

# **Laporan Pemrosesan Paralel Wordpress**



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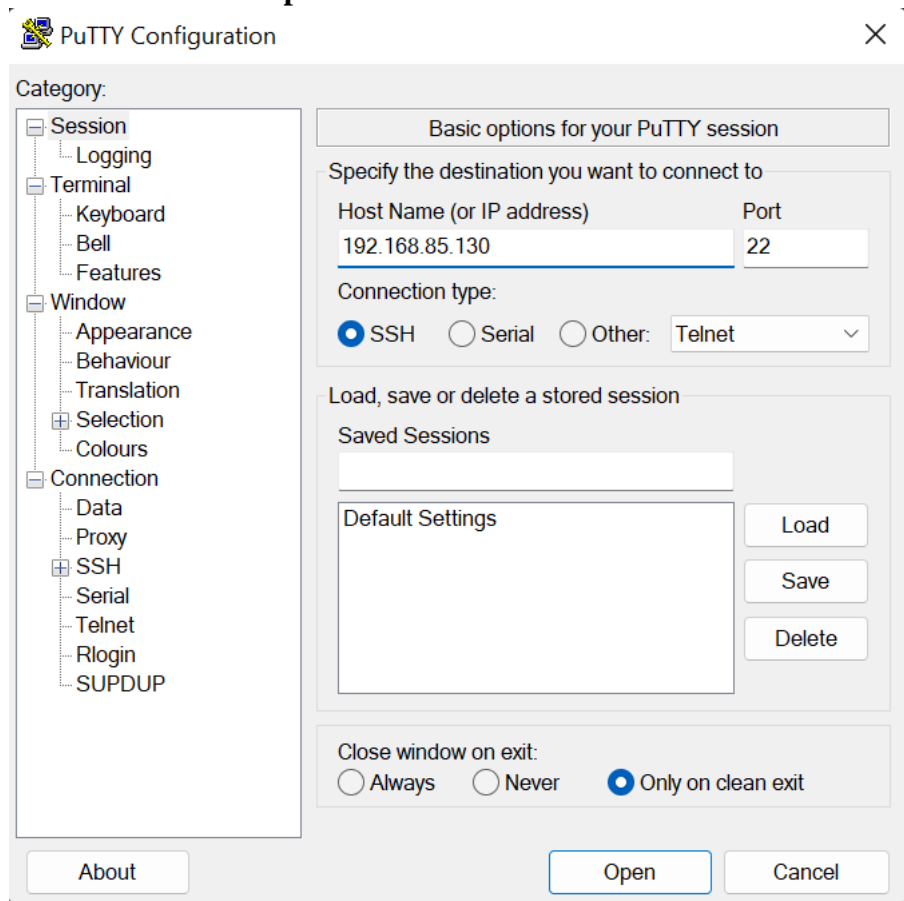
**1. Setelah login ke ubuntu, ketik ifconfig -a untuk mengecek ip**

```
owob@adee:~$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.85.130 netmask 255.255.255.0 broadcast 192.168.85.255
    inet6 fe80::20c:29ff:fe21:f5e8 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:21:f5:e8 txqueuelen 1000 (Ethernet)
    RX packets 204 bytes 252830 (252.8 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 167 bytes 11661 (11.6 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 19 base 0x2000

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 92 bytes 7128 (7.1 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 92 bytes 7128 (7.1 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

owob@adee:~$
```

**2. Masuk/Login ke Ubuntu Server menggunakan Putty SSH server, lalu masukan hostname/ip address**



### 3. Login ke putty

```
owob@adee: ~  
login as: owob  
owob@192.168.85.130's password:  
Access denied  
owob@192.168.85.130's password:  
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-87-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Sen 30 Okt 2023 02:33:22 UTC  
  
System load:  0.79931640625      Processes:            242  
Usage of /:   47.9% of 9.75GB    Users logged in:     0  
Memory usage: 20%               IPv4 address for ens33: 192.168.85.130  
Swap usage:   0%  
  
Expanded Security Maintenance untuk Applications tidak difungsikan.  
  
27 pemutakhiran dapat diterapkan saat ini juga.  
Untuk melihat pemutakhiran tambahan ini jalankan: apt list --upgradable  
  
Fungsikan ESM Apps untuk menerima pembaruan keamanan tambahan di masa depan.
```

### 4. Untuk menginstal server web Apache, jalankan perintah berikut:

sudo apt update

sudo apt install apache2

```
owob@adee:~$ sudo apt update  
[sudo] password for owob:  
Hit:1 http://id.archive.ubuntu.com/ubuntu jammy InRelease  
Get:2 http://id.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]  
Get:3 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]  
Get:4 http://id.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]  
Get:5 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1.104 kB]  
Get:6 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [896 kB]  
Ign:7 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en  
Ign:5 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages  
Get:8 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [11,4 kB]  
Get:9 http://id.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [240 kB]  
Get:10 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [703 kB]
```

```
owob@adee:~$ sudo apt install apache2  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1  
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support  
  ssl-cert  
Suggested packages:  
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser  
  bzip2-doc  
The following NEW packages will be installed:  
  apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1  
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support  
  ssl-cert  
0 upgraded, 13 newly installed, 0 to remove and 38 not upgraded.  
Need to get 2.137 kB of archives.  
After this operation, 8.505 kB of additional disk space will be used.
```

## 5. Setelah instalasi selesai, aktifkan dan mulai Apache:

```
sudo systemctl start apache2
```

```
sudo systemctl enable apache2
```

```
owob@adee:~$ sudo systemctl start apache2
owob@adee:~$ sudo systemctl enable apache2
Synchronizing state of apache2.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable apache2
owob@adee:~$
```

## 6. Instal PHP dan modul yang diperlukan untuk berjalan bersama Apache:

```
sudo apt install php libapache2-mod-php php-mysql
```

Setelah instalasi, pastikan PHP bekerja dengan Apache dengan baik:

```
sudo systemctl restart apache2
```

```
owob@adee:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.1 php-common php8.1 php8.1-cli php8.1-common
  php8.1-mysql php8.1-opcache php8.1-readline
Suggested packages:
  php8.1-xml
owob@adee:~$ sudo systemctl restart apache2
owob@adee:~$
```

## 7. Instal Database Server (MySQL):

Berikut contoh penggunaan Mysql:

```
sudo apt install mariadb-server
```

Setelah instalasi selesai, amankan instalasi mysql: sudo

```
mysqld_secure_installation
```

### • Buat Database dan Pengguna Database

Log masuk ke mysql sebagai root:

```
sudo mysql
```

Buat database baru dan pengguna database untuk WordPress. Gantilah

```
`nama_database`, `nama_pengguna`, dan
```

```
`password_pengguna`
```

```

MariaDB [(none)]> CREATE DATABASE adeee;
Query OK, 1 row affected (0,001 sec)

MariaDB [(none)]> CREATE USER 'ade'@'localhost' IDENTIFIED BY 'adeprabowo190403';
ERROR 1396 (HY000): Operation CREATE USER failed for 'ade'@'localhost'
MariaDB [(none)]> CREATE USER 'adee'@'localhost' IDENTIFIED BY 'adeprabowo190403';
Query OK, 0 rows affected (0,005 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON adeee.* TO 'adee'@'localhost';
Query OK, 0 rows affected (0,005 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0,001 sec)

MariaDB [(none)]> EXIT;
Bye
owob@adee:~$

```

## 8. Instal WordPress:

Unduh dan ekstrak arsip WordPress ke direktori web root. Gantilah `nama\_folder` dengan nama folder yang diinginkan:

```
owob@adee:/var/www/html$ sudo mv wordpress ade
```

## 9. Konfigurasi WordPress:

Buat salinan file konfigurasi WordPress:

Selanjutnya, edit file `wp-config.php`:

```

owob@adee:/var/www/html$ sudo mv wordpress ade
owob@adee:/var/www/html$ sudo cp /var/www/html/ade/wp-config-sample.php /var/www/html/ade/wp-config.php
owob@adee:/var/www/html$ sudo nano /var/www/html/ade/wp-config.php

```

Ganti konfigurasi database dengan informasi yang sesuai yang telah dibuat sebelumnya:

```

define( 'DB_NAME', 'adeee' );

/** Database username */
define( 'DB_USER', 'adee' );

/** Database password */
define( 'DB_PASSWORD', 'adeprabowo190403' );

/** Database hostname */
define( 'DB_HOST', 'localhost' );

/** Database charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );

/** The database collate type. Don't change this if in doubt. */
define( 'DB_COLLATE', '' );

```

## 10. Setel Hak Akses dan konfigurasi web server

Pastikan Apache memiliki hak akses yang tepat ke folder WordPress. kemudian Buat konfigurasi server web Apache untuk mengarahkan permintaan ke WordPress. Buat file konfigurasi baru:

```

owob@adee:/var/www/html$ sudo nano /var/www/html/ade/wp-config.php
owob@adee:/var/www/html$ sudo chown -R www-data:www-data /var/www/html/ade
owob@adee:/var/www/html$ sudo nano /etc/apache2/sites-available/192.168.85.130.conf

```

Isi konfigurasi server web:

```
<VirtualHost *:80>
    ServerAdmin admin@192.168.85.130
    DocumentRoot /var/www/html/adee
    ServerName 192.168.85.130
    ServerAlias www.192.168.85.130
    <Directory /var/www/html/adee>
        Options FollowSymLinks
        AllowOverride All
        Require all granted
    </Directory>
    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined
</VirtualHost>
```

## 11. Aktifkan Konfigurasi dan restart Apache:

Aktifkan konfigurasi situs dan restart Apache:

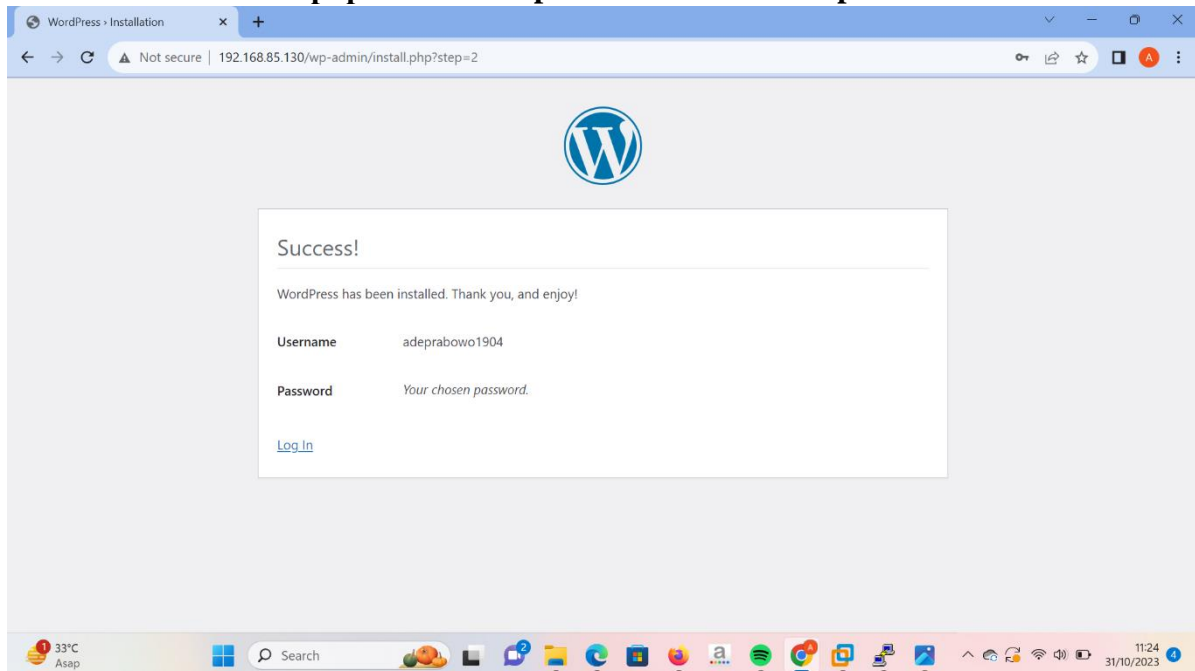
```
owob@adee:/var/www/html$ sudo a2ensite 192.168.85.130.conf
Site 192.168.85.130 already enabled
owob@adee:/var/www/html$ sudo systemctl restart apache2
owob@adee:/var/www/html$
```

## 12. Cek status keaktifan apache2:

```
owob@adee:/var/www/html$ sudo systemctl restart apache2
owob@adee:/var/www/html$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor pr>
   Active: active (running) since Tue 2023-10-31 04:09:00 UTC; 59s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 2516 ExecStart=/usr/sbin/apachectl start (code=exited, status=0>
   Main PID: 2521 (apache2)
     Tasks: 6 (limit: 1934)
    Memory: 10.2M
       CPU: 139ms
    CGroup: /system.slice/apache2.service
            └─2521 /usr/sbin/apache2 -k start
              └─2522 /usr/sbin/apache2 -k start
                └─2523 /usr/sbin/apache2 -k start
                  └─2524 /usr/sbin/apache2 -k start
                    └─2525 /usr/sbin/apache2 -k start
                      └─2526 /usr/sbin/apache2 -k start

Okt 31 04:09:00 adee systemd[1]: Starting The Apache HTTP Server...
Okt 31 04:09:00 adee apachectl[2520]: AH00558: apache2: Could not reliably d>
Okt 31 04:09:00 adee systemd[1]: Started The Apache HTTP Server.
...skipping...
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor pr>
   Active: active (running) since Tue 2023-10-31 04:09:00 UTC; 59s ago
```

13. Lalu ke web dan ketik sesuai domain “<http://192.168.85.130/wp-admin/install.php>” maka tampilan akan berubah seperti ini:



Kemudian langsung masuk ke admin page. Ini adalah tampilan Homepage untuk Admin Server:

