

PEMROSESAN PARALEL

“Akses Wordpress pada Ubuntu Desktop dan Server melalui PuTTY”



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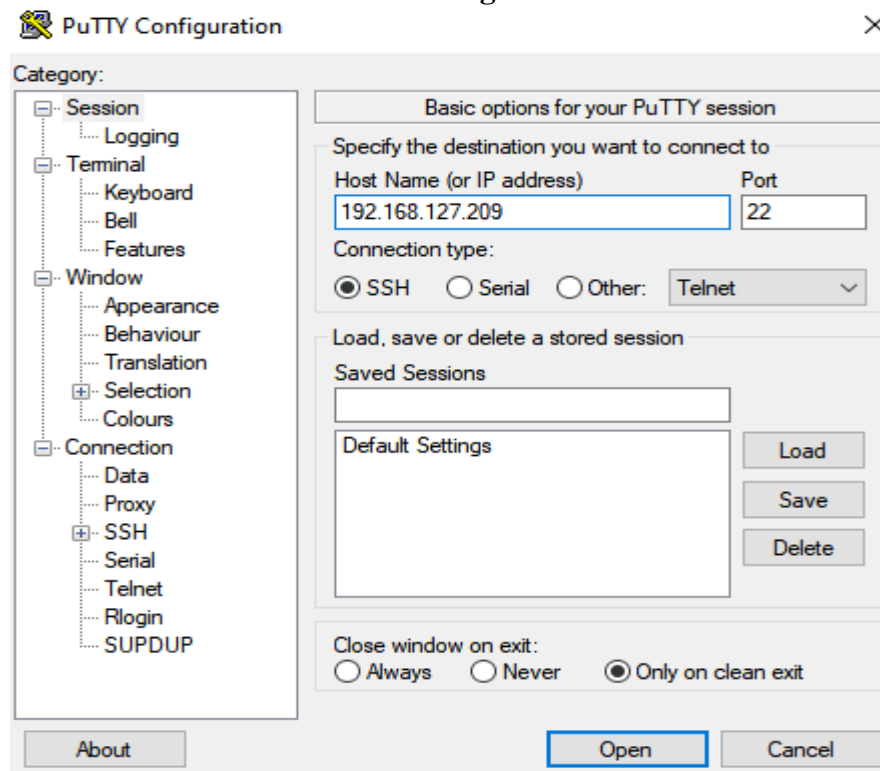
**JURUSAN SISTEM KOMPUTER
FAKULTAS ILMU KOMPUTER
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Akses Wordpress Pada Ubuntu Server Melalui Putty

1. Membuka Ubuntu Server lalu mengetikkan ip a untuk melihat IP perangkat.

```
tiara@tiara:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:a1:bd:44 brd ff:ff:ff:ff:ff:ff
    inet 192.168.127.209/24 metric 100 brd 192.168.127.255 scope global dynamic enp0s3
        valid_lft 3528sec preferred_lft 3528sec
    inet6 fe80::a00:27ff:fea1:bd44/64 scope link
        valid_lft forever preferred_lft forever
```

2. Lalu Buka PuTTY untuk dihubungkan ke Ubuntu melalui IP Address.



3. Melakukan login pada PuTTY yang telah terhubung.

```
tiara@tiara: ~  
login as: tiara  
tiara@192.168.127.209'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 Sat 31 Okt 2023 04:08:57 UTC  
  
System load:  0.0                Processes:            110  
Usage of /:   58.7% of 8.02GB    Users logged in:     1  
Memory usage: 14%              IPv4 address for enp0s3: 192.168.127.209  
Swap usage:   0%
```

4. Melakukan update pada Ubuntu Server

```
tiara@tiara: ~  
tiara@tiara:~$ sudo apt update  
[sudo] password for tiara:  
Hit:1 http://id.archive.ubuntu.com/ubuntu jammy InRelease  
Hit:2 http://id.archive.ubuntu.com/ubuntu jammy-updates InRelease  
Hit:3 http://id.archive.ubuntu.com/ubuntu jammy-backports InRelease  
Get:4 http://id.archive.ubuntu.com/ubuntu jammy/main Translation-id [6.564 B]  
Get:5 http://id.archive.ubuntu.com/ubuntu jammy/restricted Translation-id [292 B]  
Get:6 http://id.archive.ubuntu.com/ubuntu jammy/universe Translation-id [2.020 B]  
Get:7 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]  
Get:8 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [899 kB]  
Get:9 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [181 kB]  
Get:10 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1.017 kB]  
Get:11 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [164 kB]  
Fetched 2.379 kB in 38s (63,4 kB/s)  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
31 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

5. Melakukan install Apache2, Libapache2, MySQL, dan php pada Ubuntu Server

```
tiara@tiara: ~  
tiara@tiara:~$ 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 31 not upgraded.
```

```

tiara@tiara: ~
tiara@tiara:~$ 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:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.1 php php-common php-mysql php8.1
  php8.1-cli php8.1-common php8.1-mysql php8.1-opcache php8.1-readline
0 upgraded, 11 newly installed, 0 to remove and 31 not upgraded.
Need to get 5.265 kB of archives.

```

6. Memulai dan mengaktifkan Apache2 di Ubuntu Server

```

tiara@tiara:~$ sudo systemctl restart apache2
tiara@tiara:~$ sudo apt install mariadb-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  galera-4 libcgi-fast-perl libcgi-pm-perl libclone-perl libcon
  libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-
  liblwp-mediatypes-perl libmariadb3 libmysqlclient21 libndctl6
  mariadb-client-core-10.6 mariadb-common mariadb-server-10.6 m
Suggested packages:

```

7. Melakukan install MariaDB pada Ubuntu Server

```

tiara@tiara:~$ sudo apt install mariadb-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  galera-4 libcgi-fast-perl libcgi-pm-perl libclone-perl libcon
  libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-
  liblwp-mediatypes-perl libmariadb3 libmysqlclient21 libndctl6
  mariadb-client-core-10.6 mariadb-common mariadb-server-10.6 m
Suggested packages:

```


8. Menyimpan instalasi pada MariaDB

`$ sudo mysql_secure_installation`

```
tiara@tiara:~$ sudo mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
haven't set the root password yet, you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password or using the unix_socket ensures that nobody
can log into the MariaDB root user without the proper authorisation.

You already have your root account protected, so you can safely answer 'n'.

Switch to unix_socket authentication [Y/n] Y
Enabled successfully!
Reloading privilege tables..
... Success!
```

9. Membuka dan mengakses database (MariaDB)

`$ sudo mysql`

```
tiara@tiara:~$ sudo mysql
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 36
Server version: 10.6.12-MariaDB-0ubuntu0.22.04.1 Ubuntu 22.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> CREATE DATABASE tiara;
Query OK, 1 row affected (0,000 sec)
```

10. Membuat database, username, password, dan hak akses

```
MariaDB [(none)]> CREATE DATABASE tiara;
Query OK, 1 row affected (0,000 sec)

MariaDB [(none)]> CREATE USER 'tiara'@'localhost' IDENTIFIED BY 'tiara011003';
Query OK, 0 rows affected (0,002 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON tiara.* TO 'tiara'@'localhost';
Query OK, 0 rows affected (0,016 sec)

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

MariaDB [(none)]> EXIT
```

11. Melakukan instalasi Wordpress pada Ubuntu Server dan melakukan konfigurasi

```
$ cd /var/www/html
```

```
$ sudo wget https://wordpress.org/latest.tar.gz
```

```
$ sudo tar -xzf latest.tar.gz
```

```
tiara@tiara: /var/www/html
```

```
wordpress/wp-admin/js/editor-expand.min.js
wordpress/wp-admin/js/media-gallery.min.js
wordpress/wp-admin/js/common.min.js
wordpress/wp-admin/js/tags-box.min.js
wordpress/wp-admin/js/svg-painter.min.js
wordpress/wp-admin/js/custom-background.js
wordpress/wp-admin/js/color-picker.min.js
wordpress/wp-admin/js/auth-app.js
wordpress/wp-admin/js/code-editor.js
wordpress/wp-admin/js/common.js
wordpress/wp-admin/js/set-post-thumbnail.min.js
wordpress/wp-admin/js/postbox.min.js
wordpress/wp-admin/js/color-picker.js
wordpress/wp-admin/js/password-strength-meter.js
wordpress/wp-admin/js/customize-nav-menus.js
wordpress/wp-admin/js/editor-expand.js
wordpress/wp-admin/js/code-editor.min.js
wordpress/wp-admin/js/set-post-thumbnail.js
wordpress/wp-admin/options-permalink.php
wordpress/wp-admin/widgets.php
wordpress/wp-admin/setup-config.php
wordpress/wp-admin/install.php
wordpress/wp-admin/admin-header.php
wordpress/wp-admin/post-new.php
wordpress/wp-admin/themes.php
wordpress/wp-admin/options-reading.php
wordpress/wp-trackback.php
wordpress/wp-comments-post.php
tiara@tiara:/var/www/html$
```

12. Mengubah isi file konfigurasi dengan menulis nama database, username, password, dan localhost yg benar.

```
tiara@tiara:/var/www/html$ sudo mv wordpress tiara
tiara@tiara:/var/www/html$ sudo cp /var/www/html/tiara/wp-config-sample.php /var/www/html/tiara/wp-config.php
tiara@tiara:/var/www/html$ sudo nano /var/www/html/tiara/wp-config.php
GNU nano 6.2 /var/www/html/tiara/wp-config.php
?php
/**
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the installation.
 * You don't have to use the web site, you can copy this file to "wp-config.php"
 * and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * Database settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 */
```

13. Membuka dan mengakses wordpress yang telah dibuat dan dikonfigurasi pada laman pencarian

Membuat akun wordpress lalu login agar bisa masuk ke laman dashboard

<http://192.168.127.209/>

