

# Cacti 0.8.8h + Weathermap 0.98

## Wstęp

Instalujemy Debiana w wersji 8 (chodzi o obsługę PHP 5.x) - wersję minimum z SSH. Doinstalowujemy pakiety:

```
aptitude install nginx php5-fpm php5-mysql mysql-server mysql-client bzip2
unzip p7zip-full mc libphp-adodb php5-cli php5-snmp rrdtool snmp ucf
iputils-ping
```

## Nginx

Edytujemy plik: /etc/nginx/sites-enabled/default i ustawiamy w nim:

```
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    root /var/www/html;
    index index.php;
    server_name _;

    location / {
        try_files $uri $uri/ =404;
    }

    location ~ \.php$ {
        include snippets/fastcgi-php.conf;
        fastcgi_pass unix:/var/run/php5-fpm.sock;
    }
}
```

Reload konfiguracji:

```
/etc/init.d/nginx reload
```

## MySQL

```
root@cacti:~# mysql -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 86
Server version: 5.5.62-0+deb8u1 (Debian)

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```

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

```
mysql> CREATE USER 'cacti'@'localhost' IDENTIFIED BY 'cacti4321';
Query OK, 0 rows affected (0.00 sec)
```

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

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

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

```
mysql> \q
Bye
```

## Aplikacja

```
cd /var/www/
wget
https://github.com/howardjones/network-weathermap/releases/download/version-
0.98/php-weathermap-0.98.zip
wget https://www.cacti.net/downloads/cacti-0.8.8h.tar.gz
unzip ./php-weathermap-0.98.zip
tar xzf ./cacti-0.8.8h.tar.gz
mv ./cacti-0.8.8h/* ./html
rm ./cacti-0.8.8h
mv ./weathermap ./html/plugins/
rm cacti-0.8.8h.tar.gz
rm php-weathermap-0.98.zip
cd html
mysql -u cacti -p cacti < ./cacti.sql
```

Edytujemy plik /var/www/html/include/config.php. Przechodzimy do strony <http://naszeip/>

## Gotowy obraz VM

Informacje:

Obraz został stworzony pod kontrolą Proxmoxa w formacie qcow2 - po rozpakowaniu będzie zajmował 32GB!

Link do pobrania

DHCP Client jest włączony

SSH:

devel/pld

root/pld

MySQL:

root/pld

cacti/cacti4321

Cacti:

http://ip/

admin/admin0987654321

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