### Инсталация на Web server NGinx

Използвано Howto: <https://www.journaldev.com/25670/install-wordpress-nginx-ubuntu>

**Обновяване на информация за пакетите**

**# sudo apt update**

Hit:1 http://bg.archive.ubuntu.com/ubuntu focal InRelease

Hit:2 http://bg.archive.ubuntu.com/ubuntu focal-updates InRelease

Hit:3 http://bg.archive.ubuntu.com/ubuntu focal-backports InRelease

Hit:4 http://bg.archive.ubuntu.com/ubuntu focal-security InRelease

Hit:5 https://download.docker.com/linux/ubuntu focal InRelease

Reading package lists... Done

Building dependency tree

Reading state information... Done

68 packages can be upgraded. Run 'apt list --upgradable' to see them.

**Инсталиране на NGINX Web Server**

**# apt-get install nginx**

**Конфигуриране за стартиране на сървъра при начално зареждане.**

**# systemctl status nginx**

● nginx.service - A high-performance web server and a reverse proxy server

Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)

Active: active (running) since Tue 2019-02-12 09:12:08 UTC; 11s ago

Docs: man:nginx(8)

Process: 17726 ExecStart=/usr/sbin/nginx -g daemon on; master\_process on; (code=exited, status=0/SUCCESS)

Process: 17714 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master\_process on; (code=exited, status=0/SUCCESS)

Main PID: 17729 (nginx)

Tasks: 2 (limit: 1152)

CGroup: /system.slice/nginx.service

├─17729 nginx: master process /usr/sbin/nginx -g daemon on; master\_process on;

└─17732 nginx: worker process

**Инсталиране на MySQL(MariaDB) база данни.**

# apt-get install mariadb-server

# systemctl enable mariadb.service

# mysql\_secure\_installation

**Настройка на парола за привилигирования потребител root.**

$ mysql -u root -p

MariaDB [(none)]> use mysql;

MariaDB [mysql]> update user SET PASSWORD=PASSWORD("P@ssp0rt") WHERE USER='root';

**Инсталиране на притурката PHP към NGINX.**

# apt-get install php7.2 php7.2-cli php7.2-fpm php7.2-mysql php7.2-json php7.2-opcache php7.2-mbstring php7.2-xml php7.2-gd php7.2-curl

**Създаване на база данни за Wordpress**

$ mysql -u root -p

Enter password:

MariaDB [mysql]> CREATE DATABASE wordpress\_db;

Query OK, 1 row affected (0.00 sec)

MariaDB [mysql]> GRANT ALL ON wordpress\_db.\* TO 'wpuser'@'localhost' IDENTIFIED BY 'Passw0rd!' WITH GRANT OPTION;

Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> FLUSH PRIVILEGES;

Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> exit

**Създаване на директория за съхранение на файловете на Wordpress**

# mkdir -p /var/www/html/wordpress/public\_html

**Конфигурация на NGINX за ползване на Wordpress**

# cd /etc/nginx/sites-available

# cat wordpress.conf

server {

listen 80;

root /var/www/html/wordpress/public\_html;

index index.php index.html;

server\_name 12d.3eh.eu;

access\_log /var/log/nginx/12d.access.log;

error\_log /var/log/nginx/12d.error.log;

location / {

try\_files $uri $uri/ =404;

}

location ~ \.php$ {

include snippets/fastcgi-php.conf;

fastcgi\_pass unix:/run/php/php7.2-fpm.sock;

}

location ~ /\.ht {

deny all;

}

location = /favicon.ico {

log\_not\_found off;

access\_log off;

}

location = /robots.txt {

allow all;

log\_not\_found off;

access\_log off;

}

location ~\* \.(js|css|png|jpg|jpeg|gif|ico)$ {

expires max;

log\_not\_found off;

}

}

**Проверка за коректна конфигурация на nginx**

# nginx -t

nginx: the configuration file /etc/nginx/nginx.conf syntax is ok

nginx: configuration file /etc/nginx/nginx.conf test is successful

**Активиране на NGINX**

# cd /etc/nginx/sites-enabled

# ln -s ../sites-available/wordpress.conf .

# systemctl reload nginx

**Сваляне на Wordpress и конфгурация**

# cd /var/www/html/wordpress/public\_html

# wget https://wordpress.org/latest.tar.gz

# tar -zxvf latest.tar.gz

# mv wordpress/\* .

# rm -rf wordpress

# cd /var/www/html/wordpress/public\_html

# chown -R www-data:www-data \*

# chmod -R 755 \*

**Настройка за достъпа до базата данни**

# cd /var/www/html/wordpress/public\_html

# mv wp-config-sample.php wp-config.php

# vi wp-config.php

...

...

define('DB\_NAME', 'wordpress\_db');

define('DB\_USER', 'wpuser');

define('DB\_PASSWORD', P@ssp0rt');

...

...