

LAPORAN PRAKTIKUM ARSITEKTUR DAN ORGANISASI KOMPUTER



Disusun Oleh :

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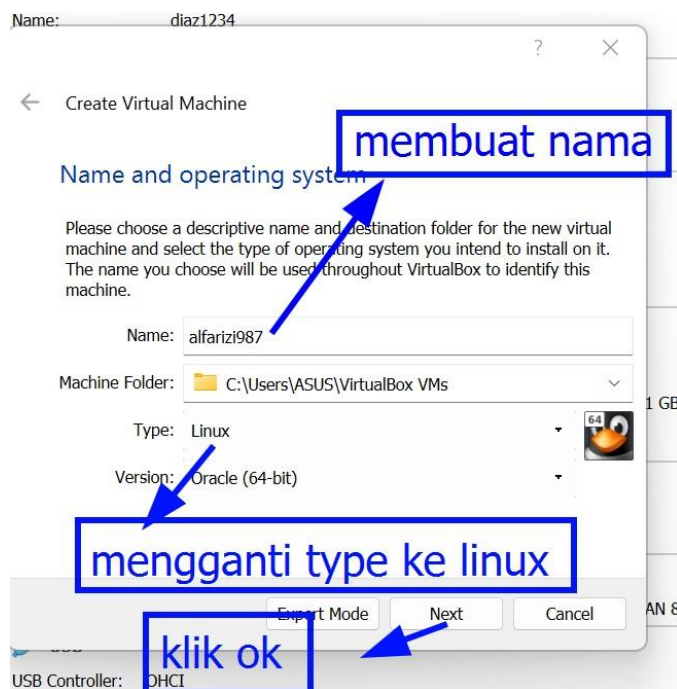
Kelas : TK3A

Prodi : Teknik Komputer

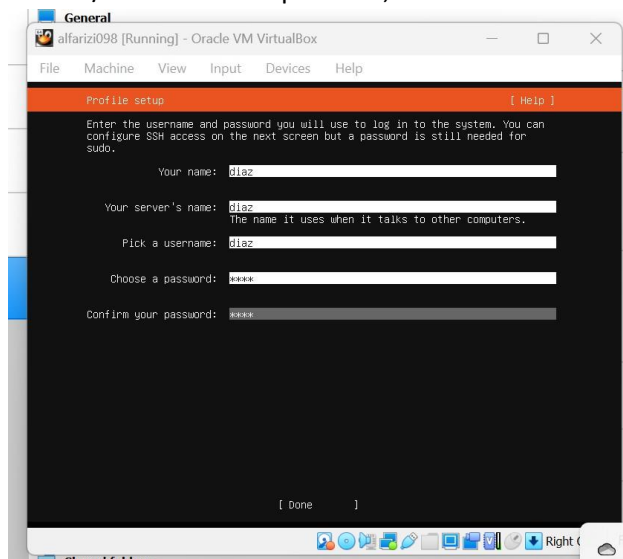
Dosen : Adi Hermansyah, S.Kom., M.T.

**FAKULTAS ILMU KOMPUTER
UNIVERSITAS SRIWIJAYA PALEMBANG 2023**

- Buatlah new file kemudian pada halaman tersebut ubah type menjadi linux, lalu klik ok



- buatlah nama/username dan pasword, setelah itu klik done



- kemudian masukkan username tadi tekan enter, setelah itu update terlebih dahulu, setelah itu masukkan password lalu klik enter

```

diaz1234 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

command 'dia' from deb dia (0.97.3+git20160930-9)

Try: sudo apt install <deb name>

diaz@diaz:~$ sudo apt install
[sudo] password for diaz:
Reading package lists... Done
Building dependency tree
Reading state information... Done
0 upgraded, 0 newly installed, 0 to remove and 64 not upgraded.
diaz@diaz:~$ sudo apt update
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:5 http://id.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2,959 kB]
Get:6 http://id.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [1,130 kB]
Get:7 http://id.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [270 kB]
Get:8 http://id.archive.ubuntu.com/ubuntu focal-security/main amd64 Packages [2,569 kB]
Get:9 http://id.archive.ubuntu.com/ubuntu focal-security/main Translation-en [398 kB]
Get:10 http://id.archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [897 kB]
Get:11 http://id.archive.ubuntu.com/ubuntu focal-security/universe Translation-en [188 kB]
Fetched 8,748 kB in 19s (468 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
66 packages can be upgraded. Run 'apt list --upgradable' to see them.
diaz@diaz:~$ diaz

Command 'diaz' not found, did you mean:

  command 'dia' from deb dia (0.97.3+git20160930-9)

Try: sudo apt install <deb name>

diaz@diaz:~$ sudo apt update
[sudo] password for diaz:

```

```

diaz@diaz:~$ sudo apt update
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Hit:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease
Fetched 114 kB in 8s (14.1 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
66 packages can be upgraded. Run 'apt list --upgradable' to see them.
diaz@diaz:~$ sudo apt install openssh-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
openssh-server is already the newest version (1:8.2p1-4ubuntu0.9).
0 upgraded, 0 newly installed, 0 to remove and 66 not upgraded.
diaz@diaz:~$ sudo systemctl enable ssh
Synchronizing state of ssh.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable ssh
diaz@diaz:~$ sudo systemctl start ssh
diaz@diaz:~$ sudo ufw allow ssh
Rule added
Rule added (v6)
diaz@diaz:~$ sudo ufw enable
Firewall is active and enabled on system startup
diaz@diaz:~$ sudo ufw status
Status: active

To Action From
--
Apache ALLOW Anywhere
22/tcp ALLOW Anywhere
Apache (v6) ALLOW Anywhere (v6)
22/tcp (v6) ALLOW Anywhere (v6)

diaz@diaz:~$ _

```

```
Command Prompt - ssh diaz X + v
Microsoft Windows [Version 10.0.22621.2428]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS>ssh diaz@10.1.10.150
The authenticity of host '10.1.10.150 (10.1.10.150)' can't be established.
ED25519 key fingerprint is SHA256:FtsXbqCdS08nn8vF7go0I40TkKQOEChnXfeFThzZLUE.
This host key is known by the following other names/addresses:
  C:\Users\ASUS/.ssh/known_hosts:5: 10.1.9.170
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint:
```

```
* Management:      https://landscape.canonical.com
* Support:         https://ubuntu.com/advantage

System information as of Wed 15 Nov 2023 04:04:49 AM UTC

System load:  0.04          Processes:             117
Usage of /:   55.8% of 8.02GB Users logged in:          1
Memory usage: 55%          IPv4 address for enp0s3: 10.1.10.150
Swap usage:   2%

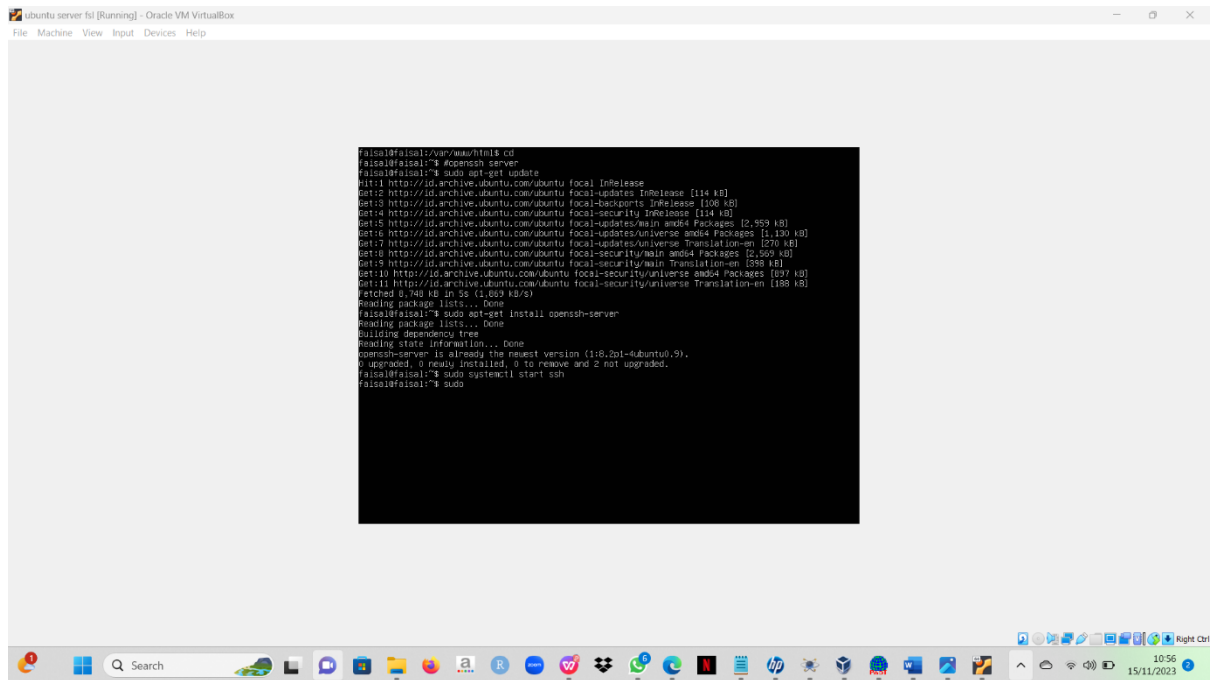
* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
  just raised the bar for easy, resilient and secure K8s cluster deployment.

https://ubuntu.com/engage/secure-kubernetes-at-the-edge

67 updates can be applied immediately.
2 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

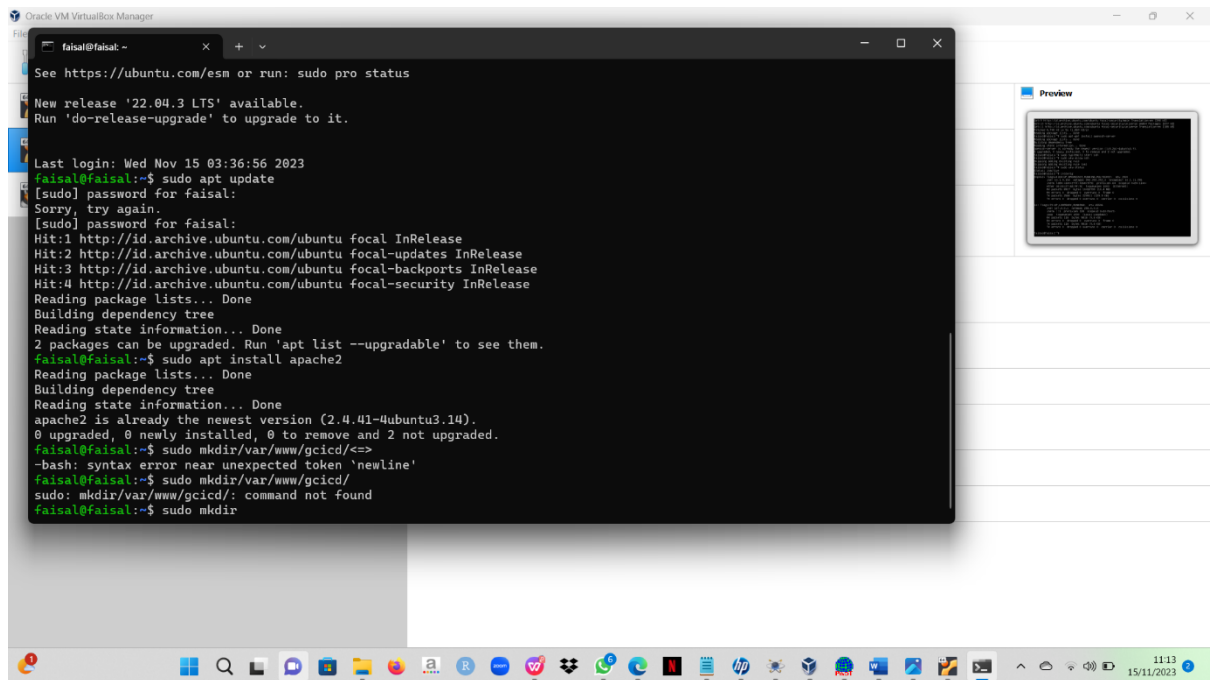
Last login: Wed Nov  8 08:05:27 2023 from 10.1.8.27
diaz@diaz:~$ sudo apt update
[sudo] password for diaz:
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
66 packages can be upgraded. Run 'apt list --upgradable' to see them.
diaz@diaz:~$
```

- install ssh pada server



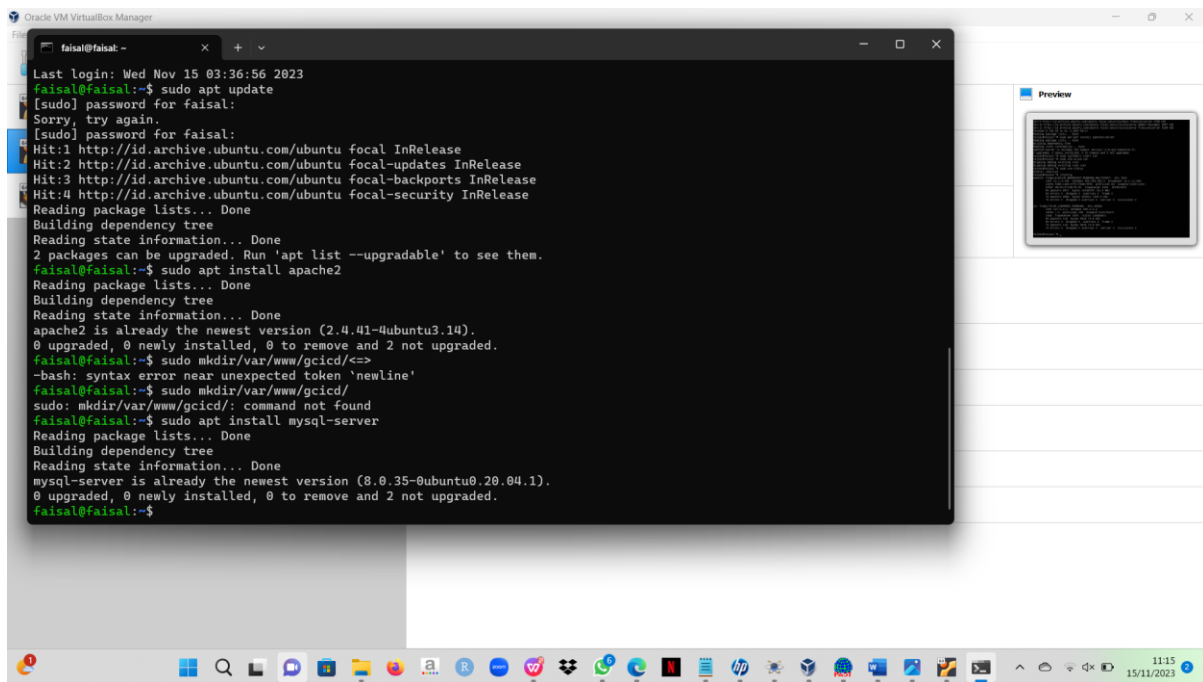
```
faissal@faissal:~$ cd /var/www/html
faissal@faissal:~$ sudo apt-get update
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Hit:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Hit:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Hit:5 http://id.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2,559 kB]
Hit:6 http://id.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [1,130 kB]
Hit:7 http://id.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [570 kB]
Hit:8 http://id.archive.ubuntu.com/ubuntu focal-security/main amd64 Packages [2,559 kB]
Hit:9 http://id.archive.ubuntu.com/ubuntu focal-security/main Translation-en [388 kB]
Hit:10 http://id.archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [697 kB]
Hit:11 http://id.archive.ubuntu.com/ubuntu focal-security/universe Translation-en [188 kB]
Fetched 9,740 kB in 52s (1,609 kB/s)
Reading package lists... Done
faissal@faissal:~$ sudo apt-get install openssh-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
openssh-server is already the newest version (1:8.2p1-4ubuntu0.9).
0 upgraded, 0 newly installed, 0 to remove and 2 not upgraded.
faissal@faissal:~$ sudo systemctl start ssh
faissal@faissal:~$
```

- Setelah SSH sudah terinstall kemudian install apache menggunakan cmd



```
faissal@faissal:~$ sudo apt update
See https://ubuntu.com/esm or run: sudo pro status
New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.
Last login: Wed Nov 15 03:36:56 2023
faissal@faissal:~$ sudo apt update
[sudo] password for faissal:
Sorry, try again.
[sudo] password for faissal:
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
2 packages can be upgraded. Run 'apt list --upgradable' to see them.
faissal@faissal:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
apache2 is already the newest version (2.4.41-4ubuntu3.14).
0 upgraded, 0 newly installed, 0 to remove and 2 not upgraded.
faissal@faissal:~$ sudo mkdir /var/www/gcicd/
-bash: syntax error near unexpected token 'newLine'
faissal@faissal:~$ sudo mkdir /var/www/gcicd/
sudo: mkdir/var/www/gcicd/: command not found
faissal@faissal:~$ sudo mkdir
```

- Kemudian instal mysql di ubuntu server menggunakan cmd



```
faisal@faisal:~$ sudo apt update
Last login: Wed Nov 15 03:36:56 2023
faisal@faisal:~$ sudo apt update
[sudo] password for faisal:
Sorry, try again.
[sudo] password for faisal:
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
2 packages can be upgraded. Run 'apt list --upgradable' to see them.
faisal@faisal:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
apache2 is already the newest version (2.4.41-4ubuntu3.14).
0 upgraded, 0 newly installed, 0 to remove and 2 not upgraded.
faisal@faisal:~$ sudo mkdir/var/www/gcicd/==>
-bash: syntax error near unexpected token `newline'
faisal@faisal:~$ sudo mkdir/var/www/gcicd/
sudo: mkdir/var/www/gcicd/: command not found
faisal@faisal:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
mysql-server is already the newest version (8.0.35-0ubuntu0.20.04.1).
0 upgraded, 0 newly installed, 0 to remove and 2 not upgraded.
faisal@faisal:~$
```

- Teruskan hingga wordpress terinstall

