

PEMROSESAN PARAREL
**“Instalasi Web Server menggunakan Wordpress dan
Apache2 dalam Ubuntu Server”**

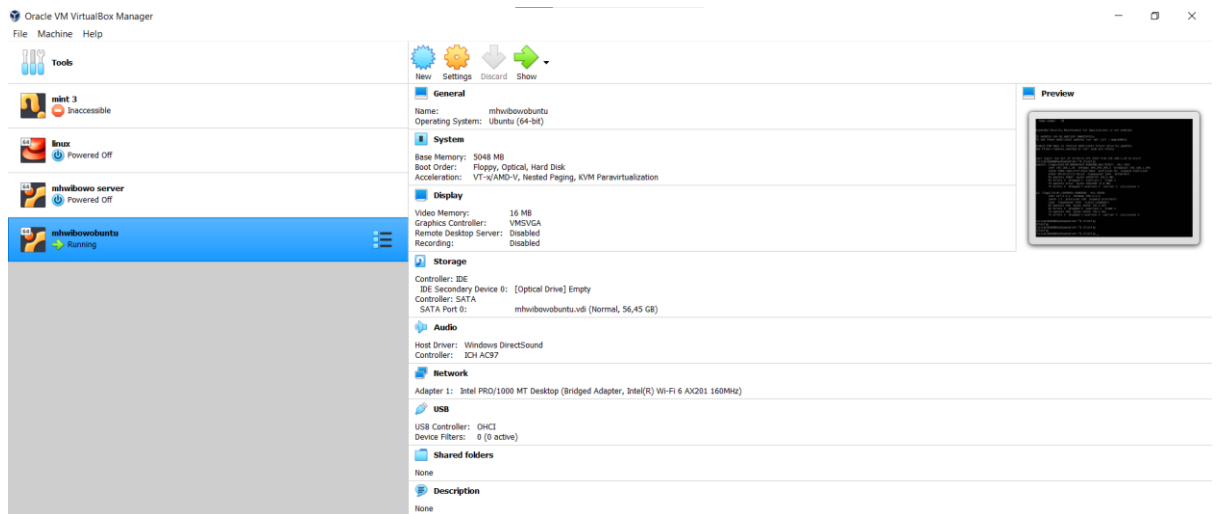


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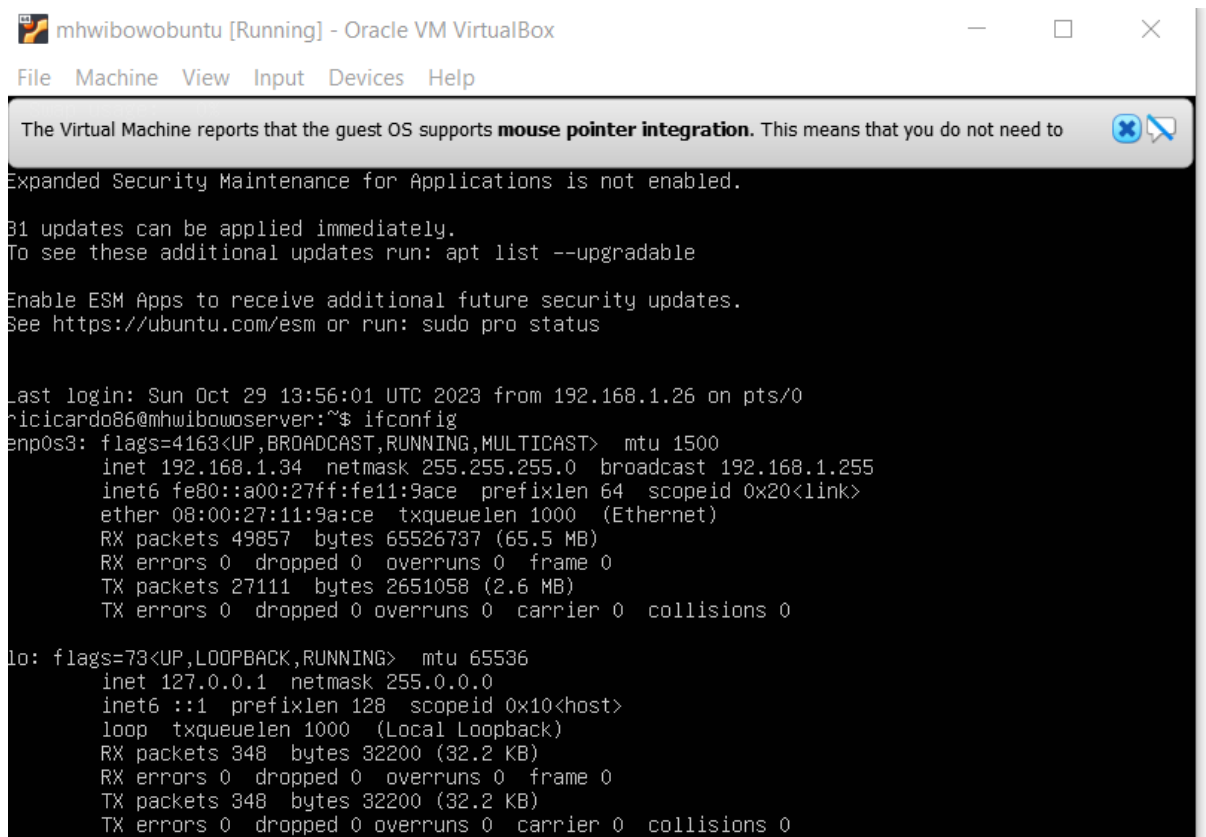
FAKULTAS ILMU KOMPUTER
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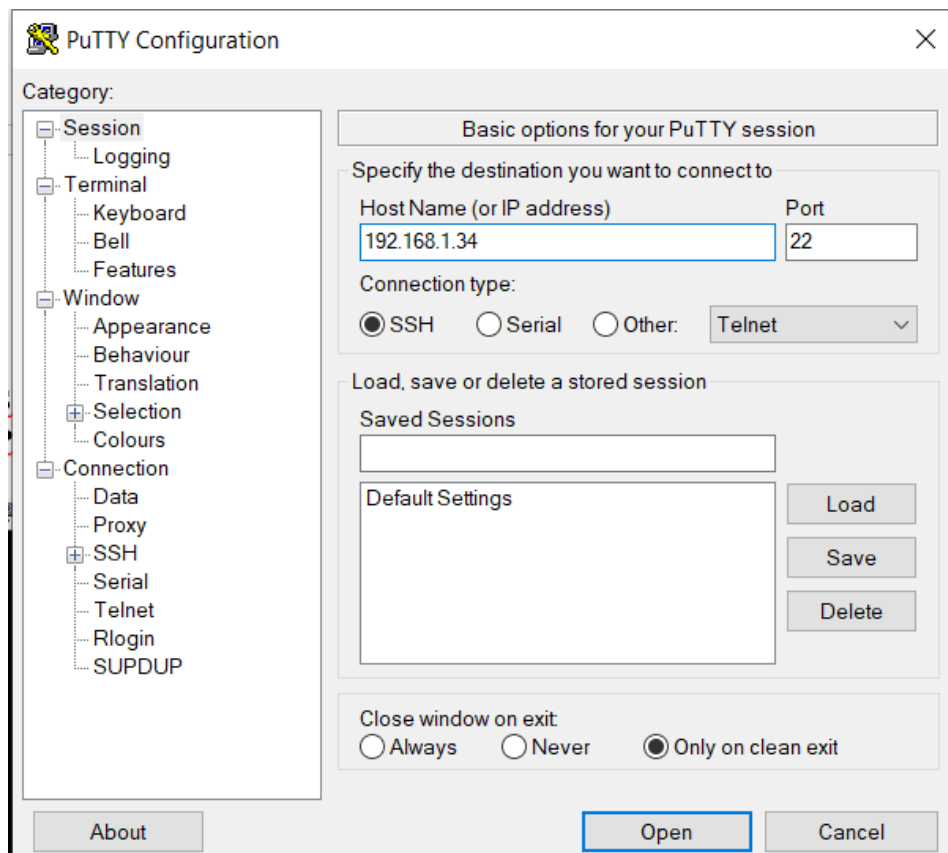
1. Buka Ubuntu server di VirtualBox



2. Setelah itu jalankan command `ifconfig -a` untuk melihat ip yang digunakan agar dapat terhubung pada PuTTY SSH



3. Sambungkan Ubuntu Server dengan PuTTY SSH Server dengan cara memasukkan IP address yang tertera di gambar diatas



```
ricicardo86@mhwibowoserver: ~  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Sun Oct 29 03:06:38 PM UTC 2023  
  
System load:  0.046875      Processes:            120  
Usage of /:   28.2% of 26.63GB Users logged in:          1  
Memory usage: 15%          IPv4 address for enp0s3: 192.168.1.34  
Swap usage:   0%  
  
Expanded Security Maintenance for Applications is not enabled.  
  
31 updates can be applied immediately.  
To see these additional updates run: apt list --upgradable  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
Last login: Sun Oct 29 14:08:18 2023  
ricicardo86@mhwibowoserver:~$
```

4. Setelah itu, install dan konfigurasi wordpress, mysql, dan apache2 kedalam PuTTY, jalankan perintah sesuai gambar dibawah ini.

```
ricicardo86@mhwiwoserver:~$ sudo apt update
[sudo] password for ricicardo86:
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
Hit:4 http://id.archive.ubuntu.com/ubuntu jammy-security InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
31 packages can be upgraded. Run 'apt list --upgradable' to see them.
ricicardo86@mhwiwoserver:~$ sudo apt insatall apache2
E: Invalid operation insatall
ricicardo86@mhwiwoserver:~$ sudo apt install apache2

ricicardo86@mhwiwoserver:~$ sudo systemctl restart apache2
ricicardo86@mhwiwoserver:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl
  libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl
  libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl
  liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0
  mysql-client-core-8.0 mysql-common mysql-server-8.0 mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libbusiness-isbn-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl
  libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl
  libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl
  liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0
  mysql-client-core-8.0 mysql-common mysql-server mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 31 not upgraded.
Need to get 29.6 MB of archives.
After this operation, 243 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://id.archive.ubuntu.com/ubuntu jammy/main amd64 mysql-common all 5.8+1.0.8 [7,212
B]
Get:2 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-core-8.0 amd6
4 8.0.34-0ubuntu0.22.04.1 [2,754 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-8.0 amd64 8.0
.34-0ubuntu0.22.04.1 [22.7 kB]
Get:4 http://id.archive.ubuntu.com/ubuntu jammy/main amd64 libevent-pthreads-2.1-7 amd64 2.1.
12-stable-1build3 [7,642 B]
Get:5 http://id.archive.ubuntu.com/ubuntu jammy/main amd64 libmecab2 amd64 0.996-14build9 [19
9 kB]
```

5. Membuat database dan user serta password user

```
mysql> CREATE DATABASE woks;
Query OK, 1 row affected (0.02 sec)

mysql> CREATE USER 'woks1'@'localhost' IDENTIFIED BY '123td321';
Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON woks.* TO 'woks1'@'localhost';
Query OK, 0 rows affected (0.01 sec)

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

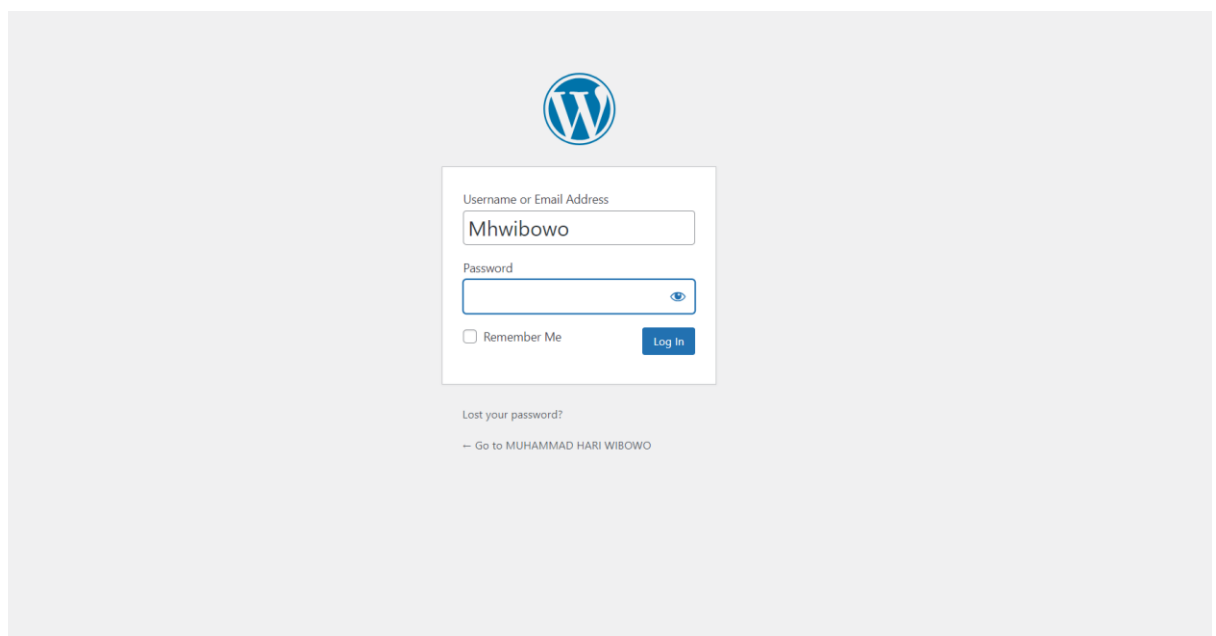
mysql> EXIT;
Bye

ricicardo86@mhwbibowoserver:/var/www/html$ sudo mv wordpress woks
ricicardo86@mhwbibowoserver:/var/www/html$ sudo cp /var/www/html/woks/wp-config-sample.php /var/www/html/woks/wp-config.php
ricicardo86@mhwbibowoserver:/var/www/html$ sudo nano /var/www/html/woks/wp-config.php
ricicardo86@mhwbibowoserver:/var/www/html$ 

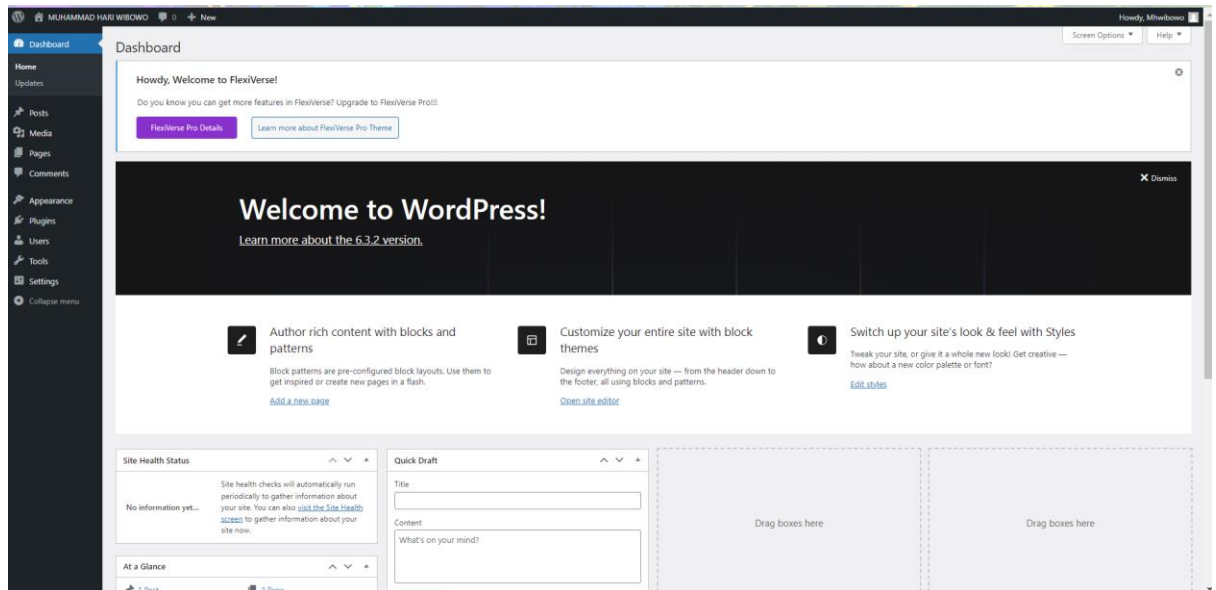
ricicardo86@mhwbibowoserver:/var/www/html$ sudo nano /etc/apache2/sites-available/192.168.1.34.conf
.

ricicardo86@mhwbibowoserver:/var/www/html$ sudo a2ensite 192.168.1.34.conf
Enabling site 192.168.1.34.
To activate the new configuration, you need to run:
    systemctl reload apache2
ricicardo86@mhwbibowoserver:/var/www/html$ sudo systemctl restart apache2
```

6. Setelah berhasil menjalankan semua perintah pada gambar diatas, buka link “<http://192.168.1.34/woks/>, setelah itu masukkan username dan password yang terdaftar pada wordpress



7. Setelah berhasil login maka akan muncul tampilan dashboard wordpress seperti gambar dibawah ini;



8. Berikut ini adalah tampilan halaman Web yang dibuat pada saat pengunjung masuk.

