

SYSTMBX - How To Configure Lighttpd With PHP And MySQL Support On CentOS 6

Written by Christian Foronda

Wednesday, 20 July 2011 13:30 - Last Updated Wednesday, 20 July 2011 14:27

This tutorial is tested on a bare installation of CentOS 6.

Install wget:

```
# yum install wget
```

Install RPMforge repository:

```
# wget -c
http://pkgs.repoforge.org/rpmforge-release/rpmforge-release-0.5.2-2.el6.rf.x86_64.rpm # rpm
-ivh rpmforge-release-0.5.2-2.el6.rf.x86_64.rpm
```

Temporarily disable SELinux:

```
# echo 0 > /selinux/enforce
```

Add port 80 on iptables:

Default rules:

```
# iptables -L -n Chain INPUT (policy ACCEPT) target prot opt source destination
ACCEPT all -- 0.0.0.0/0 0.0.0.0/0 state RELATED,ESTABLISHED ACCEPT icmp --
0.0.0.0/0 0.0.0.0/0 ACCEPT all -- 0.0.0.0/0 0.0.0.0/0 ACCEPT tcp --
0.0.0.0/0 0.0.0.0/0 state NEW tcp dpt:22 REJECT all -- 0.0.0.0/0 0.0.0.0/0
reject-with icmp-host-prohibited Chain FORWARD (policy ACCEPT) target prot opt source
destination REJECT all -- 0.0.0.0/0 0.0.0.0/0 reject-with icmp-host-prohibited
Chain OUTPUT (policy ACCEPT) target prot opt source destination
```

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```
# iptables -I INPUT 5 -m state --state NEW -m tcp -p tcp --dport 80 -j ACCEPT # iptables-save
> /etc/sysconfig/iptables
```

Note: All rules should be input above any reject rules.

```
# iptables -L -n Chain INPUT (policy ACCEPT) target prot opt source destination
ACCEPT all -- 0.0.0.0/0 0.0.0.0/0 state RELATED,ESTABLISHED ACCEPT icmp --
0.0.0.0/0 0.0.0.0/0 ACCEPT all -- 0.0.0.0/0 0.0.0.0/0 ACCEPT tcp --
0.0.0.0/0 0.0.0.0/0 state NEW tcp dpt:22 ACCEPT tcp -- 0.0.0.0/0 0.0.0.0/0
state NEW tcp dpt:80 REJECT all -- 0.0.0.0/0 0.0.0.0/0 reject-with
icmp-host-prohibited Chain FORWARD (policy ACCEPT) target prot opt source
destination REJECT all -- 0.0.0.0/0 0.0.0.0/0 reject-with icmp-host-prohibited
Chain OUTPUT (policy ACCEPT) target prot opt source destination
```

Install Lighttpd:

```
# yum install lighttpd
```

Install FastCGI and MySQL support:

```
# yum install lighttpd-fastcgi php-cli php-mysql
```

Enable FastCGI:

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```
# vi /etc/lighttpd/modules.conf
```

Uncomment the line 132:

```
include "conf.d/fastcgi.conf"
```

Configure FastCGI:

```
# mkdir /var/run/lighttpd # chown lighttpd.lighttpd /var/run/lighttpd # vi  
/etc/lighttpd/conf.d/fastcgi.conf
```

At the end of the file, append the following:

```
fastcgi.server = ( ".php" =>          ( "localhost" =>          (
"socket" => "/var/run/lighttpd/php-fastcgi.socket",          "bin-path" =>
"/usr/bin/php-cgi",          "max-procs" => 5,          "bin-environment" => (
          "PHP_FCGI_CHILDREN" => "16",
"PHP_FCGI_MAX_REQUESTS" => "10000" ),          "broken-scriptfilename" =>
"enable"          )          )          )
```

Start lighttpd:

```
# /etc/init.d/lighttpd start
```

Add lighttpd to your startup:

