OpenVPN

Wstęp

Poradnik jak skonfigurować OpenVPN'a, aby móc się logować za pomocą nazwy użytkownika i hasła oraz zarządzać nim z poziomu prostego panelu dostępnego po http. Panel jest napisany w PHPie i bazuje na bazie danych MySQL.

Instalacja

Instalujemy OpenVPN, Nginx + PHP:

```
aptitude install openvpn nginx php-auth php-auth-http php-auth-sasl php-db
php-doc php-file php-fpdf php-gettext php-html-template-it php-http php-
http-request php-http-upload php-image-text php-log php-mail php-mail-mime
php-mail-mimedecode php-mime-type php-net-checkip php-net-ftp php-net-imap
php-net-ipv4 php-net-ipv6 php-net-smtp php-net-socket php-net-url php-net-
url2 php-pear php-soap php-timer php-xml-parser php5 php5-cgi php5-cli php5-
curl php5-fpm php5-gd php5-geoip php5-gmp php5-imagick php5-imap php5-intl
php5-mcrypt php5-mysql php5-rrd php5-sasl php5-xcache php5-xsl mysql-server
mysql-client
```

Tworzymy katalog i kopiujemy do niego zawartość archiwum panelu:

```
mkdir -p /usr/share/nginx/o/
cd /usr/share/nginx/o/
wget http://kamil.orchia.pl/tmp/simple_openvpn_panel.7z
7z x simple_openvpn_panel.7z
rm simple_openvpn_panel.7z
```

Konfiguracja

OpenVPN:

```
cd /usr/share/doc/openvpn/examples/easy-rsa/2.0
source ./vars
./clean-all
./build-ca
./build-key-server server
./build-dh
mkdir /etc/openvpn/server
cp ./keys/{ca.crt,dh1024.pem,server.crt,server.key} /etc/openvpn/server/
nano /etc/openvpn/server/server.conf
```

MySQL:

```
cd /usr/share/nginx/o/
mysql -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 43
Server version: 5.5.44-0+deb7u1 (Debian)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input
statement.

mysql> CREATE USER 'openvpn'@'localhost' IDENTIFIED BY 'tajnepass';
Query OK, 0 rows affected (0.00 sec)

mysql> CREATE DATABASE openvpn;
Query OK, 1 row affected (0.00 sec)

mysql> GRANT ALL PRIVILEGES ON openvpn.* TO openvpn@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

mysql> use openvpn;
Database changed
mysql> source ./initdb.sql;
Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.11 sec)

Query OK, 0 rows affected (0.08 sec)

Query OK, 0 rows affected (0.07 sec)

Query OK, 0 rows affected (0.08 sec)

Query OK, 0 rows affected (0.32 sec)
Records: 0  Duplicates: 0  Warnings: 0

Query OK, 0 rows affected (0.22 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
Query OK, 0 rows affected, 1 warning (0.09 sec)

mysql> \q
Bye
```

Nginx:

```
location /o/ {
        alias /usr/share/nginx/o/public/;
        allow 1.2.3.0/16;
        deny all;
        auth_basic "Restricted!";
        auth_basic_user_file /etc/nginx/htpasswd;
        index index.php;
        #try_files $uri /o/index.php;
        location ~ \.php$ {
                fastcgi_split_path_info ^(.+\.php)(/.+)$;
                fastcgi_pass unix:/var/run/php5-fpm.sock;
                fastcgi_index index.php;
                include fastcgi_params;
        }
}
```

Przy generowaniu htpasswd pomoże nam link: http://kamil.orchia.pl/php/nginx.php

From:
https://kamil.kbejt.pl/ - **kamil.orchia.pl**

Permanent link:
https://kamil.kbejt.pl/doku.php?id=openvpn_-_u%C5%BCytkownicy_i_prosty_panel&rev=1443513175

Last update: **2025/01/11 18:57**