

## mod\_fastcgi + php-fpm + Apache 2 config

For usage in a fresh install of CentOS 6 VPS server.

1. Uninstall the default install of httpd.

```
yum remove httpd
```

2. Add EPEL, CentALT, Remi's PHP and RPMForge repo to the system (in order).

CentALT:-

```
x86: rpm -Uvh http://mirror.sysadminguide.net/centalt/repository/centos/6/i386/centalt-release-6-1.noarch.rpm
```

```
x64: rpm -Uvh http://mirror.sysadminguide.net/centalt/repository/centos/6/x86_64/centalt-release-6-1.noarch.rpm
```

EPEL:-

```
x86: rpm -Uvh https://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
```

```
x64: rpm -Uvh https://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
```

Remi:-

```
rpm -Uvh http://rpms.famillecollet.com/enterprise/remi-release-6.rpm
```

RPMForge:-

```
x86: rpm -Uvh http://pkgs.repoforge.org/rpmforge-release/rpmforge-release-0.5.3-1.el6.rf.i686.rpm
```

```
x64: rpm -Uvh http://pkgs.repoforge.org/rpmforge-release/rpmforge-release-0.5.3-1.el6.rf.x86_64.rpm
```

3. Install Apache, PHP, php-fpm, mod\_ssl and mod\_fastcgi too.

```
yum --enablerepo=remi,remi-php55 install httpd php php-fpm php-common php-cli php-pear php-pdo php-mysqlnd php-pgsql php-pecl-mongo php-pecl-zendopcache php-sqlite php-gd php-mbstring php-mcrypt php-xml mod_ssl mod_fastcgi
```

Do not forget to make Apache and php-fpm daemon starts up every VPS startup.

```
chkconfig --levels 235 httpd on
```

```
chkconfig --levels 235 php-fpm on
```

### 4. Configure Apache to use mod\_fastcgi.

- Remove php.conf from /etc/httpd/conf.d folder (backup it?).
- Open '/etc/httpd/conf.d/fastcgi.conf' file, then:-
- Change the 'FastCgiWrapper On' line to 'FastCgiWrapper Off'
- Add the code block below:-

```
DirectoryIndex index.html index.shtml index.cgi index.php
AddHandler php5-fcgi .php
Action php5-fcgi /php5-fcgi
Alias /php5-fcgi /usr/lib/cgi-bin/php5-fcgi
FastCgiExternalServer /usr/lib/cgi-bin/php5-fcgi -host 127.0.0.1:9000 -pass-
header Authorization
```

at the end of the configuration file.

- Do not forget to create the '/usr/lib/cgi-bin/' folder with the command below:-

```
mkdir /usr/lib/cgi-bin/
```

### 5. Change mod\_fastcgi permission to match Apache's.

```
chown -R apache:apache /var/run/mod_fastcgi
```

### 6. Start php-fpm

```
service php-fpm start
```

### 7. Start Apache.

```
service httpd start
```

addendum: To change Apache to use worker MPM instead of the default prefork MPM:-

- open /etc/sysconfig/httpd file.

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– uncomment the 'HTTPD=/usr/sbin/httpd.worker' line.

– restart Apache.

FIN

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