].[tblbookings] TO {USERNAME} GRANT SELECT ON [dbo].  
[tblCurrency] TO {USERNAME} GRANT SELECT ON [dbo].[tblCurrencyName] TO {USERNAME}  
GRANT SELECT ON [dbo].[tblCust] TO {USERNAME} GRANT UPDATE ON [dbo].[tblCust] TO  
{USERNAME} GRANT SELECT ON [dbo].[tblStripeSessions] TO {USERNAME} GRANT INSERT ON  
[dbo].[tblStripeSessions] TO {USERNAME} GRANT DELETE ON [dbo].[tblStripeSessions] TO  
{USERNAME} GRANT INSERT ON [dbo].[tblPayment] TO {USERNAME} GRANT INSERT ON [dbo].  
[tblReceipt] TO {USERNAME} GRANT INSERT ON [dbo].[tblInvhead] TO {USERNAME} GRANT  
INSERT ON [dbo].[tblWebPaylog] TO {USERNAME} GRANT EXECUTE ON [dbo].[WebCharge] TO  
{USERNAME} GRANT EXECUTE ON [dbo].[WebGetInvoice] TO {USERNAME}';
```

```
SET @SQLText = Replace (@SQLText, '{USERNAME}', @USERNAME)
```

```
SET @SQLText = Replace (@SQLText, '{DATABASE}', @DATABASE)
```

```
EXECUTE (@SQLText)
```



Installing Stripe

RentalPoint Updates

The file to download is **V11.x.xx.exe** where x represents the current version number. This is an update patch for workstations and servers, it does not contain a setup program.

To view a list of historical versions [click here](#).

Before upgrading to the latest release:

1. **Ensure you are using SQL 2008 R2 Express or later.** If you are using SQL 2000, MSDE or are unsure of the version, please email support@rentp.com for assistance BEFORE attempting to upgrade.
2. If you have Crystal Reports, please contact your report creator/designer to verify that the reports will run in v11/v12.



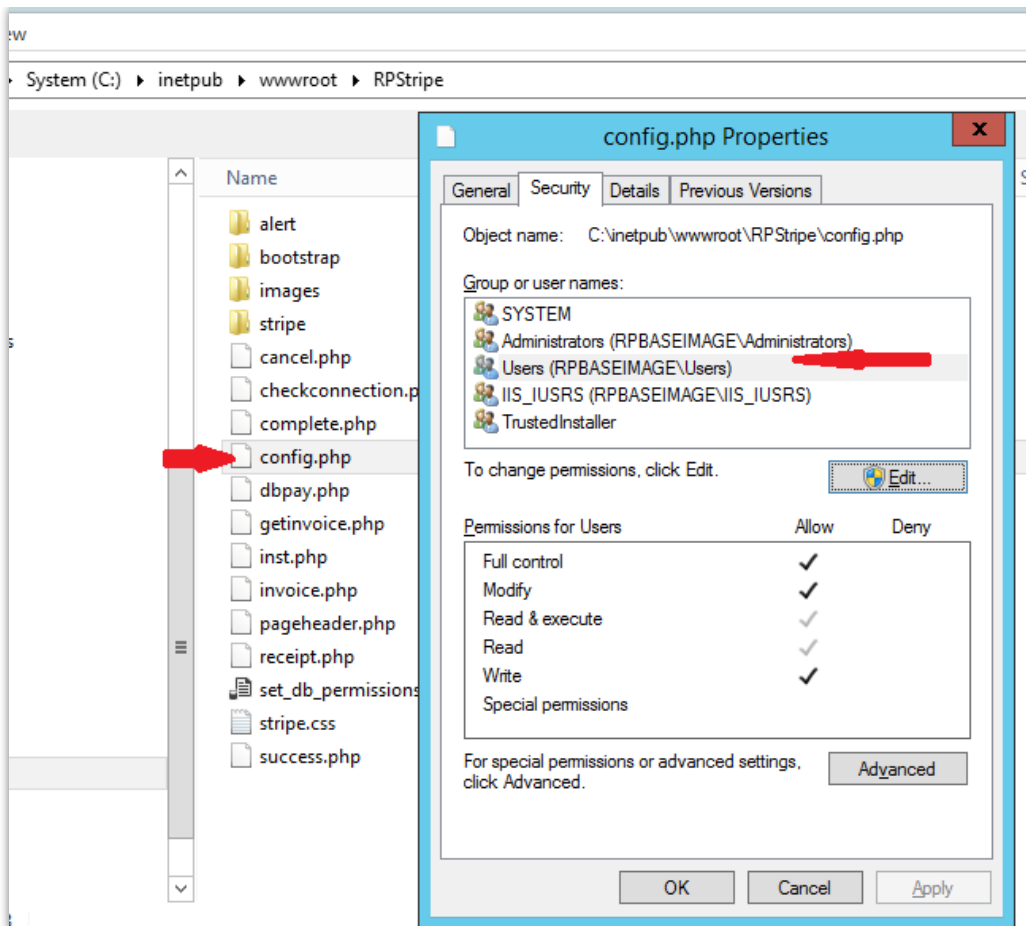
RentalPoint

File	Last Updated (EST)	Size
✓ V12.0.0.10.exe		
✓ Patch_Changes_V12.html		
✓ V10.1.2.32.msi		
✓ Patch_Changes_V10_1.txt		
✓ New_V10.1_Features.pdf		
✓ How_To_Update_RentalPoint.pdf		
✓ Step_By_Step_Installation.pdf		
✓ RentalPointPDF_2.7.0.1		
✓ RentalPointPDF_3.0.0.1		
✓ RentalPointPDF_3.1.0.0_(Supported_by_V11.3.3.4_and_above)		
✓ RPScanner.exe		
✓ Templates.zip		
✓ Export_CR_To_Excel.zip		
✓ E9-1-17-31.exe		
✓ RPServerSetup_11.2.0.exe		
✓ StripeSCA.zip		
✓ RPCrewWebpage.zip		
✓ RFID_Setup_11.3.3.8		

Unzip the downloaded file to C:\inetpub\wwwroot\RPStripe (or leave it as StripeSCA). Whatever name you use for this folder will be referenced throughout the setup.

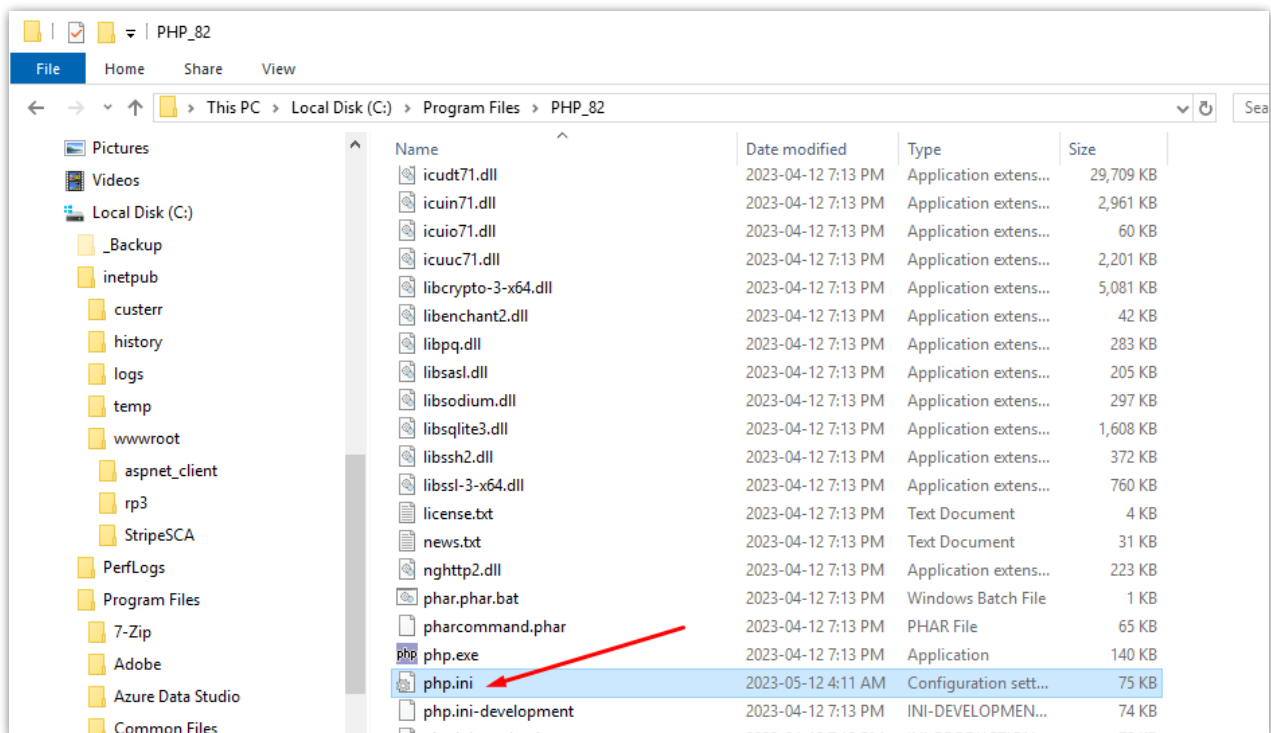
Next, you'll need to ensure that you have write permissions to the config file. The write permissions will only be used during the setup phase. Once Stripe is configured and running properly, you can remove the write permissions on the file for security reasons.

Navigate to your Stripe directory and find your config_example.php file (named so as not to overwrite customized config.php when upgrading in the future). Since this is your first installation, rename this file to config.php and ensure your users have either Full Control or Read and Write. Please note your group name may be different than the group name listed in the screenshot below.



The final step for installing the Stripe service is to make a change to your default php file.

Navigate to and open php.ini.



Search for the Miscellaneous section and add the line **extension=php_intl.dll**

```
File Edit Format View Help
;zend.multibyte = Off

; Allows to set the default encoding for the scripts. This value will be used
; unless "declare(encoding=...)" directive appears at the top of the script.
; Only affects if zend.multibyte is set.
; Default: ""
;zend.script_encoding =
|
;;;;;;;;;;;;;;;;;;;;;;;;;
; Miscellaneous ;
;;;;;;;;;;;;;;;;;;;;;;;;;

; Decides whether PHP may expose the fact that it is installed on the server
; (e.g. by adding its signature to the Web server header). It is no security
; threat in any way, but it makes it possible to determine whether you use PHP
; on your server or not.
; http://php.net/expose-php
expose_php = On
extension=php_intl.dll
```

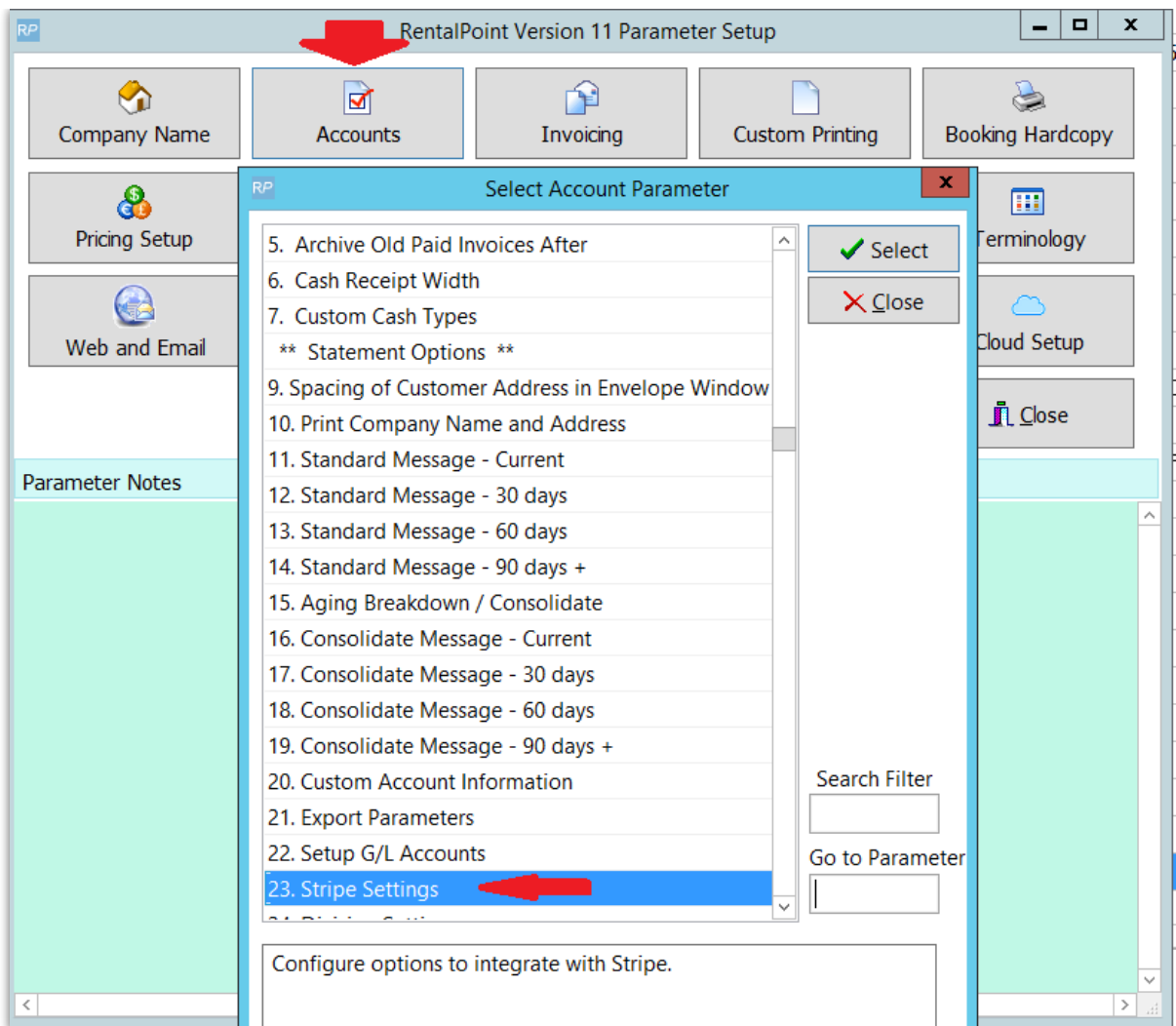
Save and close the file



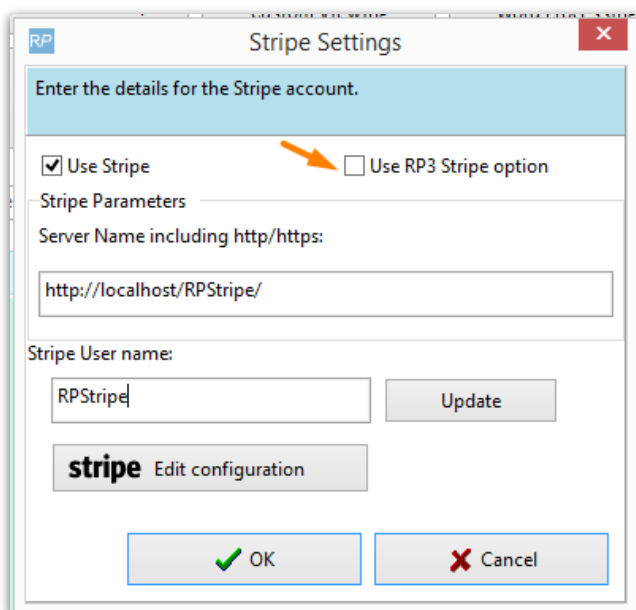
If you're having trouble locating the php.ini file, try running a search in your C drive. Your file may be located in a different folder, depending on your OS version and PHP version

RentalPoint Configuration LAN Access

- Launch RentalPoint
- Navigate to Setup ->Parameters ->Accounts -> #23 Stripe Settings
-



- Check Use Stripe checkbox
- Enter 'localhost' and stripe location to confirm LAN access
- Enter the Stripe username you created in Stripe Configuration above
- Leave the 'Use RP3 Stripe option' unchecked
-



- Click UPDATE to check your Stripe username permissions, RentalPoint will
 - Check Admin permissions in SQL Server
 - Check/create an SQL Server login if needed
 - Check/create an SQL Stripe user if needed
 - Execute a script to GRANT necessary permissions for SQL Stripe user
- Click **stripe** Edit configuration
- Enter your Company Settings (your clients will see this information the Payment Receipt window)
-

The screenshot shows a web browser window with the address bar displaying 'localhost/RPStripe/inst.php'. The page title is 'Stripe SettingsPHP Information'. The main content is divided into two sections: 'Company Settings' and 'SQL Settings'. Each section contains a table with columns for '#', 'Name', and 'Value', followed by input fields for each row.

#	Name	Value
1	Company Name	RentalPoint Software Inc
2	Company URL	http://rentp.com
3	Company Email	support@rentp.com

#	Name	Value
1	Server Name	RPBASEIMAGE\squlexpress01
2	User Name	RPStripe
3	Password	*****
4	Database	v11_database2

At the bottom right of the form is a green button labeled 'Test Connection'.

Then click

Test Connection

You should get the following message

The screenshot displays the 'Company Settings' and 'SQL Settings' sections of a web application. The 'Company Settings' section includes a table with the following data:

#	Name	Value
1	Company Name	RentalPoint Software Inc
2	Company URL	http://rentp.com
3	Company Email	support@rentp.com

The 'SQL Settings' section includes a table with the following data:

#	Name
1	Server Name
2	User Name
3	Password
4	Database

A modal dialog box is overlaid on the settings, featuring a green checkmark icon and the text: 'Connection established!' followed by 'Connection established.' and an 'OK' button. A green 'Test Connection' button is visible at the bottom of the settings area.

This confirms Local Area Network (LAN) connection.

RentalPoint Configuration WAN Access

You'll need to provide Wide Area Network (WAN) access through your router & firewall before changing settings from <http://localhost/RPStripe> to your WAN address

Ubuntu:

1. First set up a DDNS record that points to the external IP address of your server (eg: pay.ddns.net)
2. Then ensure you have ports available (eg: 80,443, 44) to communicate via your ddns (eg pay.ddns.net)

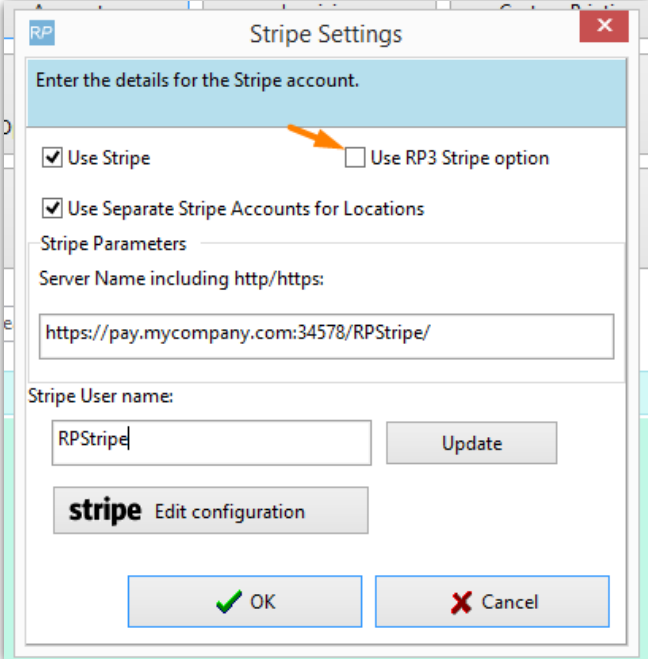
Windows:

1. First set up a DNS "A" Record that points your DNS to the external IP address of your server.
 - For example: pay.mycompany.com
2. Then set up a hole in your router / firewall to allow a random port to be redirected to port 80 of the internal IP address of the IIS server
 - For example: port 34567

Next change the setup in RentalPoint to your ddns/dns address and test the connection

- Ubuntu: <https://payonline.ddns.net/RPStripe>
- Windows:
- Leave 'Use RP3 Stripe option' unchecked
- For multi location users, if you have separate Stripe accounts for each location, check 'use separate Stripe Accounts for Locations', then goto setup-->locations and enter Stripe keys under the Accounting tab for each location.

•



- Click UPDATE to check your Stripe username permissions, RentalPoint will
 - Check Admin permissions in SQL Server
 - Check/create an SQL Server login if needed
 - Check/create an SQL Stripe user if needed
 - Execute a script to GRANT necessary permissions for SQL Stripe user

RentalPoint Stripe Settings

Once you've established a successful connection, the next step is to enter your Stripe information (from your Stripe Account Dashboard). You can use Test API Keys or move right to your live API keys

dashboard.stripe.com/test/dashboard

Apps

Rentp

Home

- Activate your account
- Payments
- Balances
- Customers
- Connected accounts
- Products
- Reports
- Developers
- Viewing test data
- Settings

Q Search...

Get started with Stripe,

- > Build your payments integration
- > Send an invoice from the Dashboard [No-code option](#)
- Get your API keys
You can start interacting with your Stripe account in test mode, but can't create live charges until your account is activated. [Learn more](#) →

Test API Keys Live API Keys

Publishable key	pk_test_51Ie23bIM0ZUyx1sQdG3t9H7YEBQbyNg4fM3AttEpOwkxO558HjXN71hH8Cr6BbNC1SzGInFIsqHnPhoxtgbrQn1s00H6VA7ks
Secret key	sk_test_51Ie23bIM0ZUyx1sQEvK1DzALxNERJyGTnfypXfnXrizmPXCT8cznMaLABGcDEcIKx518VxwYcGZPBV9MA91Gdu000i3wcZkt

[Hide test key](#)

The email rentp.mandy@gmail.com is verified

SQL Settings

#	Name	Value
1	Server Name	RPBASEIMAGE\sqlexpress01
2	User Name	RPStripe
3	Password	SQL password
4	Database	v11_database2

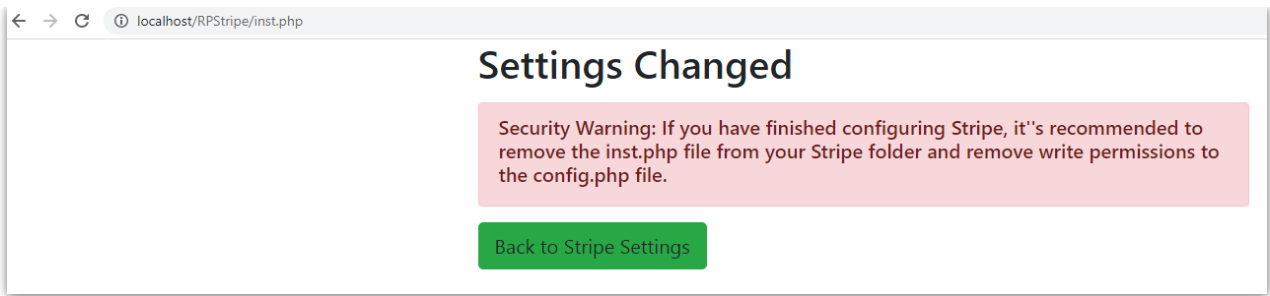
[Test Connection](#)

Stripe Settings

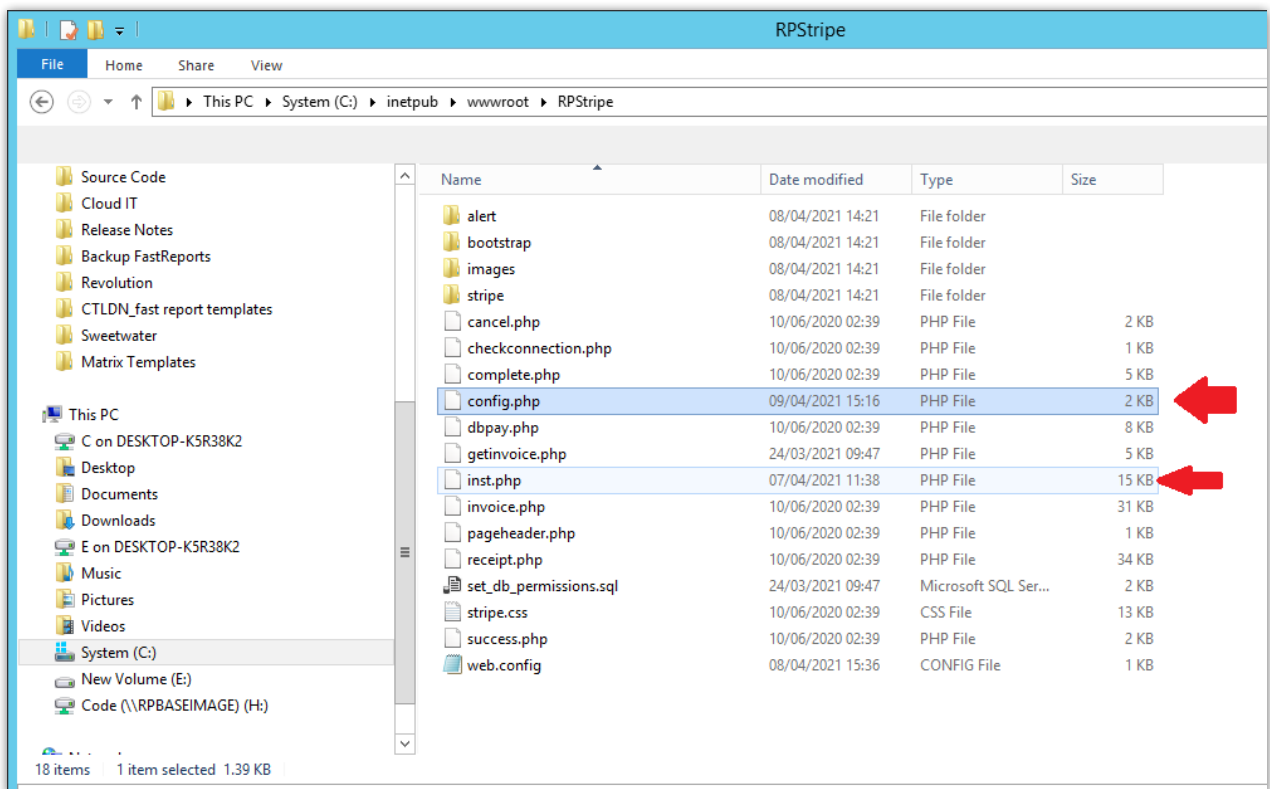
#	Name	Value
1	Secret Key	sk_test_51Ie2JbIM0ZUyx1sQEvK1DzALxNERJyGTnfypXfnXrizmPXCT8czn
2	Public Key	pk_test_51Ie2JbIM0ZUyx1sQdG3t9H7YEBQbyNg4fM3AttEpOwkxO558Hj
3	Currency Code (leave this value blank for multi-currency systems)	CAD

Warning! Ensure you have write permissions on **config.php** before saving.

[Save Stripe Settings](#)

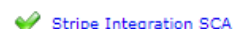


Finally, navigate to your RPStripe folder to remove/relocate/rename your inst.php (in case you need it again for change of address) and change permissions on config.php



Update Existing Stripe Installation

RentalPoint v12.0.0.10 Stripe Integration has been enhanced, so that the Stripe payment amount now considers any payments or credits already applied against the invoice. This enhancement requires the revised SQL security query for Stripe to be executed. If you had Stripe installed with an earlier version of RentalPoint and have now upgraded to RentalPoint v12.0.0.10 or higher, please follow the extra upgrade steps below.

1. Upgrade to RentalPoint 12.0.0.10 or the latest posted RentalPoint release
2. Download  from RentalPoint Updates

RentalPoint Updates

The file to download is **V11.x.xx.exe** where x represents the current version number. This is an update patch for workstations and servers, it does not contain a setup program.

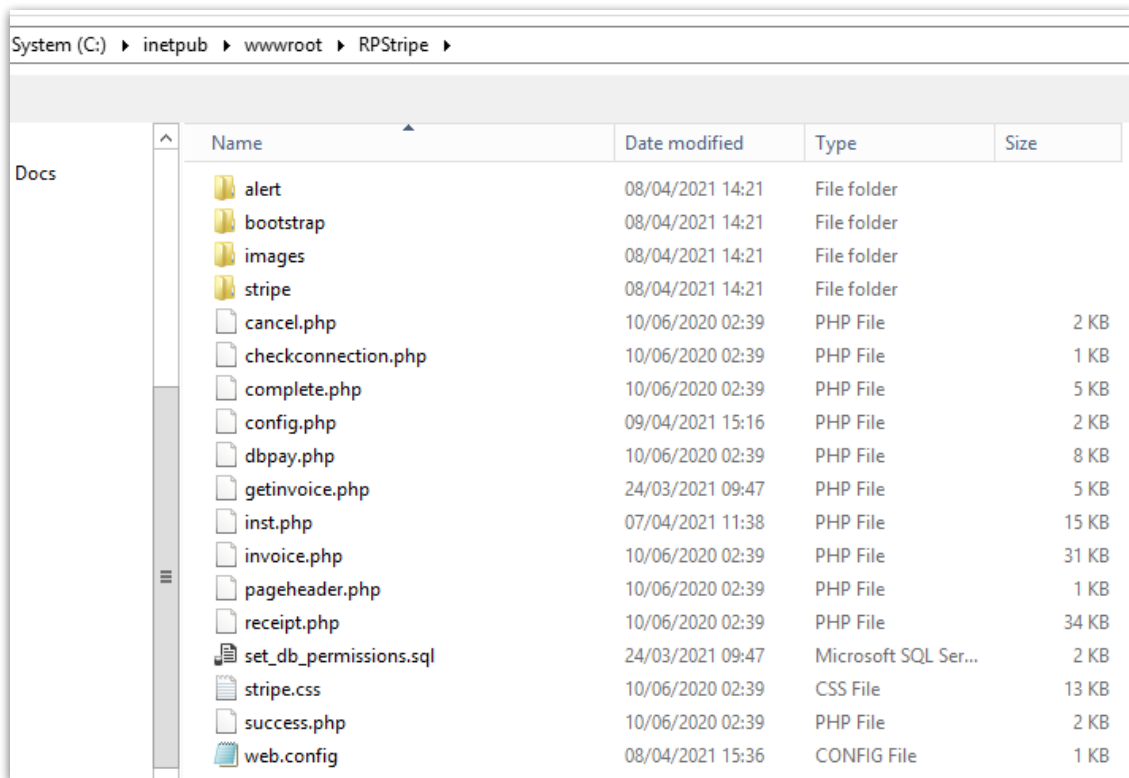
To view a list of historical versions [click here](#).

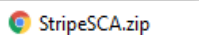
Before upgrading to the latest release:

1. **Ensure you are using SQL 2008 R2 Express or later.** If you are using SQL 2000, MSDE or are unsure of the version, please email support@rentp.com for assistance BEFORE attempting to upgrade.
2. If you have Crystal Reports, please contact your report creator/designer to verify that the reports will run in v11/v12.

File	Last Updated (EST)	Size
✓ V12.0.0.10.exe	Mar 29, 2020 @ 18:47	138 MB
✓ Stripe Integration SCA	Apr 9, 2021 @ 09:25	997.57 KB
✓ RPCrewWebpage.zip	Oct 17, 2019 @ 09:18	5.9 MB
✓ RFID_Setup 11.3.3.8	Oct 9, 2019 @ 12:48	0.75 MB

3. Locate your current RentalPoint Stripe installation folder - this could be RPStripe or whatever you named your Stripe folder during installation. Make a copy of config.php as this has your company settings in it. You'll need to copy this file back after step 4.

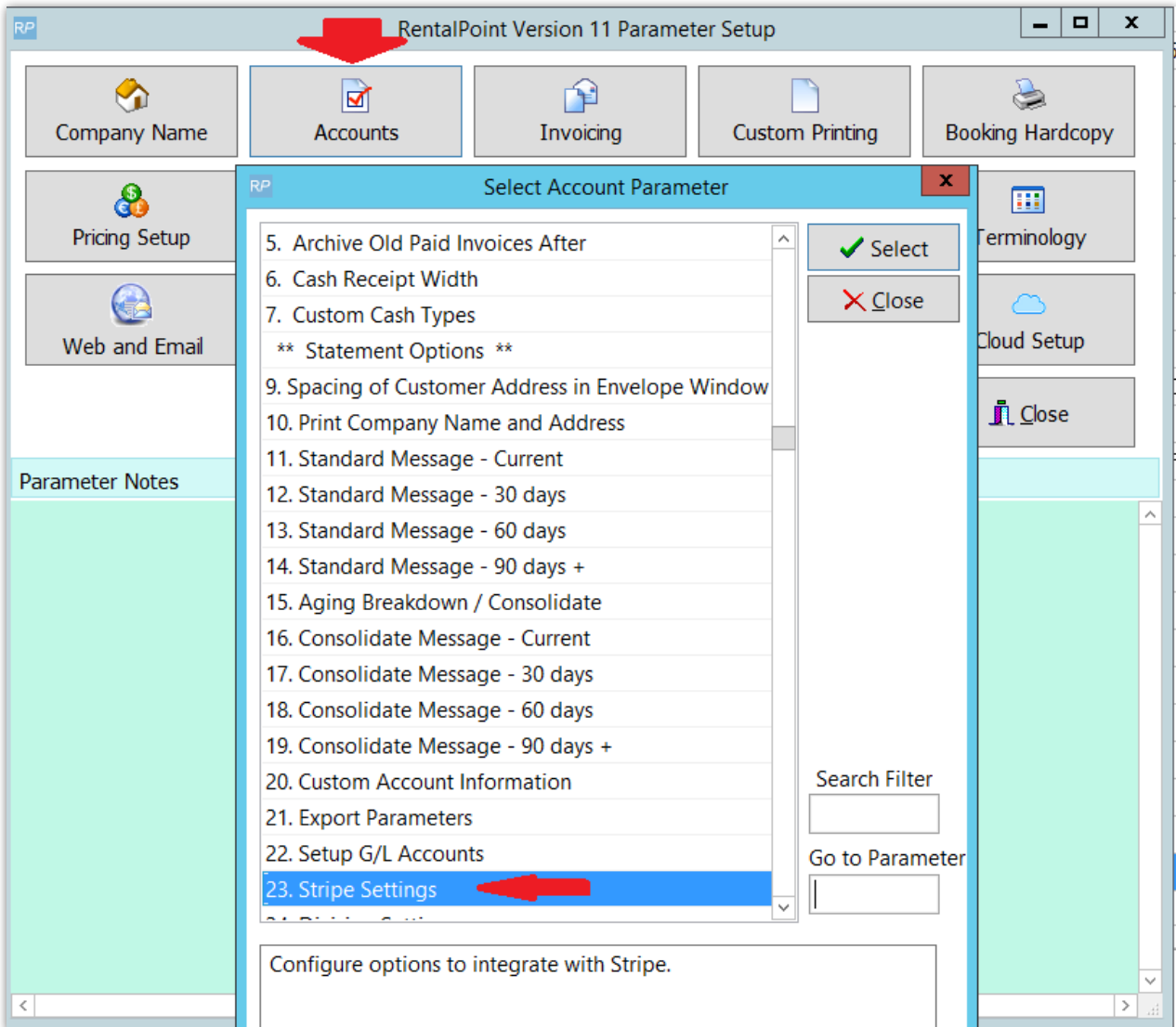


4. Unzip  to your Stripe installation folder
5. Replace config.php with your copy so that your company settings are intact.

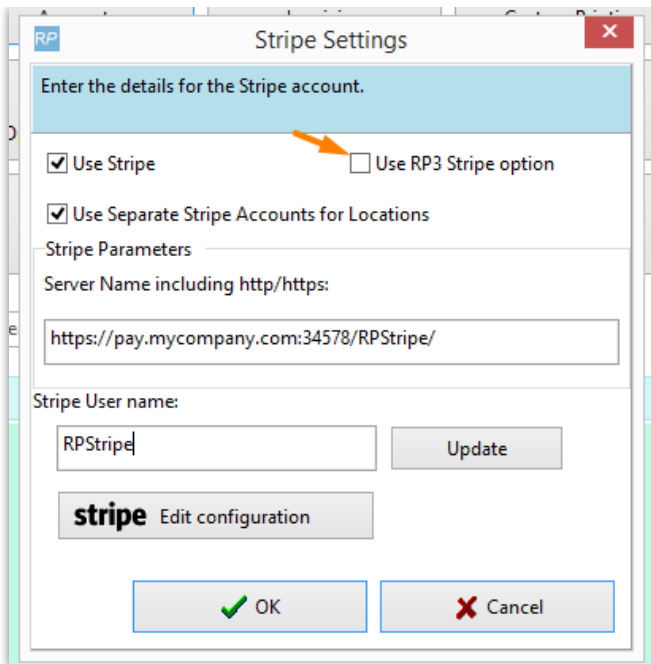
Automatic Permissions Update

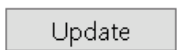
RentalPoint v12.0.0.11 has been enhanced to automatically update SQL permissions for the SQL Stripe user when necessary. A one-time manual update is required to RentalPoint Accounts Parameter #23 (Stripe Parameter) in order to facilitate this functionality. Once set up, RentalPoint will automatically take care of Stripe user permissions updates for all future upgrades.

Navigate to Setup ->Parameters ->Accounts -> #23 Stripe Settings



Enter the Stripe the username you created during Stripe Configuration (usually part of your stripe server name)



- Click UPDATE to check your Stripe username permissions, RentalPoint will
 - Check Admin permissions in SQL Server
 - Check/create an SQL Server login if needed
 - Check/create an SQL Stripe user if needed
 - Execute a script to GRANT necessary permissions for SQL Stripe user
- Click 

Now that the above has been set up, RentalPoint will automatically take care of Stripe user permissions updates for all future upgrades.

Manual Permissions Update

Not needed if Automatic Permissions update instructions have been followed above.

Open SQL Server Management Studio and use the following SQL script to grant the required permissions to this user.



Ensure that you are running RentalPoint 12.0.0.10 or higher (if not you will get an error running the script). Also ensure that you enter the appropriate USERNAME and DATABASE values (bolded below). This user will be used in your Stripe integration to ensure that your data is not leaked (see screenshot below for substitute values based on this installation)

```
DECLARE @USERNAME VARCHAR(50);  
DECLARE @DATABASE VARCHAR(50);
```

```
SET @USERNAME = 'UserName';  
SET @DATABASE = 'DatabaseName';
```

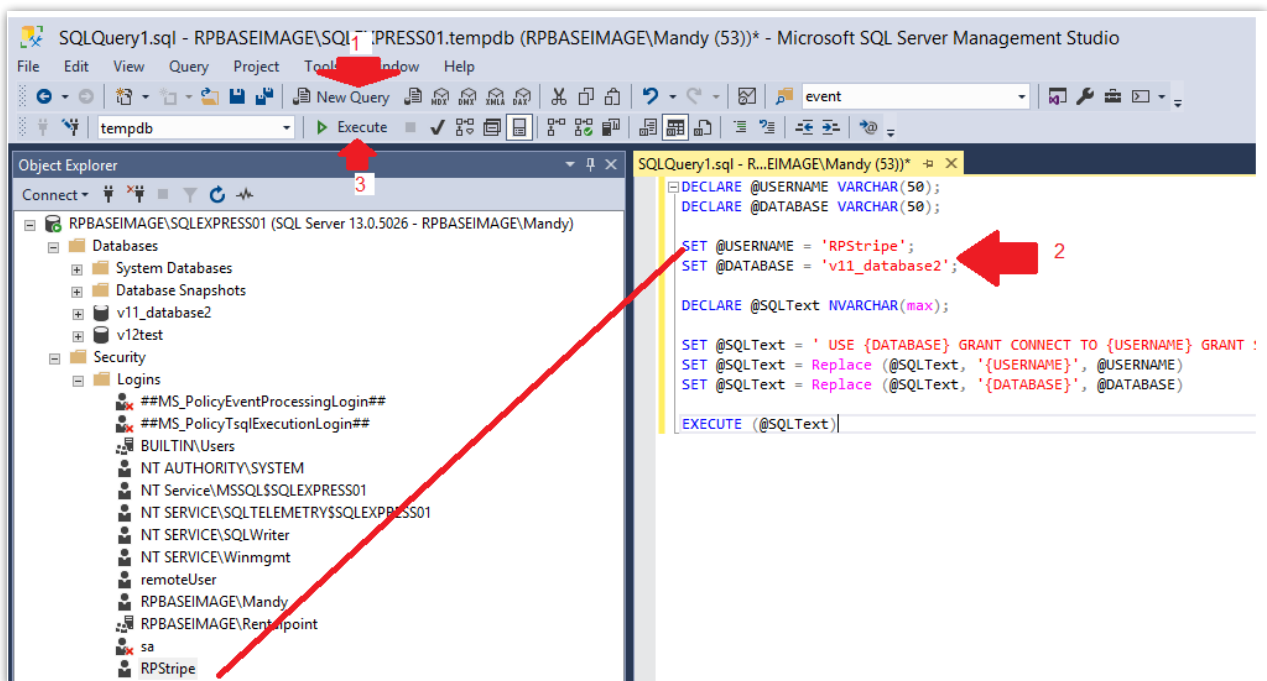
```
DECLARE @SQLText NVARCHAR(max);
```

```

SET @SQLText = ' USE {DATABASE} GRANT CONNECT TO {USERNAME} GRANT SELECT ON [dbo].
[vwWebPayData] TO {USERNAME} GRANT SELECT ON [dbo].[tblCurrency] TO {USERNAME}
GRANT SELECT ON [dbo].[tblCurrencyName] TO {USERNAME} GRANT SELECT ON [dbo].
[tblCust] TO {USERNAME} GRANT UPDATE ON [dbo].[tblCust] TO {USERNAME}
GRANT SELECT ON [dbo].[tblStripeSessions] TO {USERNAME} GRANT INSERT ON [dbo].
[tblStripeSessions] TO {USERNAME} GRANT DELETE ON [dbo].
[tblStripeSessions] TO {USERNAME} GRANT INSERT ON [dbo].[tblPayment] TO {USERNAME}
GRANT INSERT ON [dbo].[tblReceipt] TO {USERNAME} GRANT INSERT ON [dbo].
[tblInvhead] TO {USERNAME} GRANT INSERT ON [dbo].[tblWebPaylog] TO {USERNAME}
GRANT EXECUTE ON [dbo].[WebCharge] TO {USERNAME} GRANT EXECUTE ON [dbo].
[WebGetInvoice] TO {USERNAME}';
SET @SQLText = Replace (@SQLText, '{USERNAME}', @USERNAME)
SET @SQLText = Replace (@SQLText, '{DATABASE}', @DATABASE)

```

EXECUTE (@SQLText)



Configure RentalPoint Templates

Once Stripe is ready to use, the next step is to include the stripe insert field in any emails and custom templates where you want to provide the client with an option to pay online

Custom RTF

For an .rtf template the &STRIPELC& can be added to have the link appear in the document itself



Fast Report Custom Template

Initial Setup

For any Fast Report custom template (pre v12.0.0.10), the StripeWebLink field must be made available in the templates stored procedure. Please contact support@rentp.com for assistance with this step if needed. For those familiar with SQL and stored procedures, the required code modification is detailed below.

1. Add a parameter to the templates Stored Procedure with the name @StripeWebLink
varchar(512)
2. Select this parameter in any select statement

```

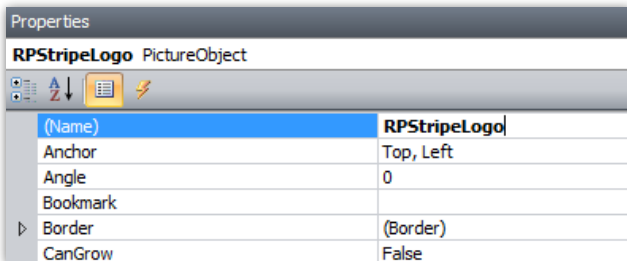
--*****
/* Operator */
SELECT
    @RepID AS RepID,
    @Company_MainLogo AS CompanyLogo,
    @StripeWebLink AS StripeWebLink,
    OOF.*
FROM dbo.GetOperatorFields(@operator_id) AS OOF;

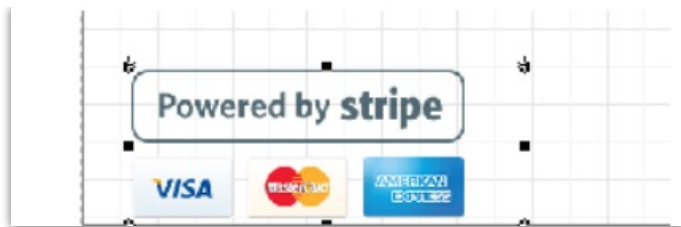
```

Ongoing use

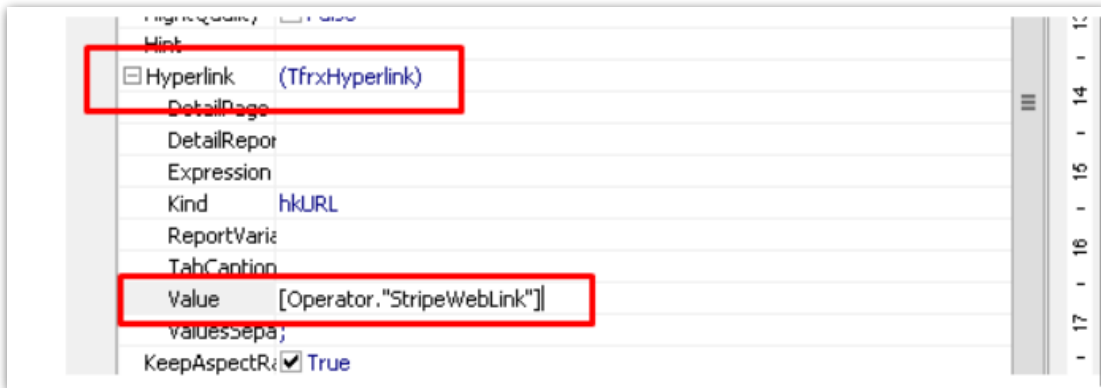
In the Fast Report editor, add the Stripe link to any object as follows:

First ensure the text field name is prefixed with the same stripe username (*case sensitive*) you have used throughout setup i.e. RPStripe or StripeSCA, then highlight the field

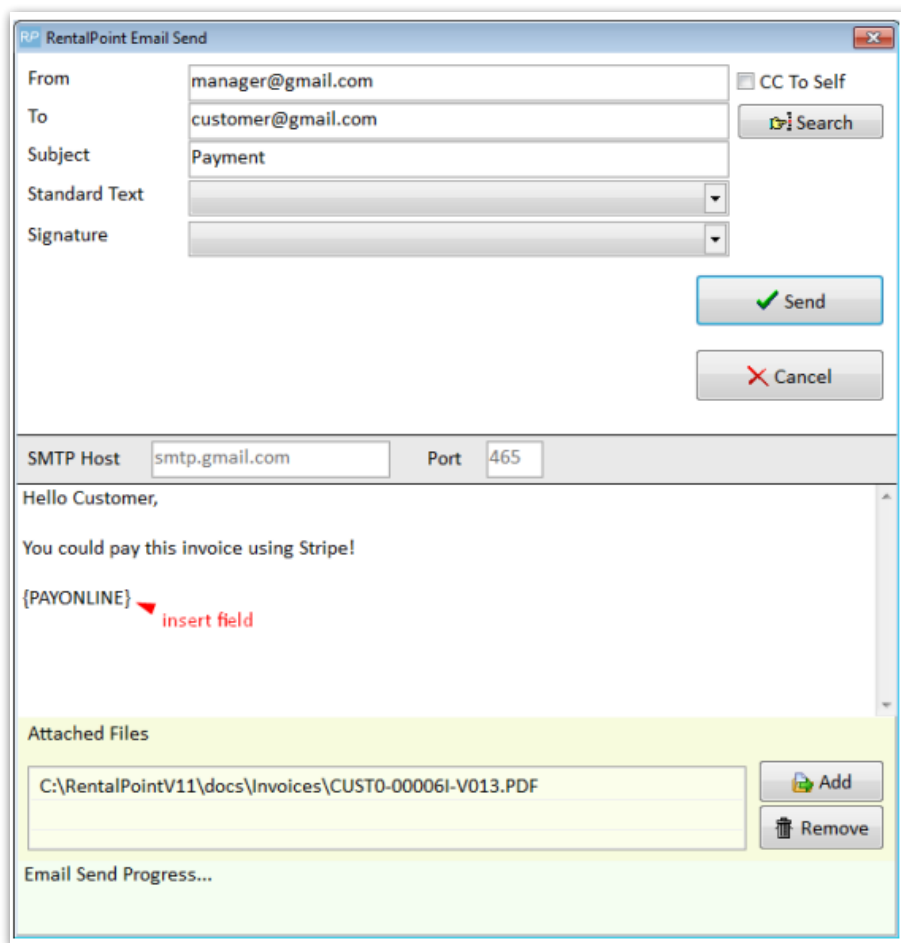




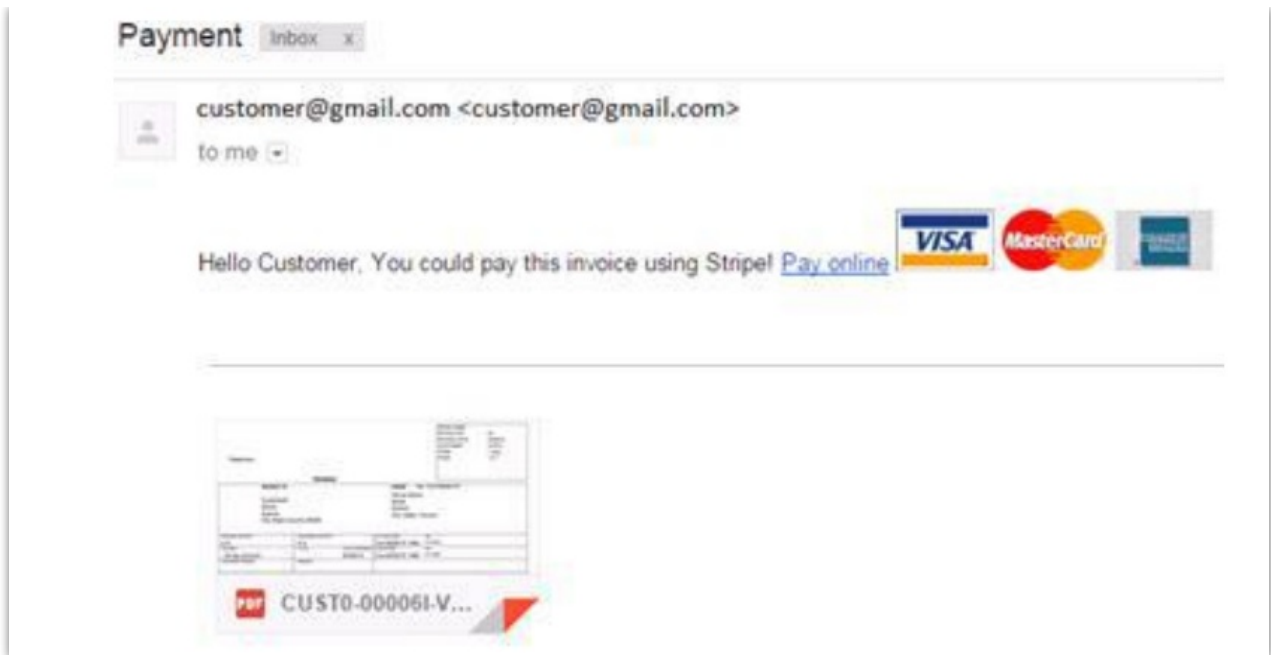
Then in the property editor, expand the hyperlink property and add the field name to the value field



4.3 RentalPoint Email Template An email to your client may look something like this, note the {PAYONLINE} link:



Sample client email



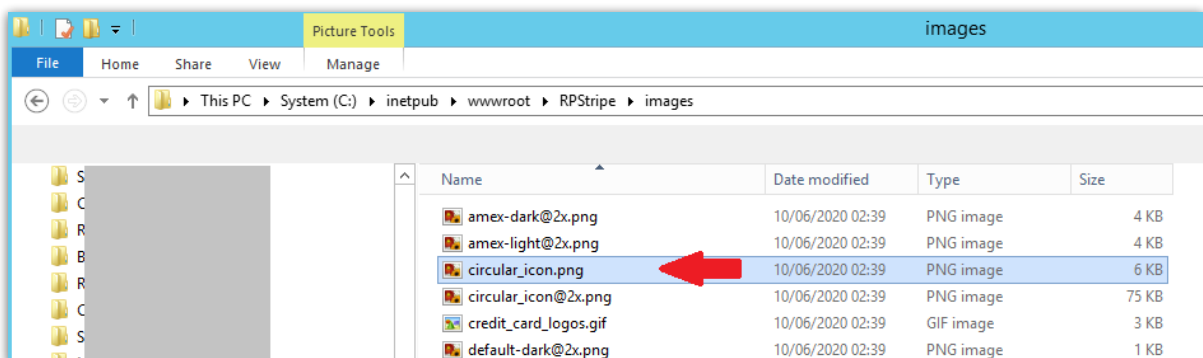
Additional Options

Configure a Custom Image for your Stripe Payment and Receipt Windows

Both the Payment and Receipt windows are populated with a default RentalPoint image.

To configure a custom image....

- Navigate to your Strip default Images directory; C:\inetpub\wwwroot\RPStripe\images. This directory contains all images that are used in the Stripe service.
- To customize the image, simply replace image in the file 'circular_icon.png' with an image of your choice. The name of the file should NOT be changed. RentalPoint Cloud Hosted clients should send a copy of the file to support@rentp.com for installation.




Troubleshooting Setup Issues (for local RentalPoint installations)

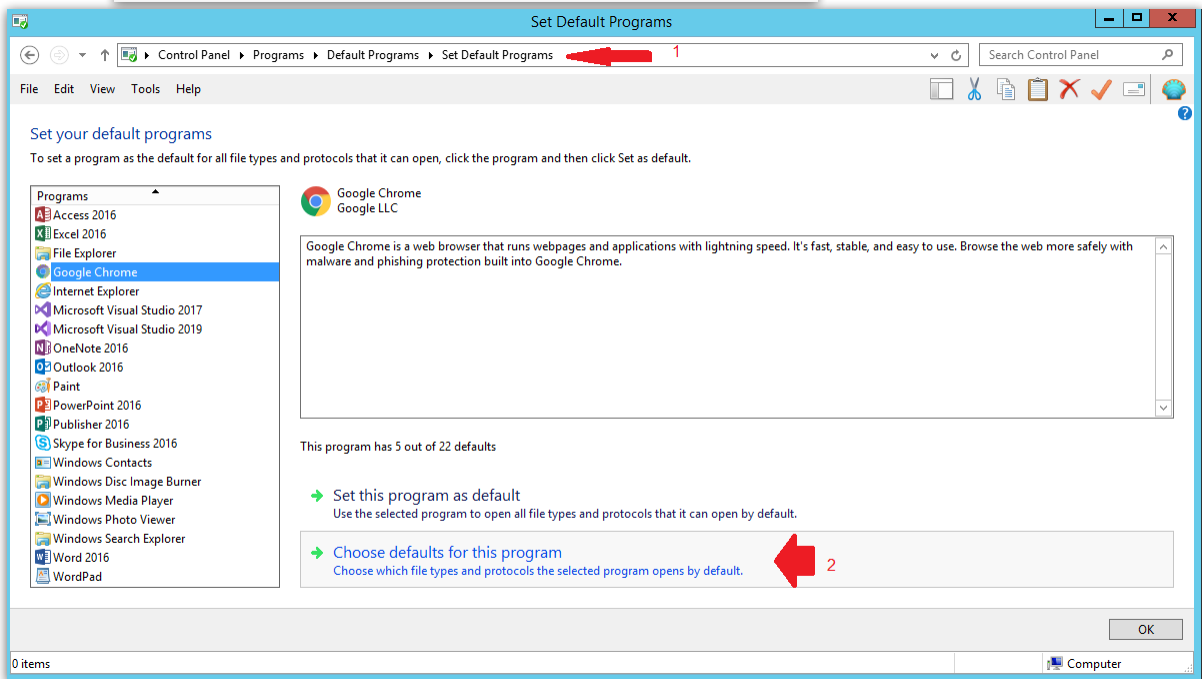
Cannot Access Stripe Edit Configuration

You may encounter an error when attempting to access your Stripe configuration file. The most common reason is that HTTP and HTTPS files are not associated with a specific program.

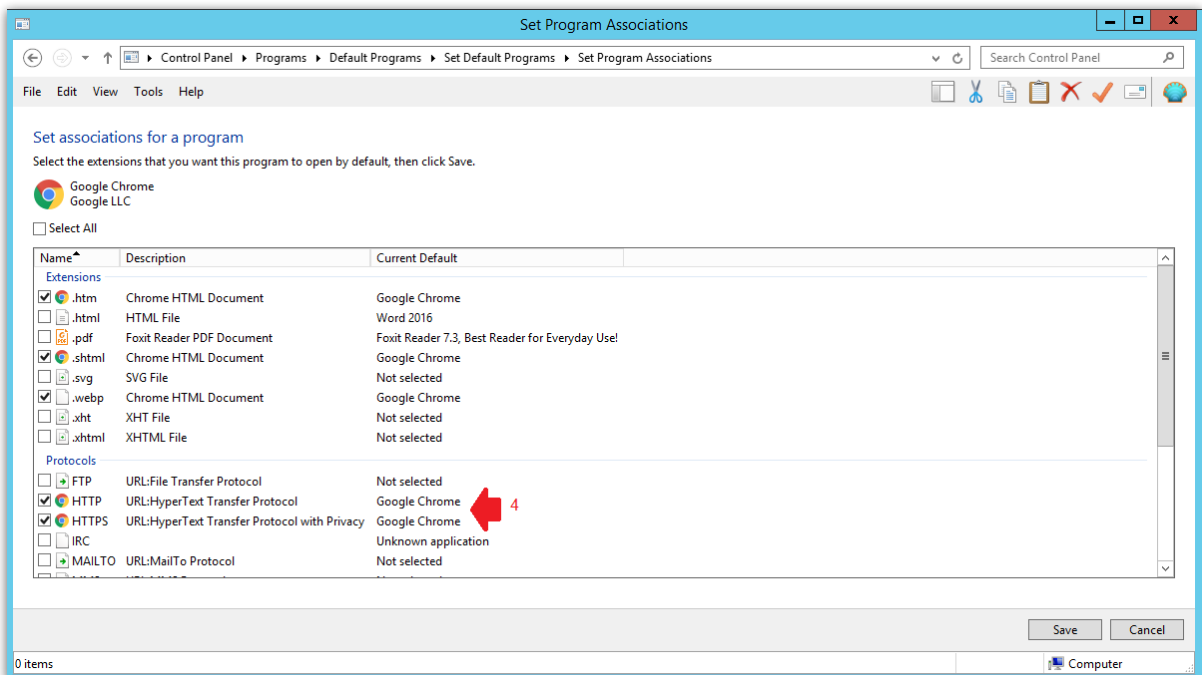
To address the issue:

- 1. Open Control Panel and navigate to Control Panel\Programs\Default Programs\Set Default Programs
- 2. Highlight the browser you are using (can be any browser)

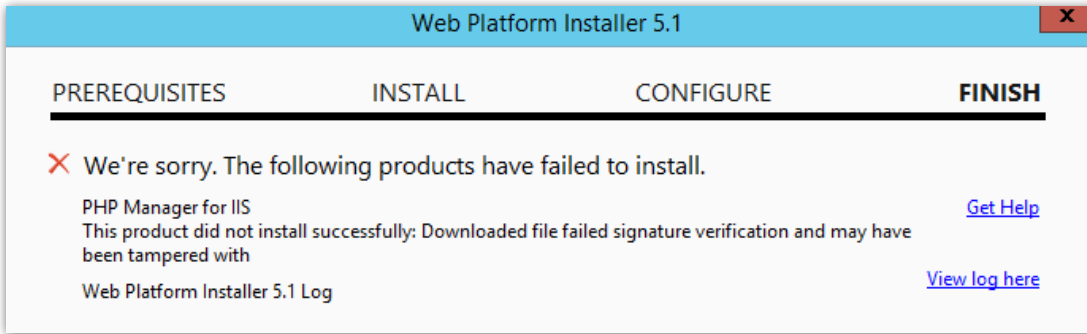
- 3. Click  [Choose defaults for this program](#)
Choose which file types and protocols the selected program opens by default.



- 4. Ensure that HTTP and HTTPS are checked

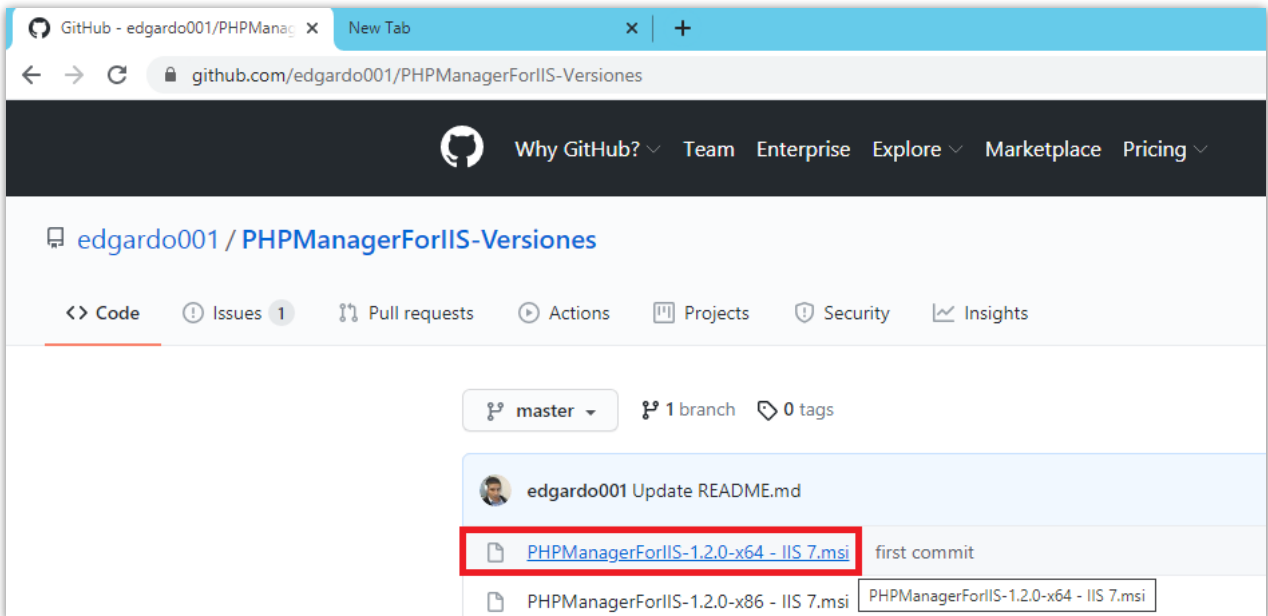


PHP Manager for IIS failed to install

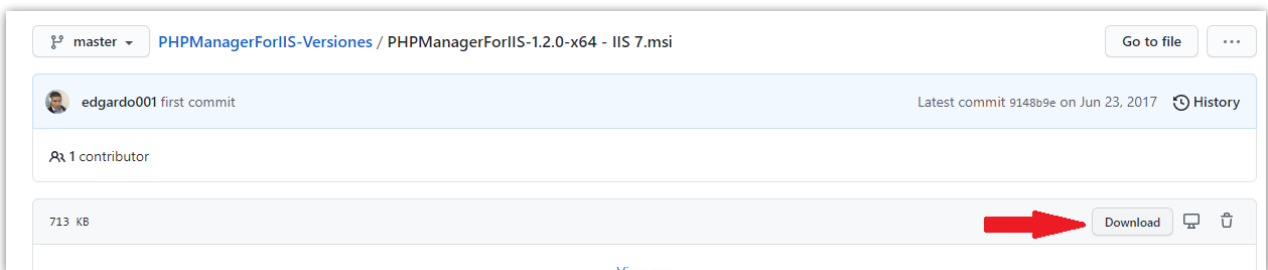


First [Click here](#) to navigate to the site to download PHP Manager

Then click [PHPManagerForIIS-1.2.0-x64 - IIS 7.msi](#)



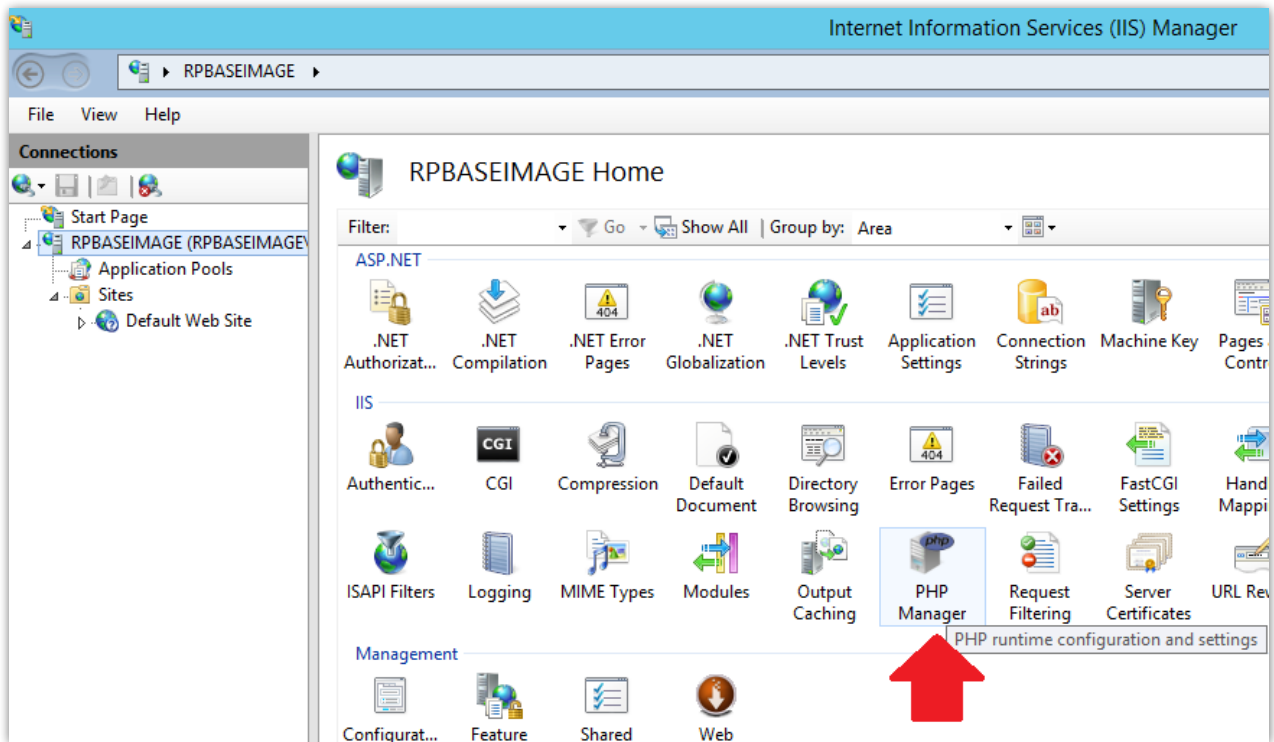
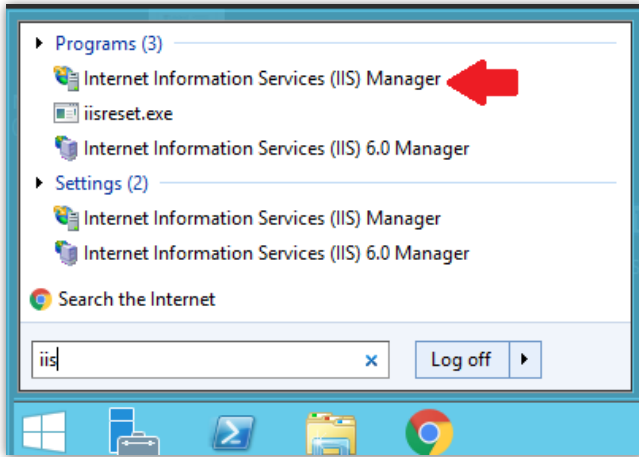
Download the file



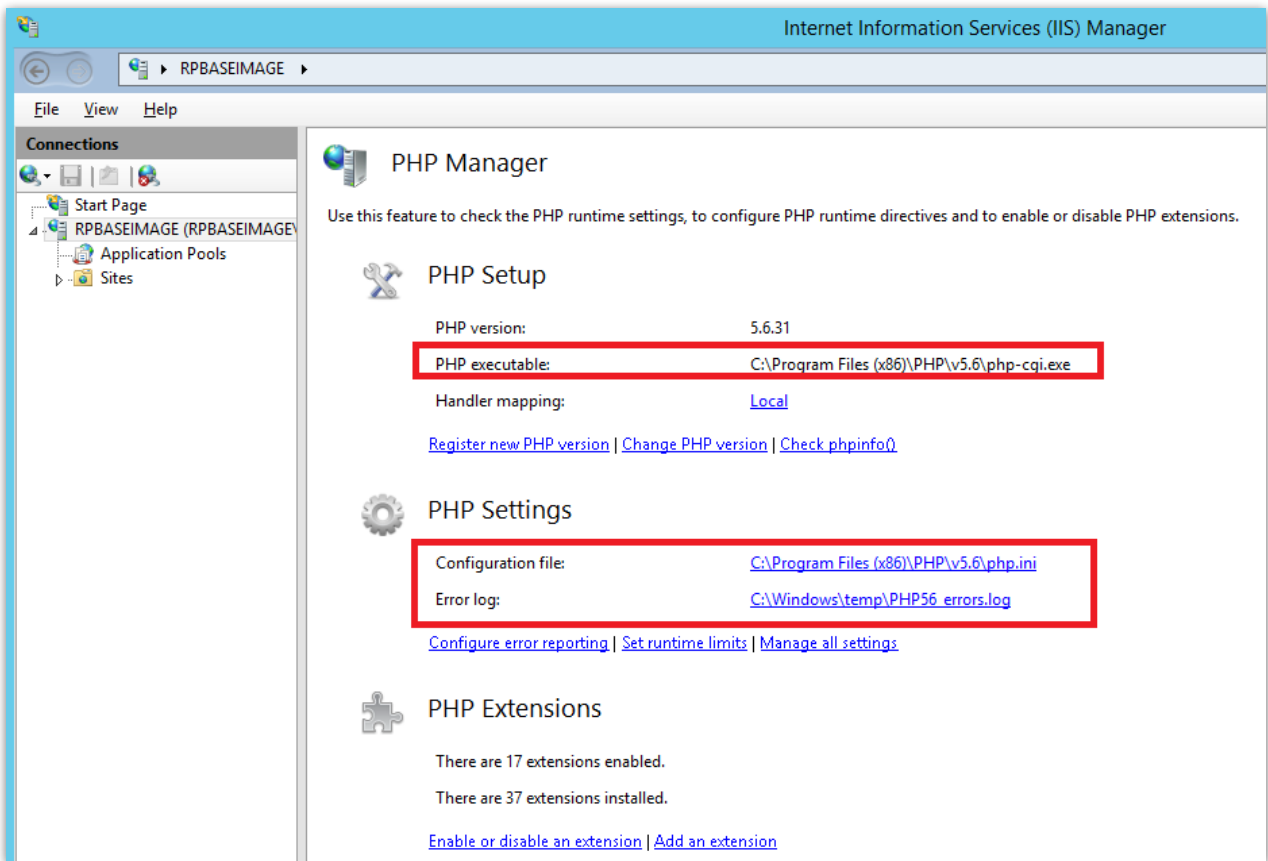
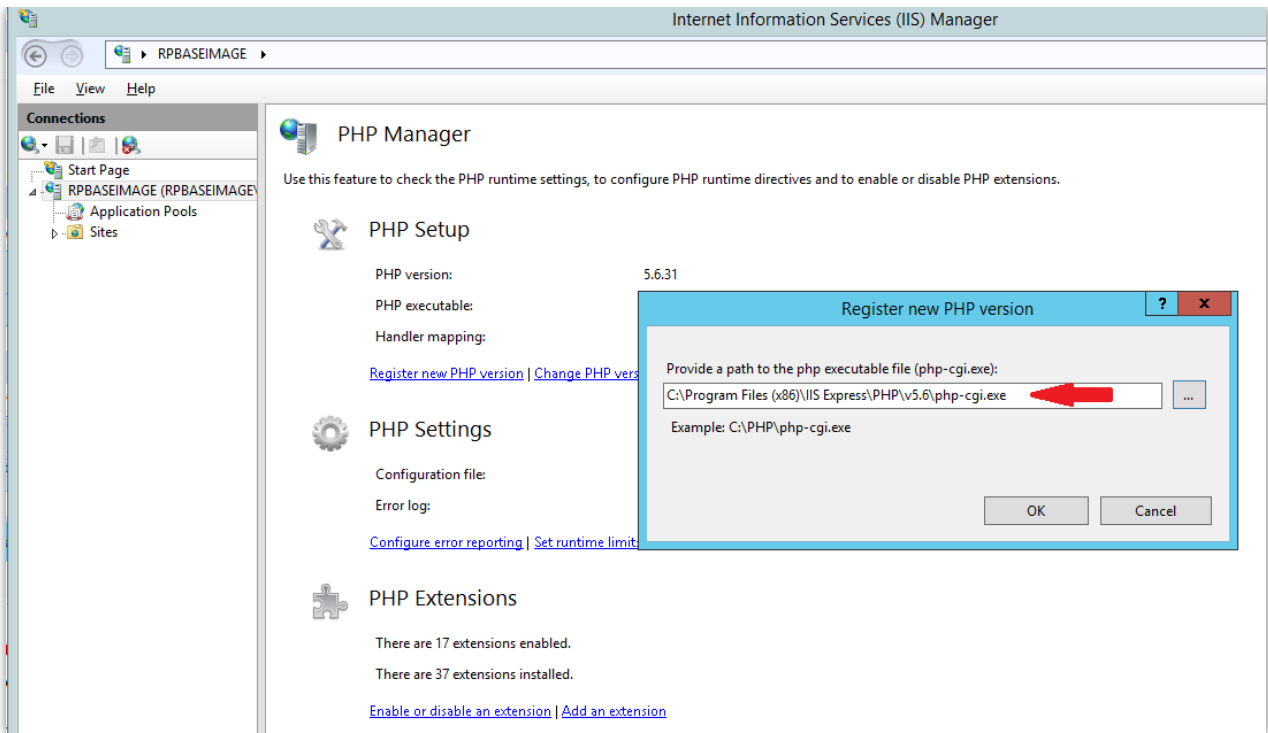
Double Click the downloaded msi file to install [PHPManagerForIIS-1.2.0-x64 - IIS 7.msi](#)

[IIS Manager](#)

Open IIS Manager -> PHP manager



Register the installed PHP version



Under  **PHP Extensions** click [Enable or disable an extension](#)

Ensure the following are enabled

Enabled	
php_curl.dll	Enabled
php_exif.dll	Enabled
php_gd2.dll	Enabled
php_gettext.dll	Enabled
php_imap.dll	Enabled
php_intl.dll	Enabled
php_mbstring.dll	Enabled
php_mysql.dll	Enabled
php_mysqli.dll	Enabled
php_openssl.dll	Enabled
php_pdo_mysql.dll	Enabled
php_pdo_sqlite.dll	Enabled
php_pdo_sqlsrv.dll	Enabled
php_soap.dll	Enabled
php_sqlsrv.dll	Enabled
php_tidy.dll	Enabled
php_xmlrpc.dll	Enabled
Disabled	
php_bz2.dll	Disabled
php_com_dotnet.dll	Disabled
php_enchant.dll	Disabled
php_fileinfo.dll	Disabled
php_gmp.dll	Disabled
php_interbase.dll	Disabled
php_ldap.dll	Disabled
php_oci8_12c.dll	Disabled
php_opcache.dll	Disabled

Verify TLS Support

By default **TLS 1.1** & **TLS 1.2** are **enabled on server 2012** & **server 2012r2**. So they should be available and working unless you've **turned** them off.

If you still have issues with TLS version, please consult the articles below from Microsoft:

[TLS Support Article Blog from Microsoft](#)

[TLS Support Article from Microsoft](#)

Manually Install Microsoft Drivers

Click to [Download the Microsoft Drivers for PHP for SQL Server](#)

Then, click located on the screenshot below



docs.microsoft.com/en-us/sql/connect/php/download-drivers-php-sql-server?view=sql-server-ver15

Microsoft | Docs | Documentation | Learn | Q&A | Code Samples

SQL Docs | Overview | Install | Secure | Develop | Administer | Analyze | Reference

Docs / SQL / Connect / PHP / Overview / Download

Version: SQL Server 2019

Filter by title

Programming to interact with SQL Server

Welcome to SQL Server >

SQL Server drivers

Driver feature support matrix

SQL Server driver history

SQL data developer

> ADO.NET

> JDBC

> Node.js

> ODBC

> OLE DB

> PHP

Microsoft Drivers for PHP for SQL Server

> Getting started

> Overview

Download

Installation on Linux and macOS

Release notes

System requirements

Support matrix

Download PDF

Download the Microsoft Drivers for PHP for SQL Server

01/29/2021 • 2 minutes to read

The Microsoft Drivers for PHP for SQL Server enable integration with SQL Server for PHP applications. The drivers are PHP extensions that allow the reading and writing of SQL Server data from within PHP scripts. The drivers provide interfaces for accessing data in Azure SQL Database and in all editions of SQL Server 2012 and later (including Express Editions). The drivers make use of PHP features, including PHP streams, to read and write large objects.

On Linux and macOS, the drivers for PHP are easily downloaded and installed using PECL. See the [Linux and macOS installation tutorial](#) for details. If you need to download and install the drivers for PHP on Linux and macOS manually, packages for those platforms can be found on the GitHub release tags.

Download

Microsoft Drivers 5.9 for PHP for SQL Server is the latest general availability (GA) version.

[Download Microsoft Drivers for PHP for SQL Server \(Windows\)](#)

[GitHub Release Tag v5.9.0 \(Linux and macOS packages are available here\)](#)

Version information

- Release number: 5.9.0
- Released: January 29, 2021

If you have feedback, the best way to contact the Microsoft Drivers for PHP for SQL Server team is by filing an issue on the [GitHub repository](#).

Release notes

Next, double click the downloaded file to unpack

Microsoft Drivers 5.9 for PHP for SQL Se...

Please read the following license agreement. Press the PAGE DOWN key to see the rest of the agreement.

MICROSOFT SOFTWARE LICENSE TERMS
MICROSOFT DRIVERS 5.9 FOR PHP FOR MICROSOFT SQL SERVER

These license terms are an agreement between you and Microsoft Corporation (or one of its affiliates). They apply to the software named above and any Microsoft services or software updates (except to the extent such services or updates are accompanied by new or additional terms, in which case those different terms apply prospectively and do not alter your or Microsoft's rights relating to pre-updated software or services). IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW. BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS.

1. INSTALLATION AND USE RIGHTS.

Do you accept all of the terms of the preceding License Agreement? If you choose No, Install will close. To install you must accept this agreement.

Yes No

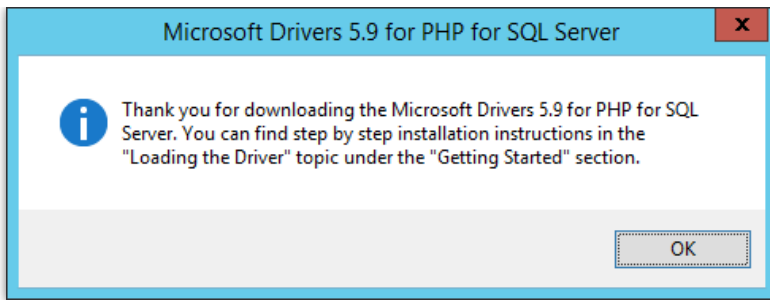
Microsoft Drivers 5.9 for PHP for SQL ...

Please type the location where you want to place the extracted files.

C:\bin\php\ext

Browse...

OK Cancel



Click to [Download the Microsoft ODBC Driver for SQL Server](#)

Then click [Download Microsoft ODBC Driver 17 for SQL Server \(x64\)](#)

Download ODBC Driver for SQL Server

01/29/2021 • 3 minutes to read • +4

Applies to: SQL Server (all supported versions) Azure SQL Database Azure SQL Managed Instance Azure Synapse Analytics Parallel Data Warehouse

Microsoft ODBC Driver for SQL Server is a single dynamic-link library (DLL) containing run-time support for applications using native-code APIs to connect to SQL Server. Use Microsoft ODBC Driver 17 for SQL Server to create new applications or enhance existing applications that need to take advantage of newer SQL Server features.

Download for Windows

The redistributable installer for Microsoft ODBC Driver 17 for SQL Server installs the client components, which are required during run time to take advantage of newer SQL Server features. It optionally installs the header files needed to develop an application that uses the ODBC API. Starting with version 17.4.2, the installer also includes and installs the Microsoft Active Directory Authentication Library (ADAL.dll).

Version 17.7.2 is the latest general availability (GA) version. If you have a previous version of Microsoft ODBC Driver 17 for SQL Server installed, installing 17.7.2 upgrades it to 17.7.2.

[Download Microsoft ODBC Driver 17 for SQL Server \(x64\)](#)

[Download Microsoft ODBC Driver 17 for SQL Server \(x86\)](#)

Then double click the downloaded file to install

HTTP Error 403

localhost/rpstripe/

HTTP Error 403.14 - Forbidden

The Web server is configured to not list the contents of this directory.

Most likely causes:

- A default document is not configured for the requested URL, and directory browsing is not enabled on the server.

Things you can try:

- If you do not want to enable directory browsing, ensure that a default document is configured and that the file exists.
- Enable directory browsing using IIS Manager.
 - Open IIS Manager.
 - In the Features view, double-click Directory Browsing.
 - On the Directory Browsing page, in the Actions pane, click Enable.
- Verify that the configuration/system.webServer/directoryBrowse@enabled attribute is set to true in the site or application configuration file.

Detailed Error Information:

Module	DirectoryListingModule	Requested URL	http://localhost:80/rpstripe/
Notification Handler	ExecuteRequestHandler	Physical Path	C:\inetpub\wwwroot\rpstripe\
Handler	StaticFile	Logon Method	Anonymous
Error Code	0x00000000	Logon User	Anonymous

More Information:
 This error occurs when a document is not specified in the URL, no default document is specified for the Web site or application, and directory listing is not enabled for the Web site or application. This setting may be disabled on purpose to secure the contents of the server. [View more information.](#)

Internet Information Services (IIS) Manager

RPBASEIMAGE > Sites > Default Web Site > RPStripe >

Directory Browsing

Use this feature to specify the information that displays in a directory listing.

- Time
- Size
- Extension
- Date
- Long date

Alerts

Directory browsing has been disabled.

Actions

Apply
Cancel
Enable
Help

HTTP Error 500.0 Internal Server Error

HTTP Error 500.0 - Internal Server Error

C:\bin\php\php-cgi.exe - The FastCGI process exited unexpectedly

Most likely causes:

- IIS received the request; however, an internal error occurred during the processing of the request. The root cause of this error depends on which module handles the request and what was happening in the worker process when this error occurred.
- IIS was not able to access the web.config file for the Web site or application. This can occur if the NTFS permissions are set incorrectly.
- IIS was not able to process configuration for the Web site or application.
- The authenticated user does not have permission to use this DLL.
- The request is mapped to a managed handler but the .NET Extensibility Feature is not installed.

Things you can try:

- Ensure that the NTFS permissions for the web.config file are correct and allow access to the Web server's machine account.
- Check the event logs to see if any additional information was logged.
- Verify the permissions for the DLL.
- Install the .NET Extensibility feature if the request is mapped to a managed handler.
- Create a tracing rule to track failed requests for this HTTP status code. For more information about creating a tracing rule for failed requests, click [here](#).

Detailed Error Information:

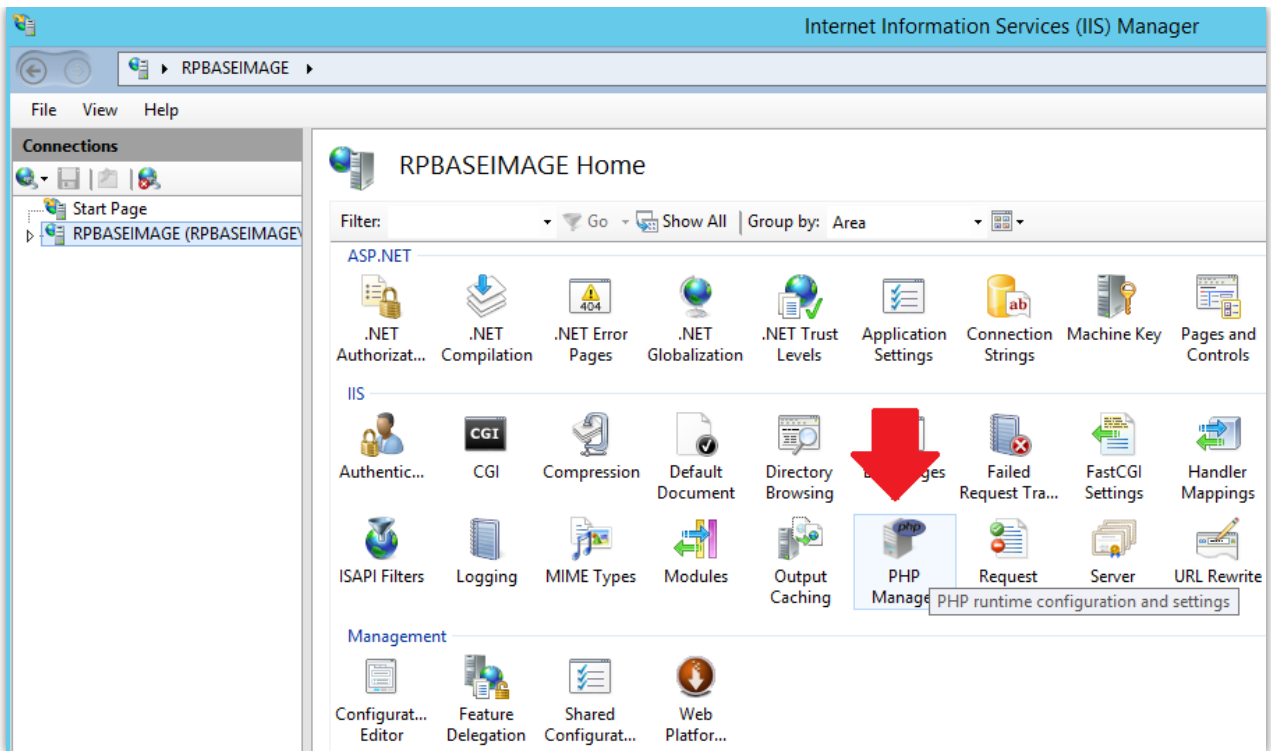
Module	FastCgiModule	Requested URL	http://localhost:80/RPStripe/inst.php
Notification Handler	ExecuteRequestHandler	Physical Path	C:\inetpub\wwwroot\RPStripe\inst.php
Handler	php-8.0.3	Logon Method	Anonymous
Error Code	0x80000000	Logon User	Anonymous

More Information:
 This error means that there was a problem while processing the request. The request was received by the Web server, but during processing a fatal error occurred, causing the 500 error. [View more information.](#)

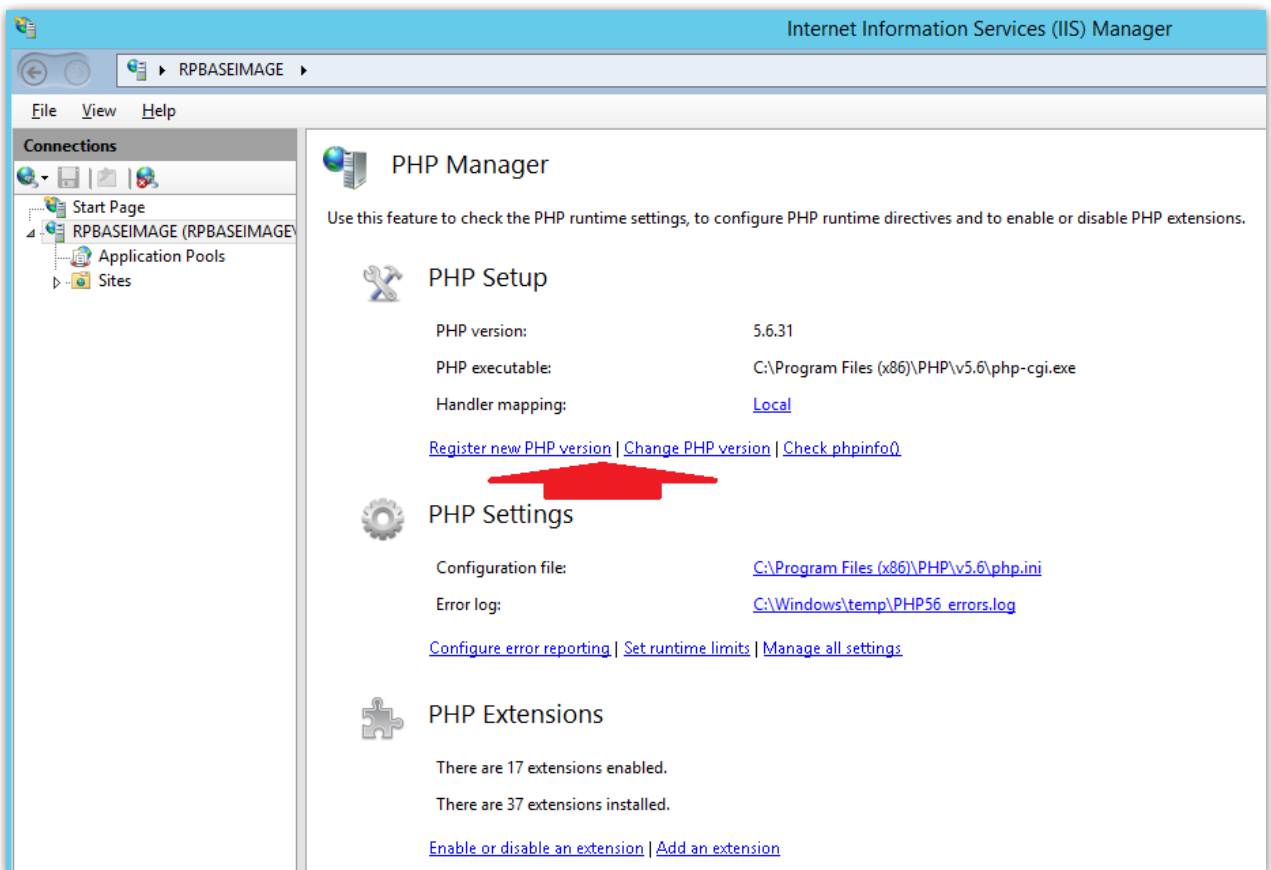
Microsoft Knowledge Base Articles:

- 294807

Open IIS Manager-->PHP Manager



Ensure PHP version is correct and pointing to the correct executable. Use the



Use the [Register new PHP version](#) | [Change PHP version](#) | [Check phpinfo\(\)](#) links provided to register/change PHP version used.

Checklist (contact support@rentp.com to review the list below if needed):

- Next ensure all PHP extensions are enabled per directions below. HTTP Error 500 will always occur if pdo_sqlsrv or sqlsrv are not enabled.
- Ensure you have read/write/execute permissions for user "RPStripe" (See Stripe Configuration section above)
<http://rentp.com/KnowledgebasePDFs/Rentalpoint%20Stripe%20Integration%20r5.pdf> Page 14 or use attached script
- The latest version of RPStripe uses stored procedure "WebGetInvoice" - ensure you have this procedure in the database. If not use the sql query under 'Update an Existing Stripe Installation' above to add it.
- In /StripeFolder/getinvoice.php , check line 41 has a call to WebGetInvoice
-

```
36 ...../* The connection to the db was successful, continue. */ @R1R3
37 @R1R3
38 ...../* The invoice that the user is attempting to pay is defined by a unique webcode. Ensure the webcode is a valid length. */ @R1R3
39 .....if (strlen($code) <= $STRIPE_WEBCODE_LEN) @R1R3
40 @R1R3
41 $query = "EXEC WebGetInvoice @webcode=?"; @R1R3
```

- PHP error log file usually located in C:\Windows\Temp\ - for example:
"C:\Windows\Temp\PHP56ForIISExpress_errors.log" - please verify the error log exists and resolve/report any issues reported within.

Also:

In the php.ini (you can find this under "c:\program files (x86)\php\{PHP Version}") change these settings:

55

```
log_errors = On
```

Then set *error_log* to *syslog* for the windows event log:

```
error_log = syslog
```

Or specify a location on disk such as:


```
error_log = C:\Windows\temp\php_errors.log
```

Make sure that the *error_log* or *log_error* values aren't being set elsewhere in the file.

PHP Extensions Not Enabled

localhost/RPStripe/inst.php?id=1

Stripe Settings [PHP Information](#)




Folders

#	Name	Value
1	WWW root	C:\inetpub\wwwroot
2	PHP ini	C:\Program Files (x86)\PHP\v5.6\php.ini

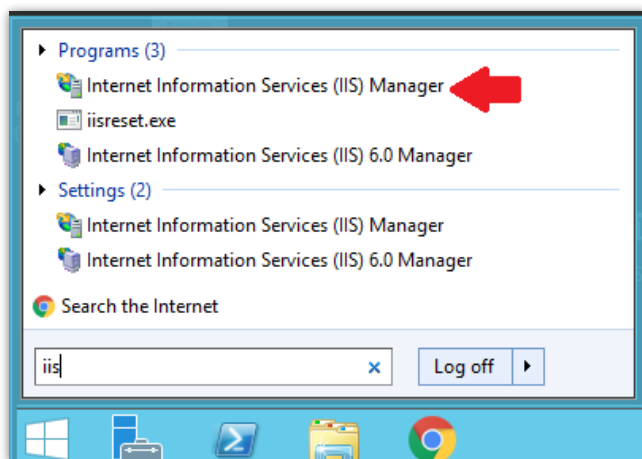
PHP Extensions

<input checked="" type="checkbox"/> openssl	<input checked="" type="checkbox"/> curl
<input checked="" type="checkbox"/> pdo_sqlsrv	<input checked="" type="checkbox"/> sqlsrv
Not enabled! <input type="checkbox"/> intl	<input checked="" type="checkbox"/> gettext




[Back to Stripe Settings](#)

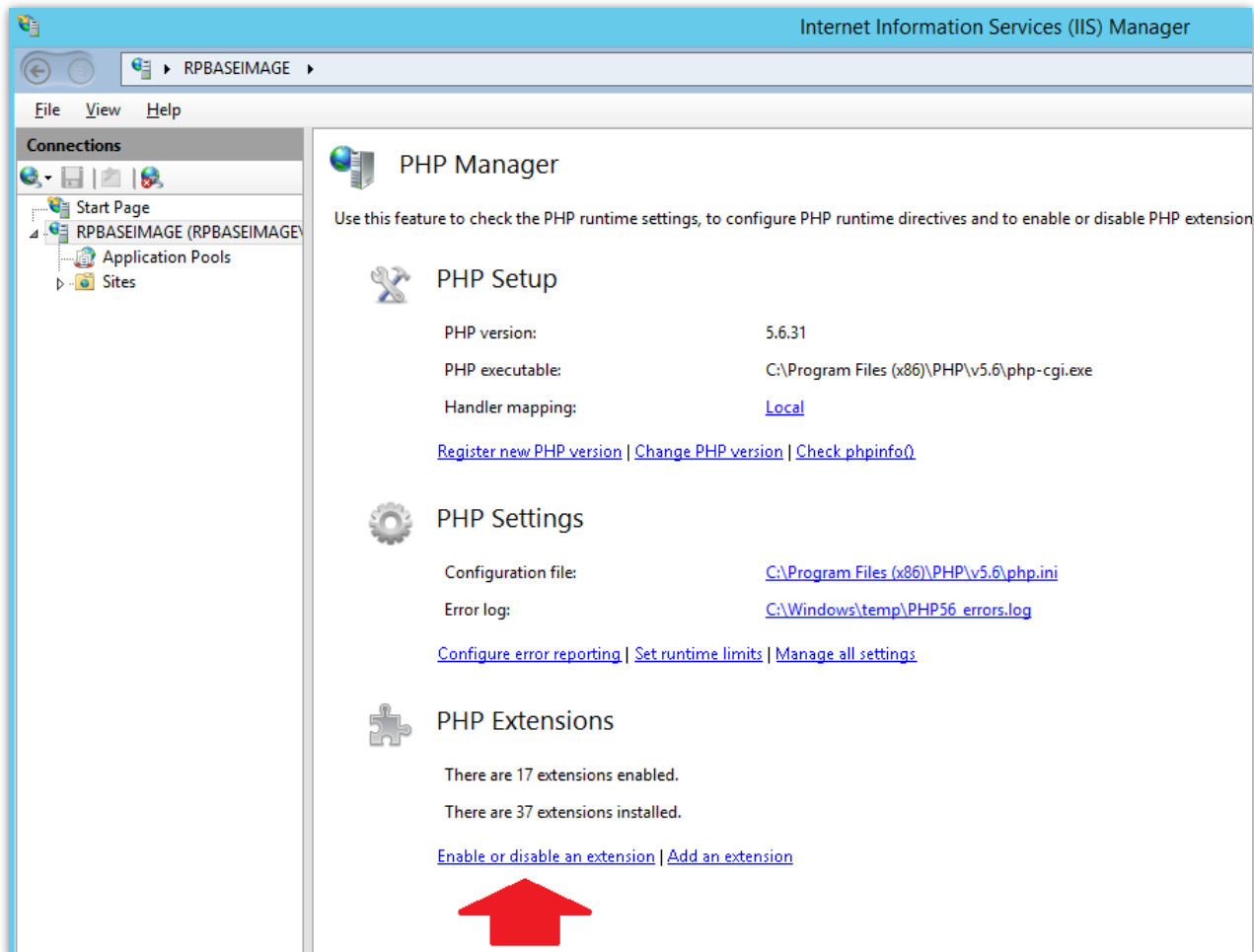
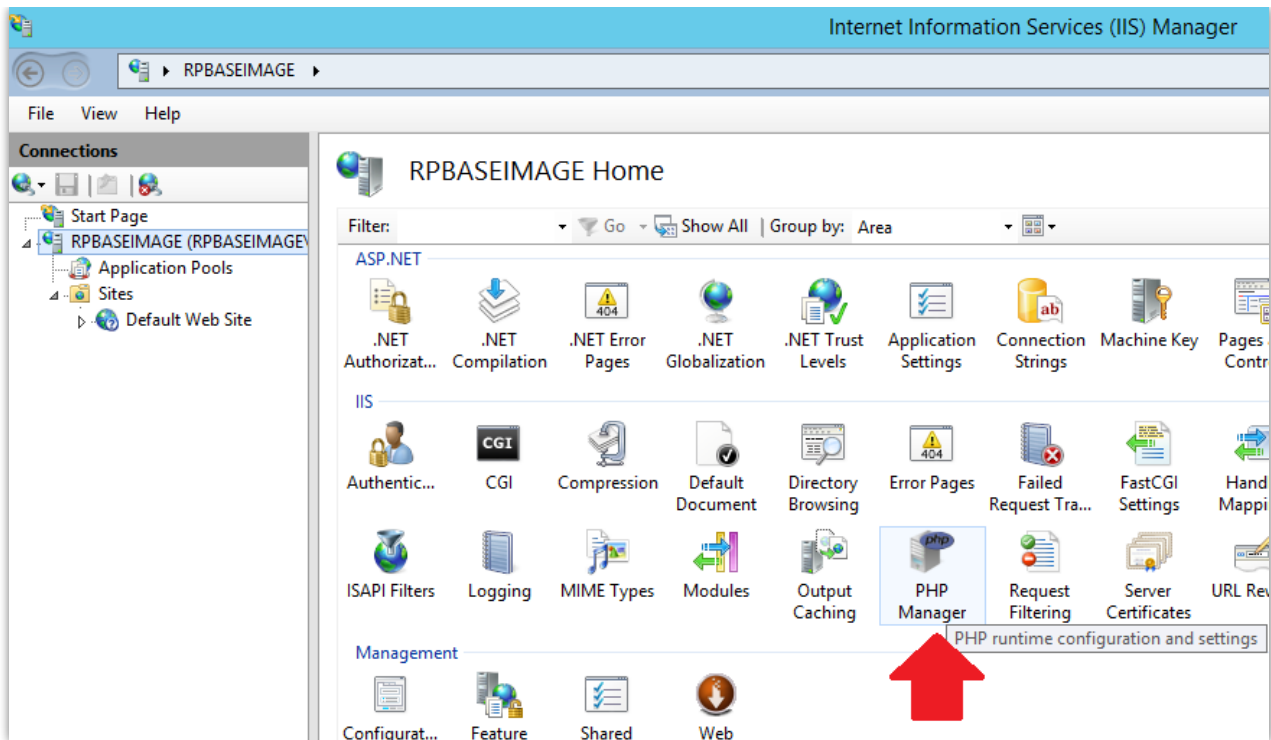
Open IIS Manager -> PHP manager




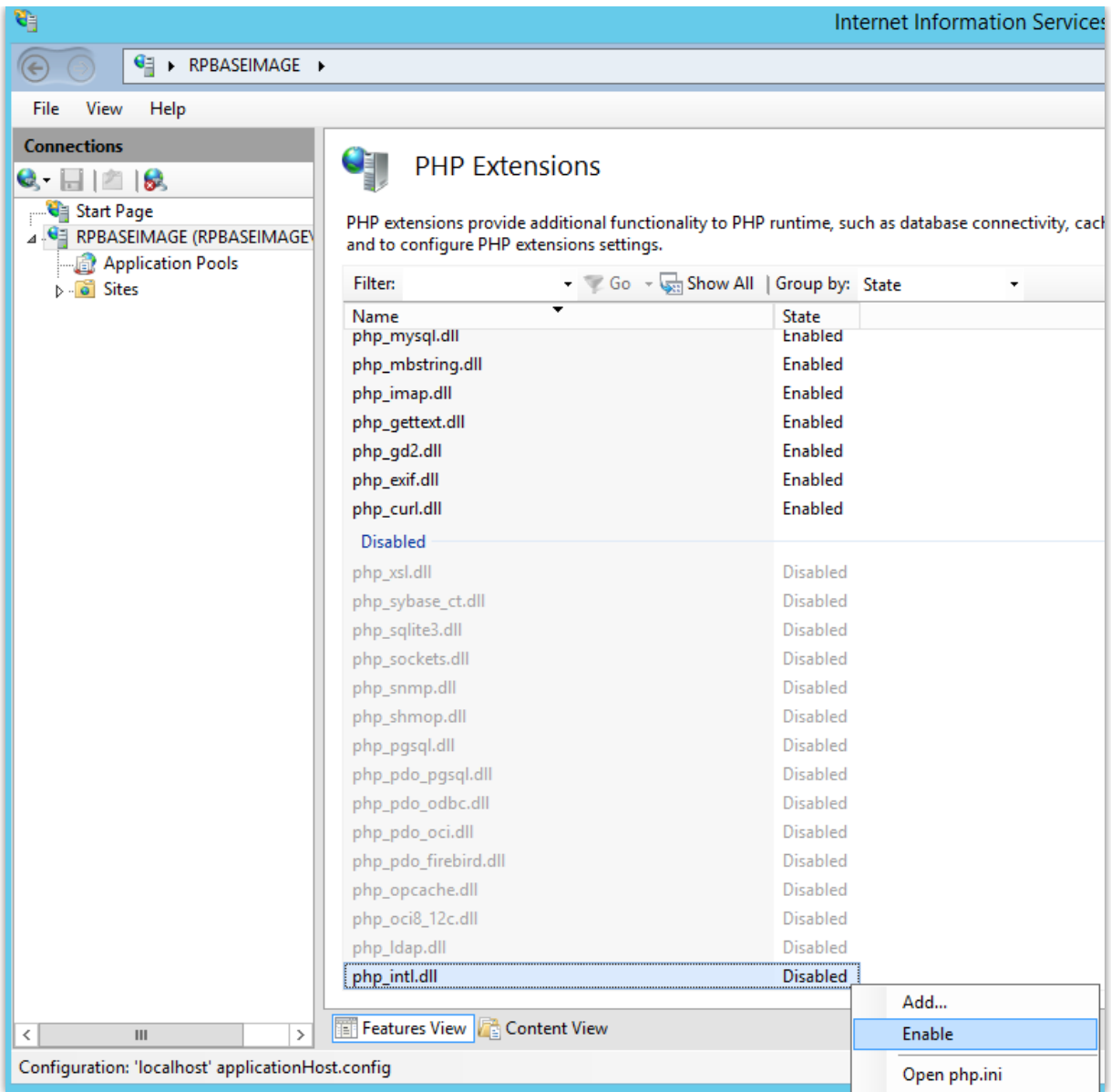
Search results for 'iis':

- Programs (3)
 - Internet Information Services (IIS) Manager 
 - iisreset.exe
 - Internet Information Services (IIS) 6.0 Manager
- Settings (2)
 - Internet Information Services (IIS) Manager
 - Internet Information Services (IIS) 6.0 Manager

Search the Internet: iis | Log off



Under  PHP Extensions click [Enable or disable an extension](#)



Ensure the following are enabled

Enabled	
php_curl.dll	Enabled
php_exif.dll	Enabled
php_gd2.dll	Enabled
php_gettext.dll	Enabled
php_imap.dll	Enabled
php_intl.dll	Enabled
php_mbstring.dll	Enabled
php_mysql.dll	Enabled
php_mysqli.dll	Enabled
php_openssl.dll	Enabled
php_pdo_mysql.dll	Enabled
php_pdo_sqlite.dll	Enabled
php_pdo_sqlsrv.dll	Enabled
php_soap.dll	Enabled
php_sqlsrv.dll	Enabled
php_tidy.dll	Enabled
php_xmlrpc.dll	Enabled
Disabled	
php_bz2.dll	Disabled
php_com_dotnet.dll	Disabled
php_enchant.dll	Disabled
php_fileinfo.dll	Disabled
php_gmp.dll	Disabled
php_interbase.dll	Disabled
php_ldap.dll	Disabled
php_oci8_12c.dll	Disabled
php_opcache.dll	Disabled

Now all show enabled

Stripe Settings PHP Information

Folders

#	Name	Value
1	WWW root	C:\inetpub\wwwroot
2	PHP ini	C:\Program Files (x86)\PHP\v5.6\php.ini

PHP Extensions

- openssl
- curl
- pdo_sqlsrv
- sqlsrv
- intl
- gettext

[Back to Stripe Settings](#)

Array_Key_Exists

“array_key_exists” is deprecated in PHP since version 7.4

Stripe has new library version without the "array_key_exists" call which can be downloaded at the link below

[Stripe PHP Release Downloads](#)

Undefined variable: SERV_URL

-> verify variable \$SERV_URL in config.php (last variable in file).

```
$inc_url = "https://www.mycompany.ca"; /* URL on receipt page. */
```

```
$SERV_URL = "https://payonline.ddns.net/"; /* root folder for stripe */
```

Success Page is Blank

In the file "success.php", replace http by https in the link outlined below:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional" "https://www.w3.org/TR/xhtml1/DTD/xhtml1-transi
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en" style="margin: 0;padding: 0;border: 0;"
<head>
  <title>Payment successful</title>

  <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
  <meta name="viewport" content="width=device-width">
  <meta name="robots" content="noindex, nofollow">
  <meta name="googlebot" content="noindex, nofollow, noarchive">

  <script src="alert/sweetalert2.all.min.js"></script>
  <link rel="stylesheet" href="alert/sweetalert2.min.css">

  <script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1/jquery.js"></script>
```

Change to https