

MK PENGANTAR TELEKOMUNIKASI

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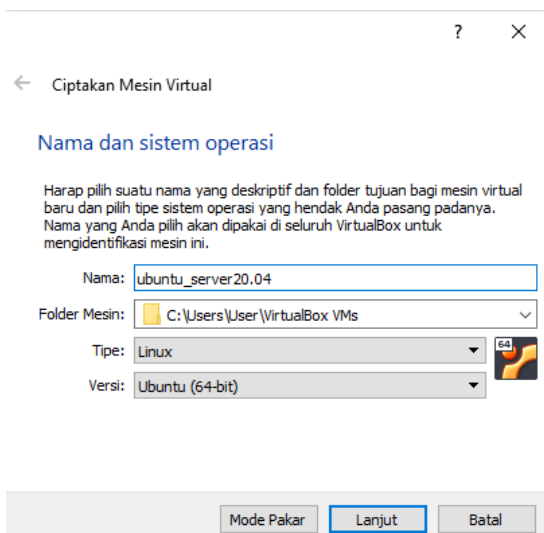
Berikut langkah-langkah membuat aplikasi wordpress di ubuntu server :

1. Langkah awal yaitu harus mendownload : Virtual Box, Ubuntu server, dan PuTTY
2. Setelah menginstall virtual box, buka aplikasi tersebut lalu install ubuntu server menggunakan aplikasi virtual box dengan langkah sebagai berikut :

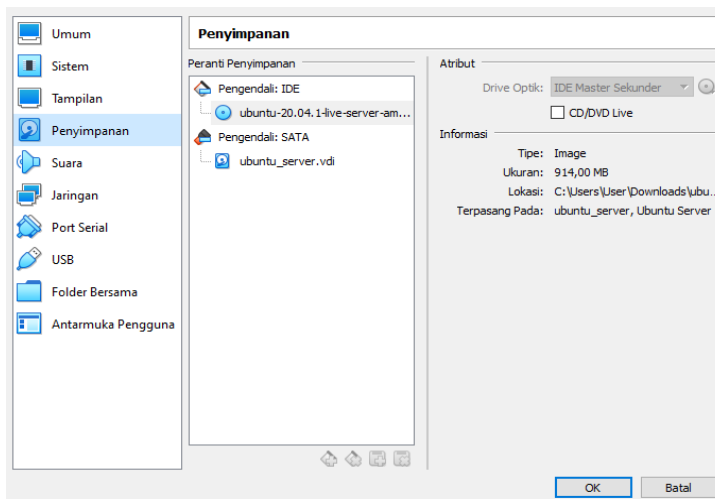
- Pilih icon Baru untuk membuat Mesin Virtual



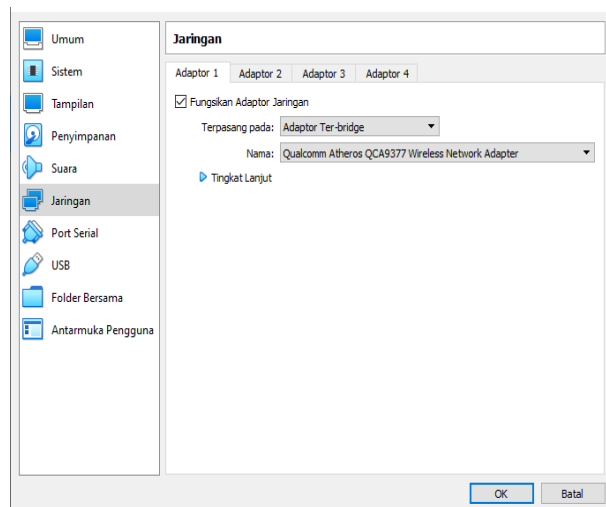
- Kemudian klik nama file sesuai yang kamu inginkan



- Setelah itu ke pengaturan dan klik penyimpanan, kemudian pilih ubuntu server



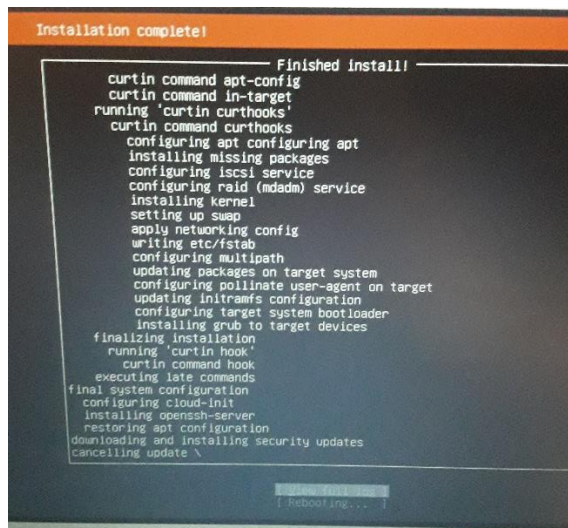
- Kemudian klik jaringan pada pengaturan dan pilih jaringan pada Adaptor 1 menjadi Adaptor Ter-bridge



- Setelah itu klik OK dan langsung klik mulai



3. Setelah klik mulai, akan terdapat konfigurasi bahasa yang akan digunakan, kemudian installation stronge dan pembuatan account.
4. Selanjutnya menunggu proses instalasi ubuntu server, dan apabila sudah akan muncul tulisan “reboot” lalu klik.



5. Jika sudah reboot akan muncul login user (masukkan user dan password) kemudian ketik \$su dan \$sudo su



6. Untuk konfigurasi SSH maka ketik perintah :

- apt-get update
- apt-get install inet-tools

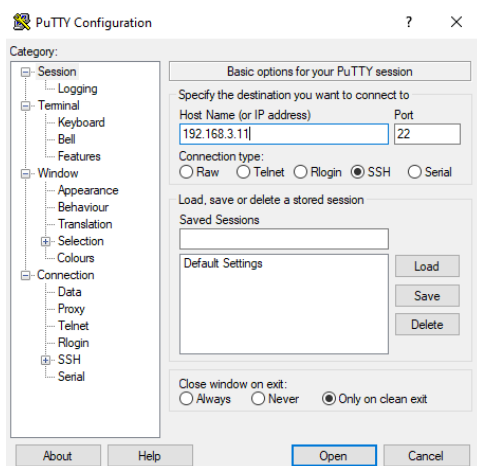
- apt-get install net-tools
- install openssh-server
- systemctl status ssh
- ufw allow ssh
- ifconfig

7. Setelah ifconfig, akan muncul IP Address Host untuk dimasukkan ke PuTTY

```
root@psutamii:/home/psutamii# ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.3.11 netmask 255.255.255.0 broadcast 192.168.3.255
    inet6 fe80::a00:27ff:fe23: prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:f7:fe:23 txqueuelen 1000 (Ethernet)
    RX packets 1172 bytes 1381976 (1.3 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 825 bytes 67781 (67.7 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

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 212 bytes 16900 (16.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 212 bytes 16900 (16.9 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

8. Masukkan IP Address pada kolom Host Name (or IP Address)



Setelah itu klik Open dan akan muncul tampilan seperti ini

```
psutamii@psutamii: ~
* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/advantage

System information as of Tue 01 Dec 2020 11:59:36 AM UTC

System load:  0.0               Processes:    124
Usage of /:   48.9% of 8.79GB   Users logged in: 1
Memory usage: 34%              IPv4 address for enp0s3: 192.168.3.11
Swap usage:   0%

* Introducing self-healing high availability clusters in MicroK8s.
  Simple, hardened, Kubernetes for production, from RaspberryPi to DC.

  https://microk8s.io/high-availability

80 updates can be installed immediately.
0 of these updates are security updates.
To see these additional updates run: apt list --upgradable

Last login: Tue Dec  1 08:45:31 2020 from 192.168.3.9
psutamii@psutamii:~$
```

9. Kemudian ketik perintah pada ubuntu :

- sudo apt update -y

```
root@psutamii:/home/psutamii# sudo apt update -y
```

- sudo apt install apache2 -y

```
root@psutamii:/home/psutamii# sudo apt install apache2 -y
```

- `sudo apt install mariadb-server mariadb-client -y`
- `sudo systemctl start mariadb`
- `sudo systemctl status mariadb`
- `sudo msyql_secure_installation`
Pada bagian ini, akan muncul beberapa pertanyaan.
- `sudo apt install php -y`
- `sudo apt install wget -y`
- `wget https://wordpress.org/latest.zip`
- `ls`
- `sudo apt install unzip -y`
- `ls`

```
root@psutamil:/home/psutamil# ls
latest.zip  wordpress
root@psutamil:/home/psutamil# cd wordpress/
root@psutamil:/home/psutamil/wordpress# ls
index.php      wp-admin      wp-content     wp-load.php    wp-signup.php
license.txt    wp-blog-header.php wp-cron.php    wp-login.php   wp-trackback.php
readme.html   wp-comments-post.php wp-includes     wp-mail.php    xmlrpc.php
wp-activate.php wp-config-sample.php wp-links-opml.php wp-settings.php
root@psutamil:/home/psutamil/wordpress#
```

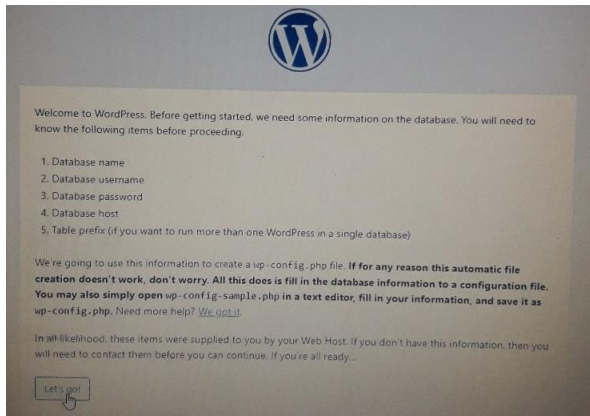
- `sudo cp -r * /var/www/html`
- `cd /var/www/html/`
- `ls`
- `sudo rm -rf index.html`
- `ls`
- `sudo apt install php-mysql php-cgi php-cli php-gd -y`
- `sudo systemctl restart apache2`
- `sudo chown -R www-data:www-data /var/www/`
- `ip a`

```
Processing triggers for php7.4-cgi (7.4.3-4ubuntu2.4) ...
root@psutamil:/var/www/html# sudo systemctl restart apache2
root@psutamil:/var/www/html# sudo chown -R www-data:www-data /var/www/
root@psutamil:/var/www/html# 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:cd:94:29 brd ff:ff:ff:ff:ff:ff
    inet 192.168.1.15/24 brd 192.168.1.255 scope global dynamic enp0s3
        valid_lft 85528sec preferred_lft 85528sec
    inet6 fe80::a00:27ff:fe0d:9429/64 scope link
        valid_lft forever preferred_lft forever
root@psutamil:/var/www/html# sudo mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 57
Server version: 10.3.25-MariaDB-0ubuntu0.20.04.1 Ubuntu 20.04
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 wordpress;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> show database;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MariaDB server version for the right syntax to use near 'database' at line 1
MariaDB [(none)]> create user 'wordpress'@'%' identified by 'password';
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]>
```

10. Setelah mendapat IP, copy paste IP tersebut di google chromedan akan muncul tampilan seperti ini



11. Setelah login, maka akan muncul tampilan

