

LAPORAN PEMROSESAN PARALEL



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Laporan Step By Step Cara Mendownload NginX

1. Login sebagai user di ubuntu server

```
Ubuntu Server [Running] - Oracle VM VirtualBox
ekaratna tty1
ekaratna login:
Password:
Last login: Wed Oct 25 01:21:10 UTC 2023 on tty1
Welcome to Ubuntu 18.04.6 LTS (GNU/Linux 4.15.0-213-generic x86_64)

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

System information as of Wed Oct 25 13:28:49 UTC 2023

System load:  0.27          Processes:    92
Usage of /:   20.9% of 19.52GB   Users logged in: 0
Memory usage: 10%           IP address for enp0s3: 192.168.100.131
Swap usage:   0%

 * 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

42 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

ekaratna@ekaratna:~$
```

2. Gunakan perintah “sudo apt update” untuk memperbarui daftar paket yang tersedia

```
ekaratna@ekaratna:~$ sudo apt update
[sudo] password for ekaratna:
Hit:1 http://id.archive.ubuntu.com/ubuntu bionic InRelease
Hit:2 http://id.archive.ubuntu.com/ubuntu bionic-updates InRelease
Hit:3 http://id.archive.ubuntu.com/ubuntu bionic-backports InRelease
Hit:4 http://id.archive.ubuntu.com/ubuntu bionic-security InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
42 packages can be upgraded. Run 'apt list --upgradable' to see them.
ekaratna@ekaratna:~$
```

3. Install NginX dengan “sudo apt install nginx”

```
ekaratna@ekaratna:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree
Reading state information... Done
nginx is already the newest version (1.14.0-0ubuntu1.11).
0 upgraded, 0 newly installed, 0 to remove and 42 not upgraded.
ekaratna@ekaratna:~$ sudo ufw app list
```

4. Melihat aplikasi apa saja yang sudah diinstal dengan “sudo ufw app list”

```
ekaratna@ekaratna:~$ sudo ufw app list
Available applications:
  Nginx Full
  Nginx HTTP
  Nginx HTTPS
  OpenSSH
ekaratna@ekaratna:~$
```

5. Disarankan agar mengaktifkan profil yang masih mengizinkan traffic yang dikonfigurasi. Saat ini, hanya perlu mengizinkan traffic di port 80.

```
ekaratna@ekaratna:~$ sudo ufw allow 'Nginx HTTP'
Rules updated
Rules updated (v6)
ekaratna@ekaratna:~$
```

6. Memastikan layanan berjalan

```
ekaratna@ekaratna:~$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
   Active: active (running) since Sat 2023-10-28 04:44:37 UTC; 9min ago
     Docs: man:nginx(8)
   Main PID: 2228 (nginx)
    Tasks: 2 (limit: 2311)
   CGroup: /system.slice/nginx.service
           └─2228 nginx: master process /usr/sbin/nginx -g daemon on; master_process on;
              2230 nginx: worker process

Oct 28 04:44:37 ekaratna systemd[1]: Starting A high performance web server and a reverse
Oct 28 04:44:37 ekaratna systemd[1]: nginx.service: Failed to parse PID from file /run/ng
Oct 28 04:44:37 ekaratna systemd[1]: Started A high performance web server and a reverse
ekaratna@ekaratna:~$
```

7. Akses halaman arahan default Nginx untuk mengonfirmasi bahwa perangkat lunak berjalan dengan baik dengan menavigasi ke alamat IP server Anda. Jika tidak mengetahui alamat IP server Anda, Anda dapat menemukannya dengan menggunakan alat icanhazip.com.

```
ekaratna@ekaratna:~$ curl -4 icanhazip.com
q182.253.133.215
ekaratna@ekaratna:~$
```

8. Setelah itu ketik IP tersebut di searchbar dan akan muncul tampilan sebagai berikut.

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.