

# Apache

## Proste konfiguracje

### Sprawdzenie konfiguracji

```
/etc/init.d/httpd configtest
```

```
lub
```

```
apache2ctl configtest
```

### Vhost SSL

```
<VirtualHost *:443>

...

SSLEngine on
SSLCertificateFile /etc/ssl/server.crt
SSLCertificateKeyFile /etc/ssl/server.key
SSLCACertificateFile /etc/ssl/ca.crt

...

</VirtualHost>
```

## PHP via FCGID + SuEXEC

### Konfiguracja Apache

```
<VirtualHost *:80>

    SuexecUserGroup kamil users

    ErrorLog /home/services/httpd/users/kamil/test.com.pl/error.log
    TransferLog /home//services/httpd/users/kamil/test.com.pl/access.log

    <Directory /home/services/httpd/users/kamil/test.com.pl/htdocs>
        Options ExecCGI Indexes Includes FollowSymLinks MultiViews
        AllowOverride All
        Order allow,deny
        Allow from all
        AddHandler fcgid-script .php
        FCGIWrapper
```

```
/home/services/httpd/users/kamil/test.com.pl/fcgid/php.fcgi .php
</Directory>

ServerAdmin kamil@test.com.pl
DocumentRoot /home/services/httpd/users/kamil/test.com.pl/htdocs

ServerName test.com.pl

</VirtualHost>
```

## Struktura katalogów

```
chown -R kamil:http /home/services/httpd/users/kamil
chmod -R 710 /home/services/httpd/users/kamil
chown kamil:http /home/services/httpd/users/kamil/test.com.pl/{htdocs,tmp}
chmod -R 750 /home/services/httpd/users/kamil/test.com.pl/{htdocs,tmp}
chown kamil:users /home/services/httpd/users/kamil/test.com.pl/fcgid
chmod -R 711 /home/services/httpd/users/kamil/test.com.pl/fcgid
```

Plik /home/services/httpd/users/kamil/test.com.pl/fcgid/php.fcgi:

```
#!/bin/sh

export PHP_FCGI_CHILDREN=4
export PHP_FCGI_MAX_REQUESTS=500
exec /usr/bin/php.fcgi $@
```

Uprawnienia:

```
chmod 700 /home/services/httpd/users/kamil/test.com.pl/fcgid/php.fcgi
chown kamil:users
/home/services/httpd/users/kamil/test.com.pl/fcgid/php.fcgi
```

## Restartujemy Apache i sprawdzamy

```
/etc/init.d/httpd start
Uruchamianie usługi Apache 2.2 Web Server (prefork).....[
ZROBIONE ]
ps aux | grep httpd
root      2508  0.0  0.7   7988   3936 ?        Sns   15:28   0:00
/usr/sbin/httpd.prefork
http      2512  0.0  0.4   7924   2276 ?        SN    15:28   0:00
/usr/sbin/httpd.prefork
http      2513  0.0  0.4   7988   2252 ?        SN    15:28   0:00
/usr/sbin/httpd.prefork
http      2514  0.0  0.5   8192   2940 ?        SN    15:28   0:00
/usr/sbin/httpd.prefork
http      2515  0.0  0.4   7988   2240 ?        SN    15:28   0:00
```

```
/usr/sbin/httpd.prefork
http      2516  0.0  0.5   8120  2756 ?          SN   15:28   0:00
/usr/sbin/httpd.prefork
http      2517  0.0  0.5   8120  2844 ?          SN   15:28   0:00
/usr/sbin/httpd.prefork
http      2518  0.0  0.4   7988  2240 ?          SN   15:28   0:00
/usr/sbin/httpd.prefork
http      2519  0.0  0.4   7988  2240 ?          SN   15:28   0:00
/usr/sbin/httpd.prefork
http      2520  0.0  0.4   7988  2240 ?          SN   15:28   0:00
/usr/sbin/httpd.prefork
root      2568  0.0  0.1   2808   844 pts/0    S+   15:53   0:00 grep httpd
[root@pld_fcgid /]# pstree -up 2508
httpd.prefork(2508) --+-- httpd.prefork(2512,http) --- php.fcgi(2526,kamil) --+
php.fcgi(2527)
                        |
php.fcgi(2528)          |
                        |
php.fcgi(2529)          |
                        |
php.fcgi(2530)          |
                        | - httpd.prefork(2513,http)
                        | - httpd.prefork(2514,http)
                        | - httpd.prefork(2515,http)
                        | - httpd.prefork(2516,http)
                        | - httpd.prefork(2517,http)
                        | - httpd.prefork(2518,http)
                        | - httpd.prefork(2519,http)
                        ` - httpd.prefork(2520,http)
```

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