

# SPOS 2016 V.

Wednesday 17 February 2016

## 5.cviceni

```
apt-get install apache2
```

```
a2enmod | a2dismod
```

```
a2ensite | a2dissite
```

```
user: www-data / httpd
```

```
service apache2 reload
```

```
/etc/apache2/sites-*
```

```
/etc/apache2/mods-*
```

```
/etc/apache/ports.conf
```

```
apachectl -t | apachectl -S
```

```
/var/www/
```

```
/var/log/apache2/*access.log
```

```
/var/log/apache2/*error.log
```

```
<VirtualHost *:80>
```

```
ServerAdmin admin@jindra.spos
```

```
ServerName www.jindra.spos
```

```
ServerAlias web.jindra.spos
```

```
DocumentRoot /var/www/www.jindra.spos
```

```
Redirect / https://www.jindra.spos/
```

```
Alias /pma /usr/share/phpmyadmin
```

```
<Directory />
```

```
Options FollowSymLinks
```

```
    AllowOverride None
</Directory>
```

```
ProxyPass /app1 http://localhost:3333/
ProxyPassReverse /app1 http://localhost:3333/
```

```
<Directory /var/www/>
    Options Indexes FollowSymLinks MultiViews
    AllowOverride All
    Order allow,deny
    allow from all
</Directory>
```

```
<Location /wsNS_1.0>
    AuthType Basic
    AuthName "Restricted Access"
    AuthUserFile /etc/apache2/.htpasswd
    Require user app_user1
</Location>
```

```
# Possible values include: debug, info, notice, warn, error, crit,
# alert, emerg.
LogLevel warn
```

```
CustomLog ${APACHE_LOG_DIR}/www.jindra.spos.access.log combined
ErrorLog ${APACHE_LOG_DIR}/www.jindra.spos.error.log
```

```
</VirtualHost>
```

PHP5/7:

```
apt-get install libapache2-mod-php5
```

```
/etc/php5/apache2
/etc/php5/cli
```

```
upload_max_filesize = 16M
memory_limit = 128M
max_input_time = 60
post_max_size = 16M
```

```
max_execution_time = 30
```

```
open_basedir = ...
```

```
disable_functions = ...
```

```
disable_classes = ...
```

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

```
php_admin_flag safe_mode On
```

```
php_admin_value open_basedir /var/www/www.jindra.spos
```

```
php_admin_value upload_tmp_dir /storage/www/legner.cz/phptmp/
```

```
php_admin_value session.save_path /storage/www/legner.cz/phptmp/
```

! <http://jindra.spos/index.php?page=/etc/passwd>

```
<?php  
    $page = $_GET['page'];  
    $xfile = fopen($page, "r") or die("Unable to open file!");  
    echo fgets($xfile);  
    fclose($xfile);  
?>
```

SSL/HTTPS:

Selfsigned:

```
openssl genrsa -des3 -out server.key 1024
```

```
openssl req -new -key server.key -out server.csr
```

```
cp server.key server.key.org
```

```
openssl rsa -in server.key.org -out server.key
```

```
openssl x509 -req -days 365 -in server.csr -signkey server.key -out server.crt
```

LetsEncrypt:

```
git clone https://github.com/letsencrypt/letsencrypt
```

```
cd letsencrypt
```

```
./letsencrypt certonly --standalone -d domain1.com -d www.domain2.com
```