

Continuum & PHP 5.6

UPGRADING FROM PHP 5.3

WISP / LAMP NOTES

WISP Platform

Where do I get the update from?

Windows binaries for PHP 5.6.x can be downloaded from <http://windows.php.net/download/> - it should be the non thread safe 32-bit version that is used (x86 Non Thread Safe).

What if I'm using WinCache?

PHP 5.6 includes it's own op caching, so if you use WinCache this will need to be uninstalled or commented out (using a semi-colon) in your PHP config.

How can I tell if I'm using WinCache?

This can be determined by visiting <http://{{your-site-URL}}/jadu/maintenance/phpinfo.php> in a browser whilst signed into the control centre, or by using `apache2ctl -M` from the command prompt. If you're using it then you'll see it listed there.

Do I need driver updates?

This depends upon your current set-up; if you don't already have it you'll need Microsoft ODBC Driver 11 installing and can then copy `php_sqlsrv_56_nts.dll` and `php_pdo_sqlsrv_56_nts.dll` into your PHP install's ext folder. With these in place you'll then need to update your `php.ini` to point at these in place of the PHP 5.3 equivalents.

LAMP Platform

In most cases this will mean you're using CentOS or Red Hat as these are the supported Linux distributions for the Continuum platform.

How do I do update PHP on CentOS/RHEL 6.x?

What you'll need to run will differ slightly depending on which distribution (CentOS vs. Red Hat) you're using. This is due to a difference in the repository URL that is used. The following will stop HTTPD, add the updated repository, remove the old PHP packages, and then install the new ones before starting HTTPD. If you have other modules installed these will need to be installed at this point also by adding them to the list.

CentOS

```
service httpd stop && yum install
https://centos6.iuscommunity.org/ius-release.rpm && yum remove
php-* libmemcached && yum install php56u-cgi php56u-zip php56u-xml
php56u-xmlrpc php56u-ldap php56u-mysql php56u-gd php56u-mbstring
php56u-mcrypt php56u-pecl-apc php56u-pecl-memcache php56u-opcache
php56u-pecl-memcached php56u-bcmath && service httpd start
```

Red Hat EL

```
service httpd stop && yum install
https://rhel6.iuscommunity.org/ius-release.rpm && yum remove php-*
libmemcached && yum install php56u-cgi php56u-zip php56u-xml
php56u-xmlrpc php56u-ldap php56u-mysql php56u-gd php56u-mbstring
php56u-mcrypt php56u-pecl-apc php56u-pecl-memcache php56u-opcache
php56u-pecl-memcached php56u-bcmath && service httpd start
```

You will then need to edit your php-wrapper file and remove the following lines:

```
PHP_SITE_OPTIONS_REGISTER_GLOBSALS="yes"

-d register_globals=${PHP_SITE_OPTIONS_REGISTER_GLOBSALS}

-d mbstring.internal_encoding=UTF-8
-d mbstring.http_input=auto
-d mbstring.http_output=UTF-8
```

General Notes

Does this require downtime?

Yes. On LAMP environments the Apache HTTPD service will be stopped whilst PHP is updated, and on WISP you may also need to stop IIS.

Will our configuration be kept intact?

It is recommended that you backup your php.ini file before the update so that you can compare modules, etc. afterwards to ensure no configuration options are lost.

Can Jadu do this for us?

Jadu can action this as a service