

Install WordPress di Ubuntu

Instalasi paket

```
sudo apt update
sudo apt install -y php-curl php-gd php-intl php-mbstring php-soap php-xml \
  php-xmllrpc php-zip php-mysql php-fpm apache2
```

Buat user untuk wordpress

```
sudo adduser wpuser
chmod 755 /home/wpuser
```

Konfigurasi php-fpm : /etc/php/7.4/fpm/pool.d/www.conf

```
user = wpuser
group = wpuser
listen = /run/php/php7.4-fpm.sock
listen.owner = wpuser
listen.group = wpuser
pm = dynamic
pm.max_children = 50
pm.start_servers = 2
pm.min_spare_servers = 1
pm.max_spare_servers = 3
```

Aktifkan module rewrite untuk apache2:

```
a2enmod rewrite
```

Aktifkan module proxy & event

```
a2enmod proxy_fcgi setenvif
a2dismod php7.4 mpm_prefork
a2enmod mpm_event
sudo apachectl -V | grep MPM
```

Optimasi modul event:

```
cd /etc/apache2/mods-enabled/
nano mpm_event.conf

<IfModule mpm_event_module>
    KeepAlive On
    KeepAliveTimeout 5
    MaxKeepAliveRequests 128

    StartServers                2
```

```
    MinSpareThreads      25
    MaxSpareThreads      75
    ThreadLimit          64
    ThreadsPerChild      25
    MaxRequestWorkers    150
    MaxConnectionsPerChild 0
</IfModule>
```

Konfigurasi Apache2 security : /etc/apache2/conf-enabled/security.conf

```
ServerTokens Prod
ServerSignature Off
TraceEnable Off
#Header set X-Content-Type-Options: "nosniff"
#Header set X-Frame-Options: "sameorigin"
```

Konfigurasi Apache2 : /etc/apache2/sites-enabled/000-default.conf

```
<VirtualHost *:80>

    #ServerName www.example.com

    ServerAdmin webmaster@localhost
    DocumentRoot /home/wpuser/public_html

    <FilesMatch \.php$>
        SetHandler "proxy:unix:/run/php/php7.4-
fpm.sock|fcgi://localhost/"
    </FilesMatch>

    <Directory /home/wpuser/public_html/>
        Options Indexes FollowSymLinks
        AllowOverride All
        Require all granted
    </Directory>

    #LogLevel info ssl:warn

    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined

    #Include conf-available/serve-cgi-bin.conf
</VirtualHost>
```

Sesuaikan user apache2 : /etc/apache2/envvars

```
export APACHE_RUN_USER=wpuser
export APACHE_RUN_GROUP=wpuser
```

Restart apache2 dan php-fpm:

```
sudo apachectl configtest
sudo systemctl restart apache2
sudo systemctl restart php7.4-fpm
```

Instalasi Wordpress

```
sudo su - wpuser
curl -LO https://wordpress.org/latest.tar.gz
tar -xvzf latest.tar.gz
mv wordpress public_html
cd public_html/
cp wp-config-sample.php wp-config.php
```

Sesuaikan konfigurasi database: wp-config.php

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