LAPORAN

INSTALASI APACHE SERVER DAN PUTTY PADA UBUNTU SERVER



Disusun Oleh:

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```
Processing triggers for ufw (0.36.1–4ubuntu0.1) ...
Processing triggers for man-db (2.10.2–1) ...
Processing triggers for libc-bin (2.35–0ubuntu3.4) ...
Scanning processes...
Scanning linux images...
Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

ryu123@ryuryu:~$
```

Instalasi apache server dengan perintah "sudo apt install apache2"

▲ Not secure | 10.9.56.247



Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at /var/www/html/index.html) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in /usr/share/doc/apache2/README.Debian.gz**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the apache2-doc package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
```

melakukan pengecekan apakah apache server telah berhasil diinstall atau belum dengan memasukkan IP address ke browser.

```
ryu123@ryuryu:~$ cd /var/www
ryu123@ryuryu:/var/www$ ls
html
ryu123@ryuryu:/var/www$ cd html
ryu123@ryuryu:/var/www/html$ ls
index.html
ryu123@ryuryu:/var/www/html$ sudo mkdir Testing
ryu123@ryuryu:/var/www/html$
```

Mengakses direktori /var/www/html untuk membuat tampilan web

```
ryu123@ryuryu:/var/www/html$ sudo mkdir Testing
ryu123@ryuryu:/var/www/html$ sudo chmod 777 Testing
ryu123@ryuryu:/var/www/html$ cd Testing
ryu123@ryuryu:/var/www/html/Testing$
```

Membuat direktori bernama Testing lalu mengubah perizinan hak aksesnya

```
ryu123@ryuryu:/var/www/html/Testing$ nano index.html_
```

Buat file index.html

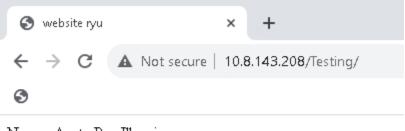
```
GNU nano 6.2 index.html

<html>
<head>
<title>website ryu</title>
</head>
<body>
Nama : Anata Ryu Ilhami
 NIM : 09011382126168
</body>
<html>
```

Isi file html tersebut

```
ryu123@ryuryu:/var/www/html/Testing$ systemctl restart apache2
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'apache2.service'.
Authenticating as: Ryu (ryu123)
Password:
==== AUTHENTICATION COMPLETE ===
ryu123@ryuryu:/var/www/html/Testing$
```

Lakukan restart pada apache2



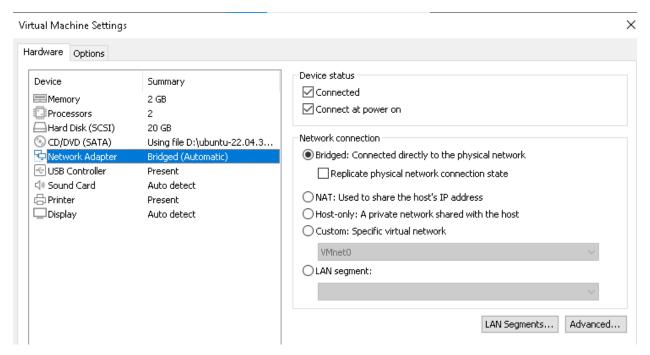
Nama : Anata Ryu Ilhami

NIM: 09011382126168

Lakukan percobaan dengan memasukkan IP/nama direktori untuk memastikan webnya berjalan

REMOTE KE PUTTY

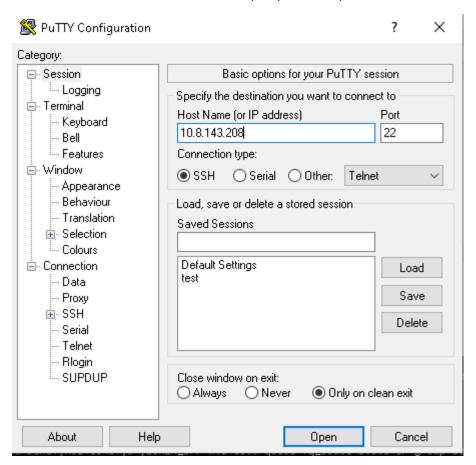
Pastikan Open SSH telah terinstall di Ubuntu server, jika belum ada maka install terlebih dahulu dengan "sudo apt-get install open-ssh server"



Ubah pengaturan network di virtual machine menjadi bridge agar jaringan laptop dan VM menjadi satu network

```
ryu123@ryuryu:~$ 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 brd 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: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 100
    link/ether 00:0c:29:b6:e6:b5 brd ff:ff:ff:ff
    altname enp2s1
    inet 10.8.143.208/22 metric 100 brd 10.8.143.255 scope global dynamic ens33
        valid_lft 76sec preferred_lft 76sec
    inet6 fe80::20c:29ff:feb6:e6b5/64 scope link
        valid_lft forever preferred_lft forever
ryu123@ryuryu:~$ __
```

Masukkan IP address kedalam software putty untuk dapat melakukan remote access



Masukkan IP address Ubuntu server ke kolom hostname lalu klik open

```
ryu123@ryuryu:~

login as: ryu123
ryu123@10.8.143.208'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
```

Masukkan username Ubuntu server dan passwordnya jika berhasil maka akan ada tulisan welcome