LAPORAN ADMINISTRASI JARINGAN DAN SERVER

WORDPRESS DAN LARAVEL

Disusun Oleh :

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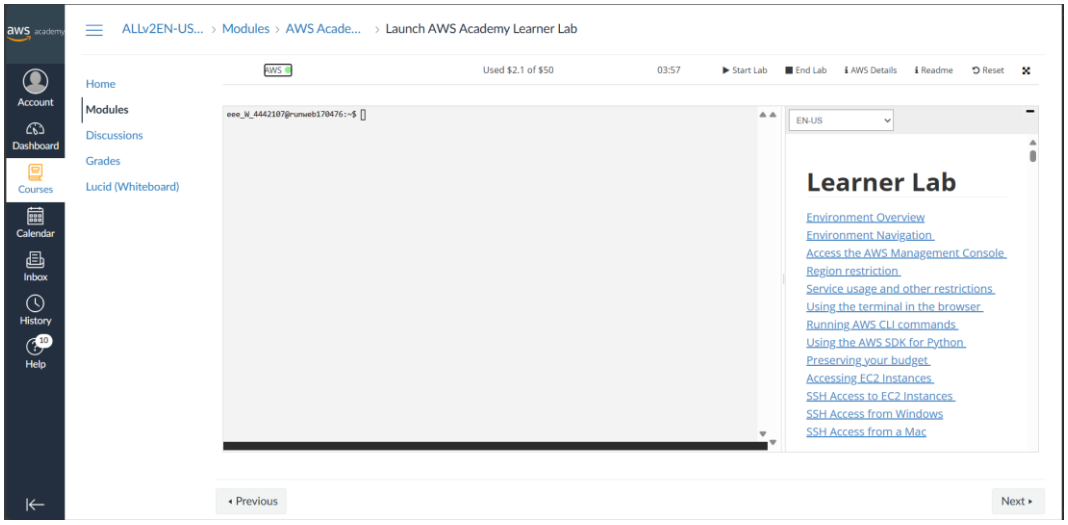
2301082020

KELAS 2A TEKNIK KOMPUTER
JURUSAN TEKNOLOGI INFORMASI
PROGRAM STUDI D3 TEKNIK KOMPUTER
POLITEKNIK NEGERI PADANG

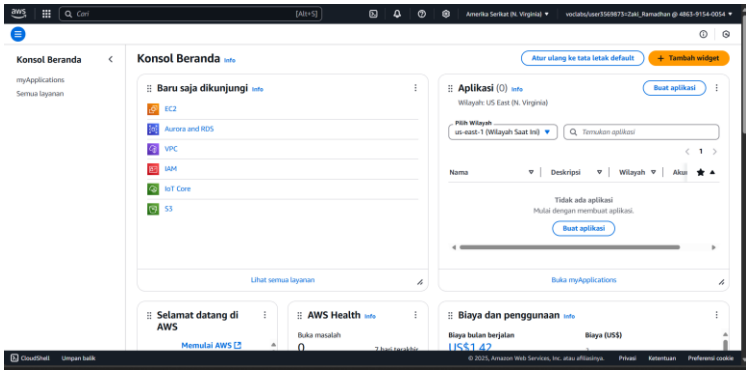
2025

Laporan AWS Ujian Tengah Semester

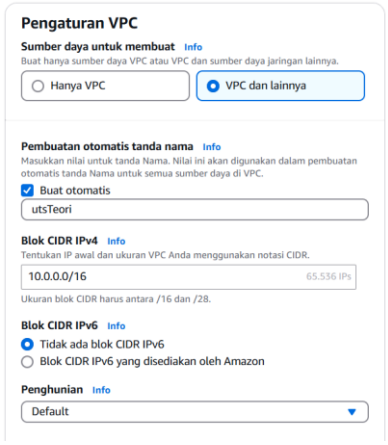
1.Buka lab aws dengan mengklik icon segitiga

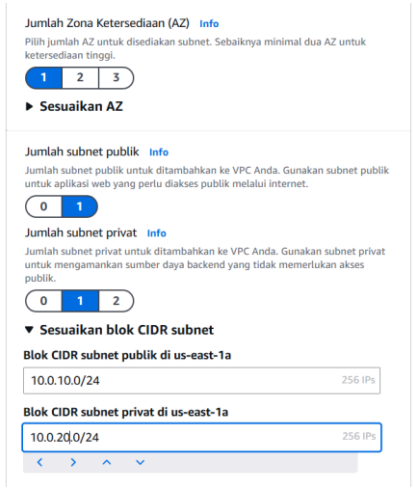


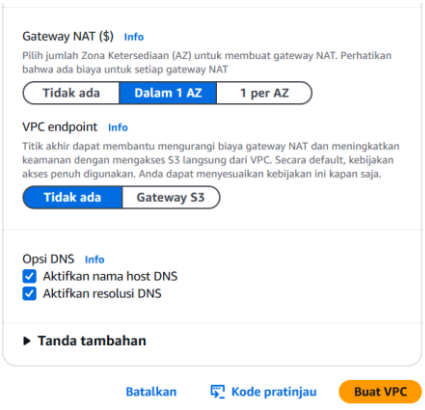
Halaman utama AWS



2.buka Layanan VPC dan buat vpc



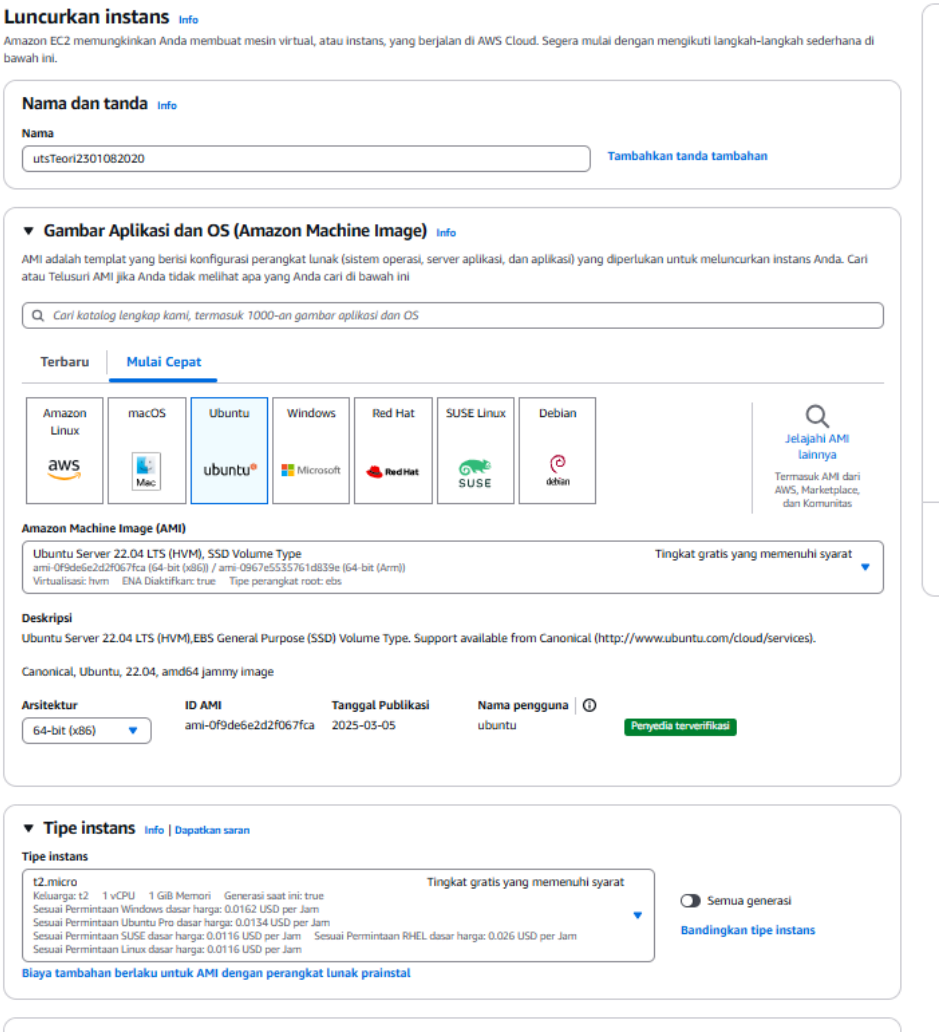




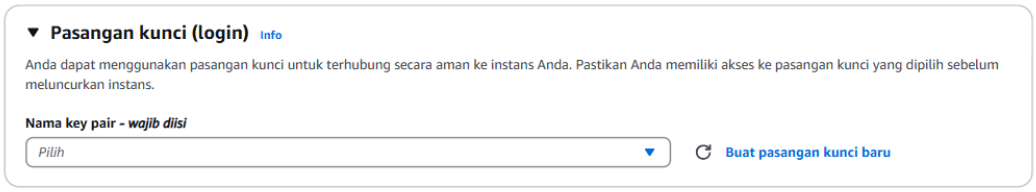
3.Buka layanan EC 2 lalu ke tab instans dan pencet tombol

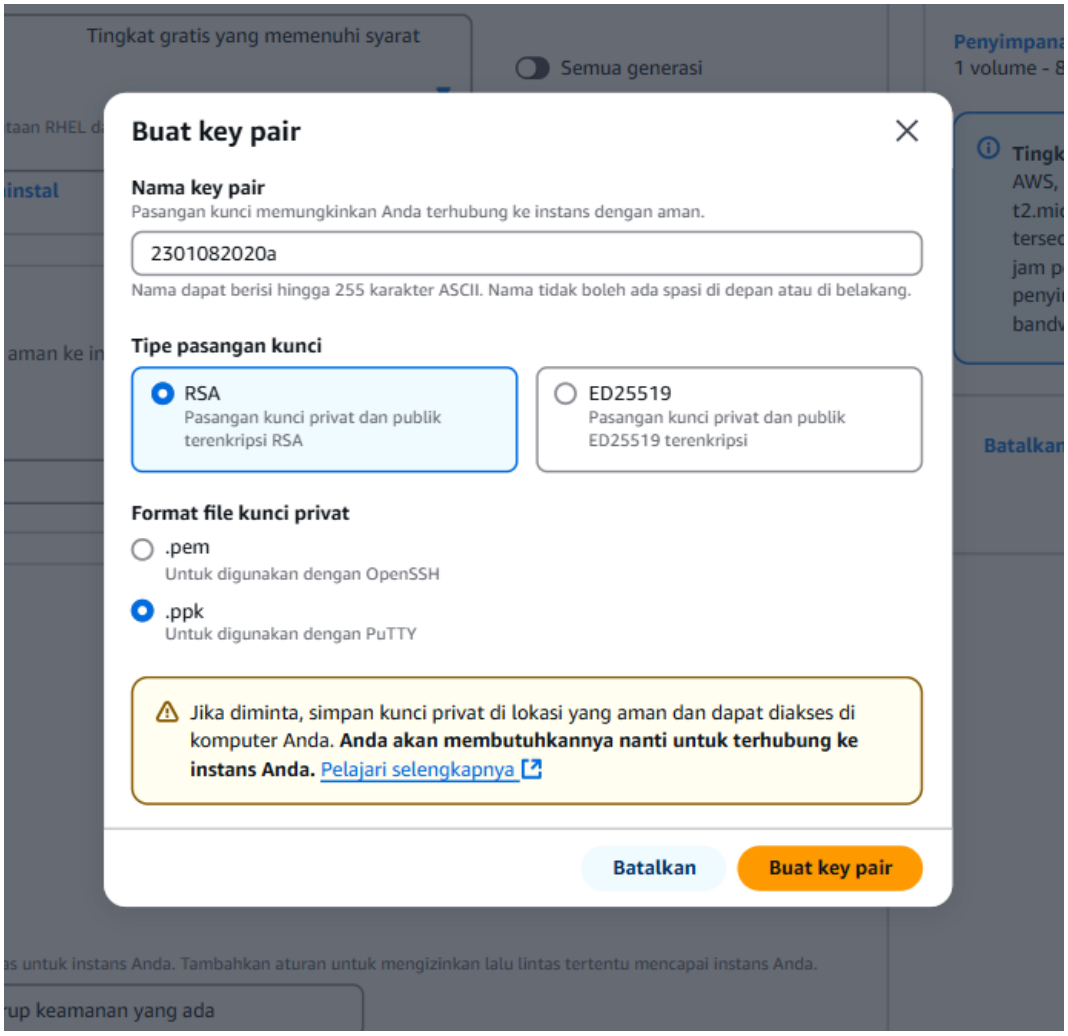
Lalu Buat instans nya

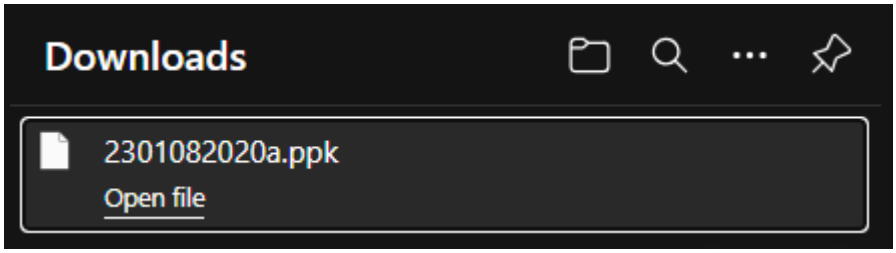
4.Buat nama instans, pilih image dan tipe instans nya



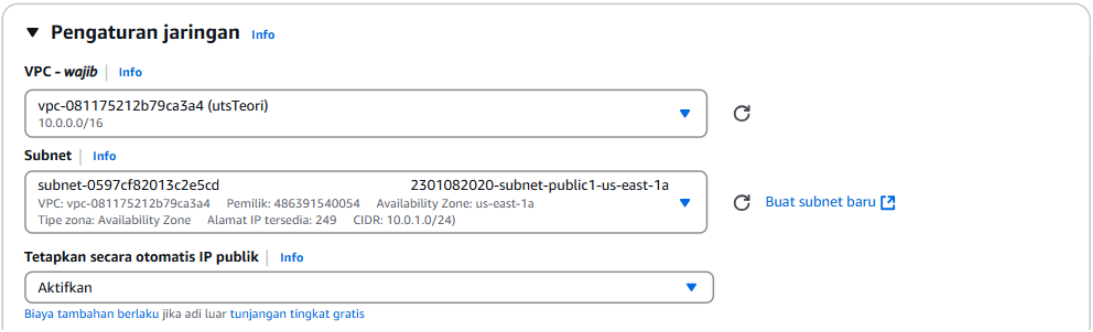
5.Buat **Key Pair** nya dengan contoh berikut




Tingkat gratis yang memenuhi syarat
Semua generasi
Buat key pair
Nama key pair
Pasangan kunci memungkinkan Anda terhubung ke instans dengan aman.
2301082020a
Nama dapat berisi hingga 255 karakter ASCII. Nama tidak boleh ada spasi di depan atau di belakang.
Tipe pasangan kunci
RSA
Pasangan kunci privat dan publik terenkripsi RSA
ED25519
Pasangan kunci privat dan publik ED25519 terenkripsi
Format file kunci privat
.pem
Untuk digunakan dengan OpenSSH
.ppk
Untuk digunakan dengan PuTTY
Jika diminta, simpan kunci privat di lokasi yang aman dan dapat diakses di komputer Anda. Anda akan membutuhkannya nanti untuk terhubung ke instans Anda. Pelajari selengkapnya
Batalkan
Buat key pair

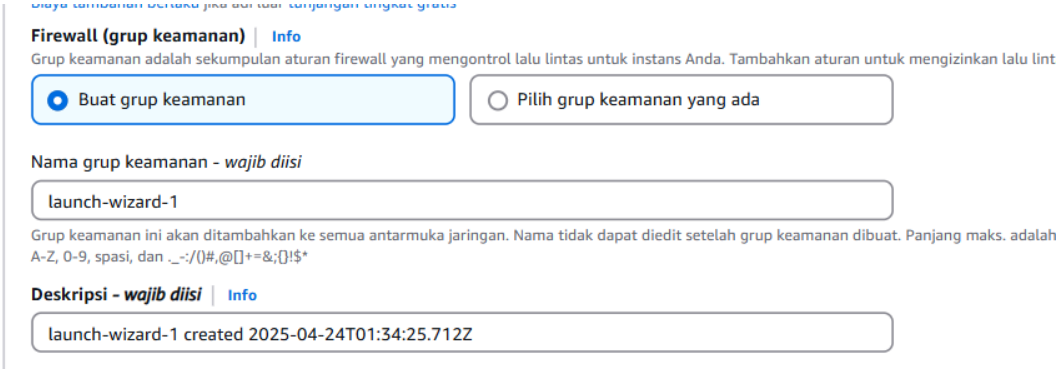

Downloads
2301082020a.ppk
Open file

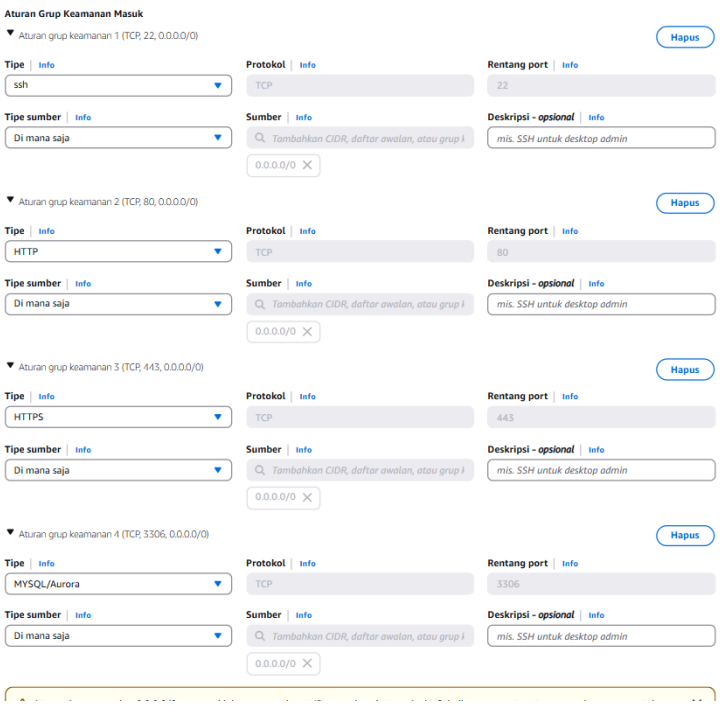
6.Pengaturan di Kolom jaringan



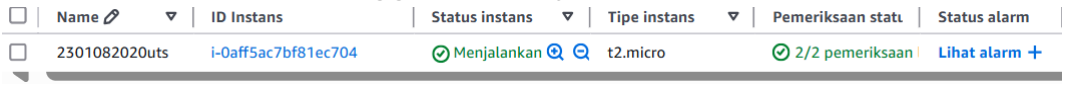
Menggunakan Vpc yang tadi di buat dan menggunakan subnet public 1

7.Pengaturan Security group

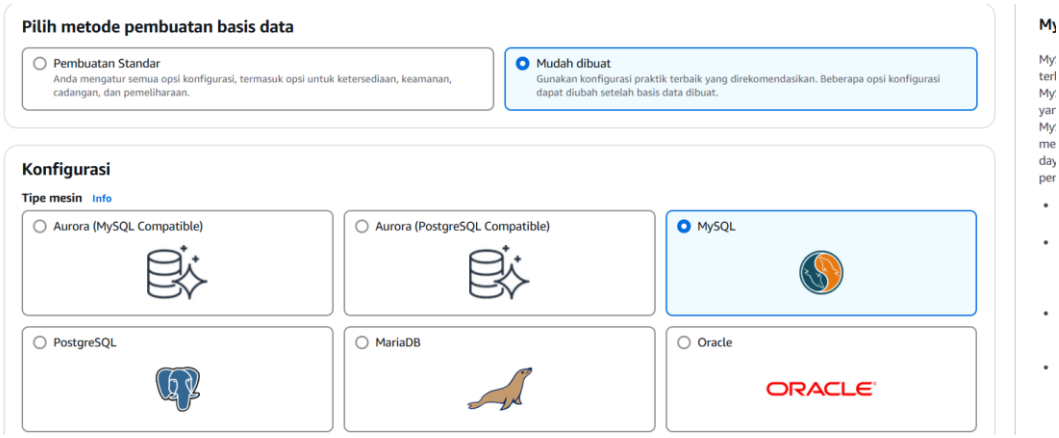


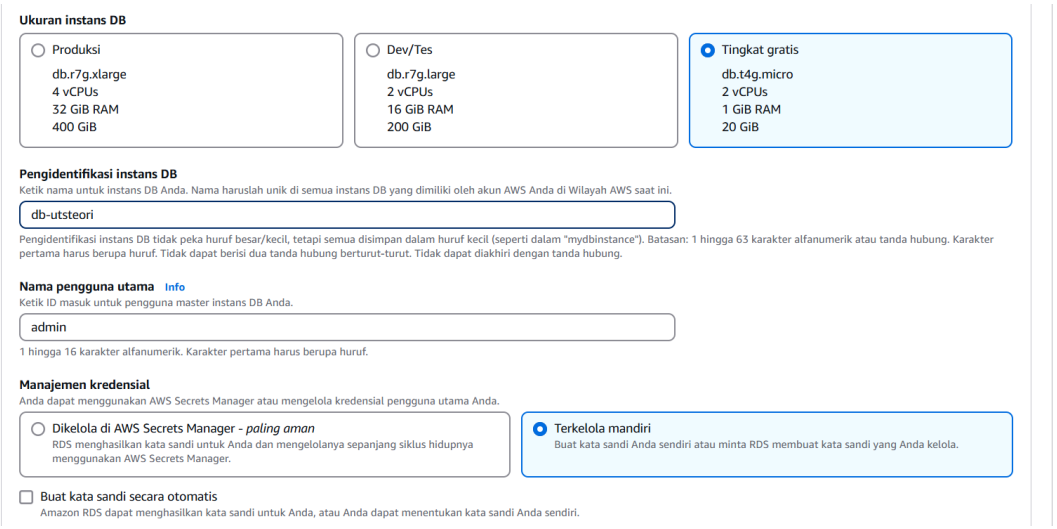


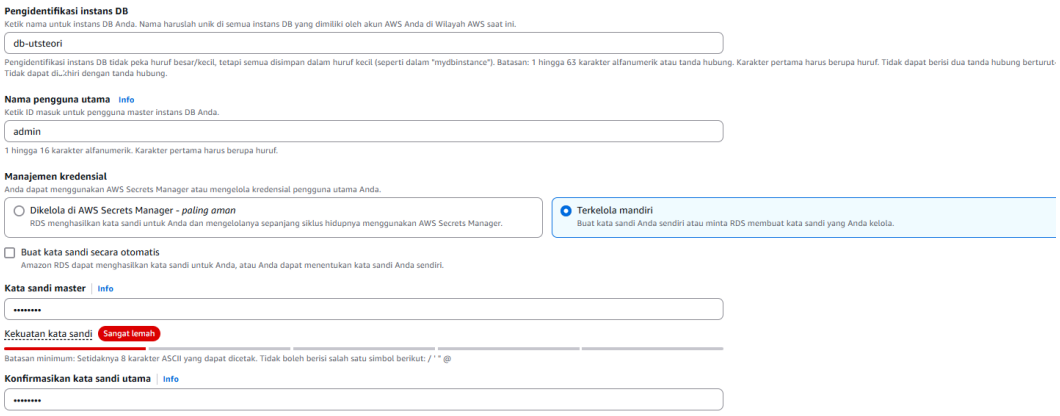
8. Luncurkan instans hingga status hijau



9.Buka layanan RDS, dan buat instans Basis data



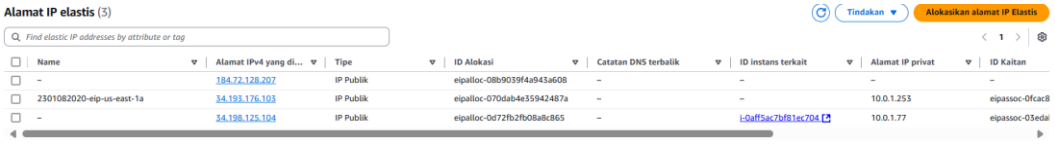




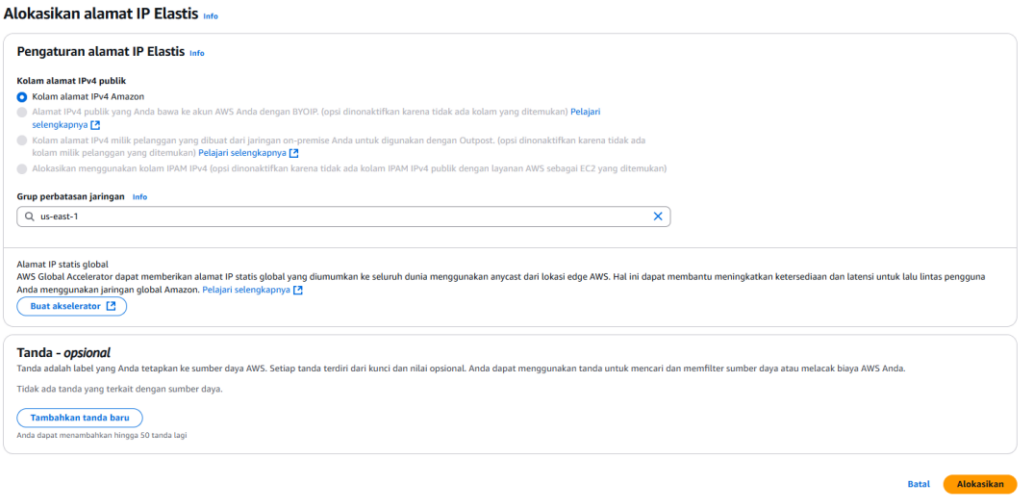
Lalu buat Basis datanya

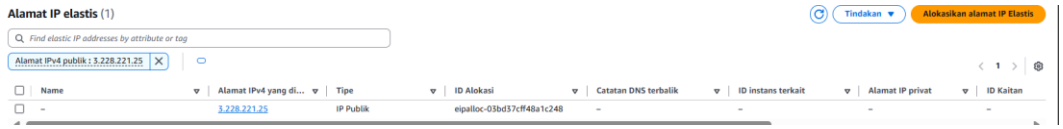
dan tunggu hingga hijau statusnya

10.Buat IP Elastis

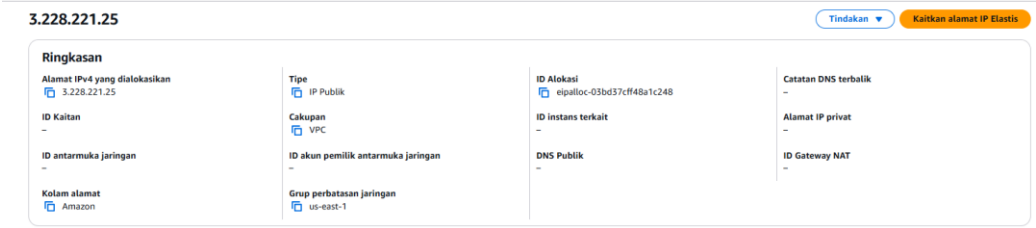


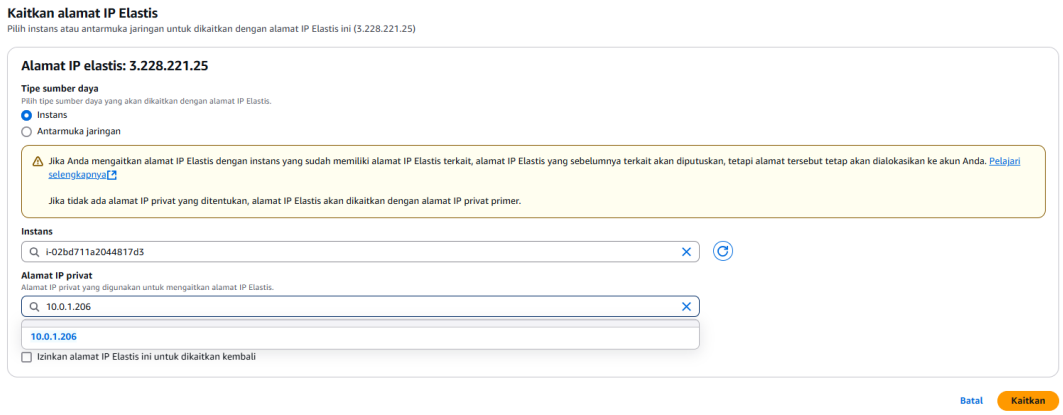
11.Alokasikan Ip elastis

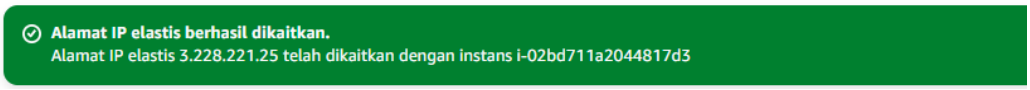




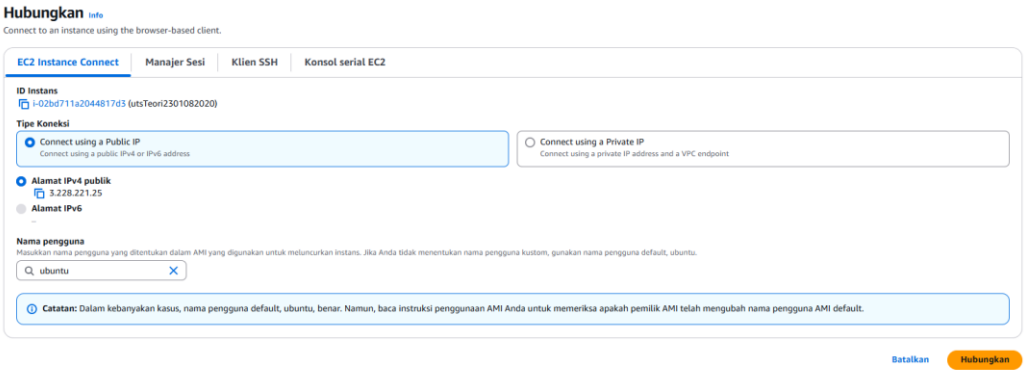
12.Pilih Ip elastisnya lalu alokasikan ipnya dengan instans yg kita buat

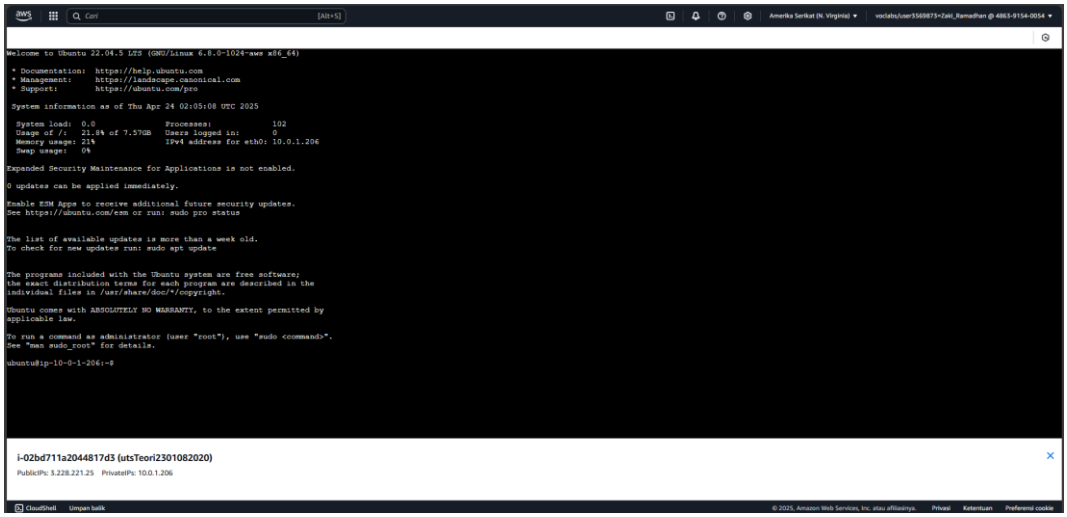






13.Hubungkan ke instans yang tadi di buat





14. Masuk ke **root** terlebih dahulu dengan cara **`sudo -i`**

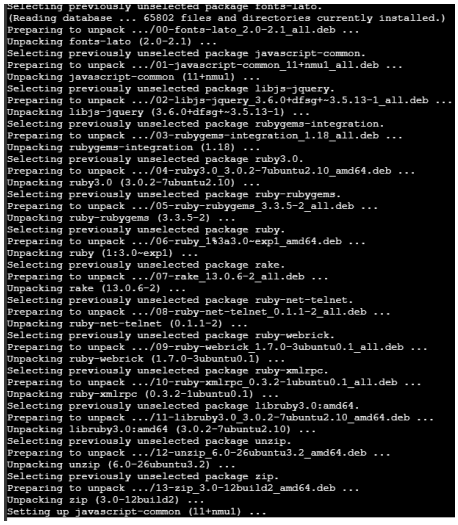
```
ubuntu@ip-10-0-1-206:~$ sudo -i
root@ip-10-0-1-206:~#
```

15.Install AAPANEL, buka halaman web aapanelnya https://www.aapanel.com/new/download.html copy script yang free

```
URL=https://www.aapanel.com/script/install_7.0_en.sh && if [ -f /usr/bin/curl ];then curl -ksSO "$URL" ;else wget --no-check-certificate -O install_7.0_en.sh "$URL";fi;bash install_7.0_en.sh aapanel
```

16.Masukan Syntaxnya ke dalam instans tadi

Ketik y untuk konfirmasi

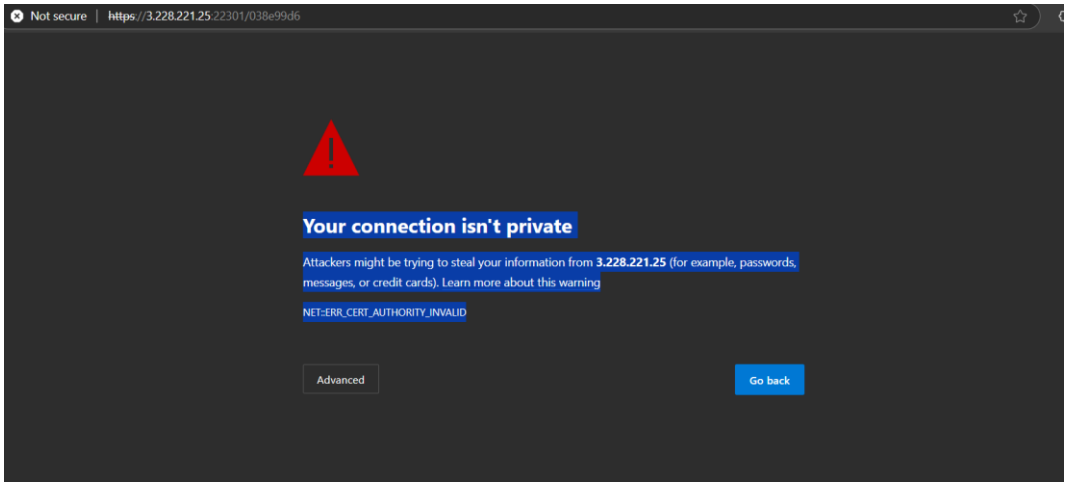


17. ini adalah hasil instalisasi aapanel

18.Copy saja Addressnya lalu buka di tab baru browser

https://3.228.221.25:22301/038e99d6

Jika muncul seperti ini, pencet saja advanced lalu continue saja

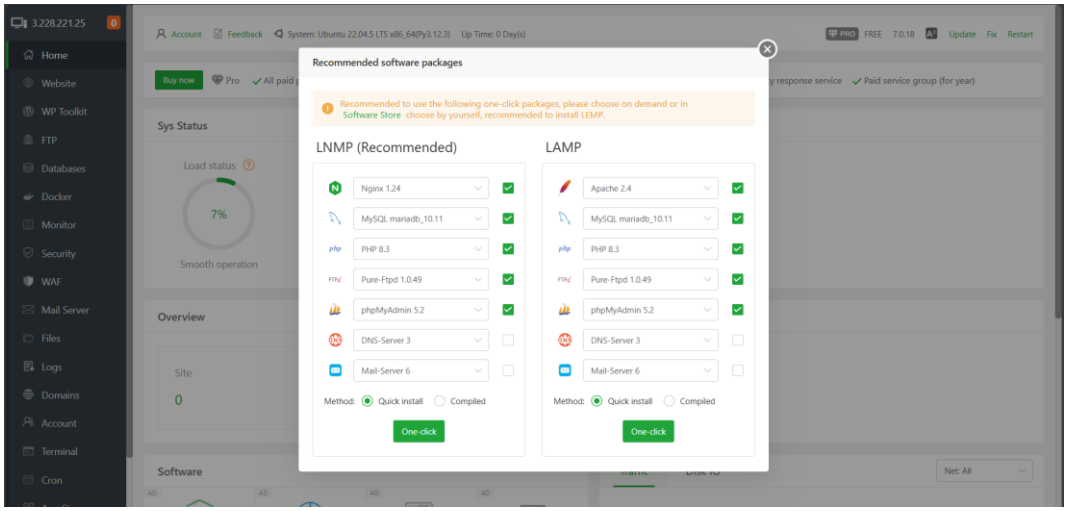


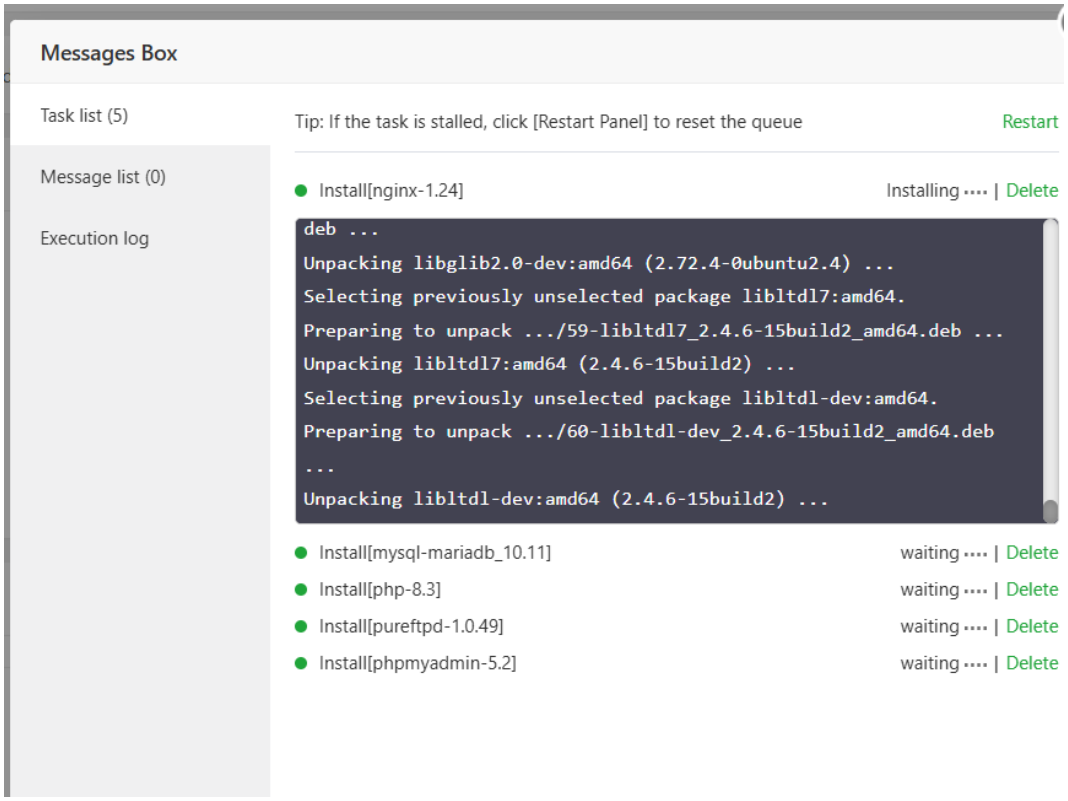
19.Masukkan usernam dan password

username: qyfsm7jn

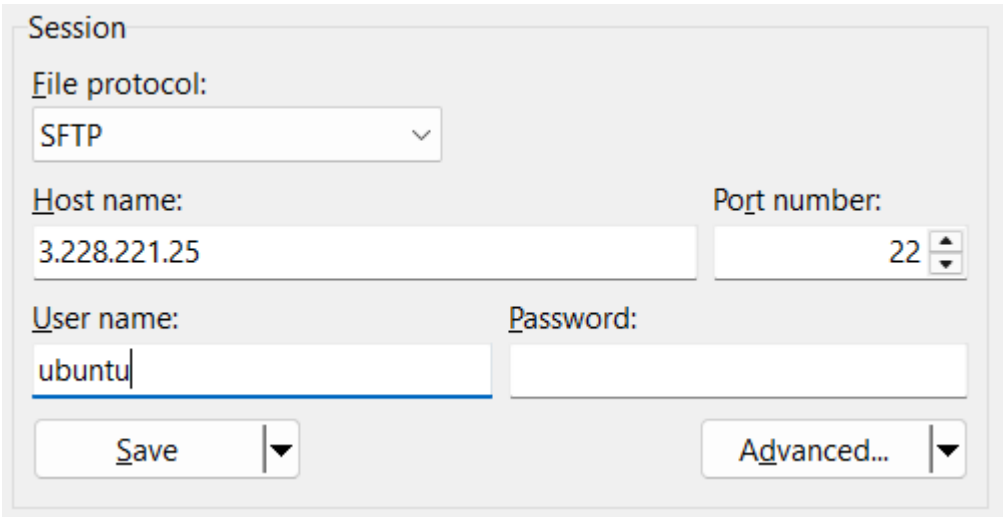
password: c4198d5e

20.Langsung saja install yang di rekomendasikan

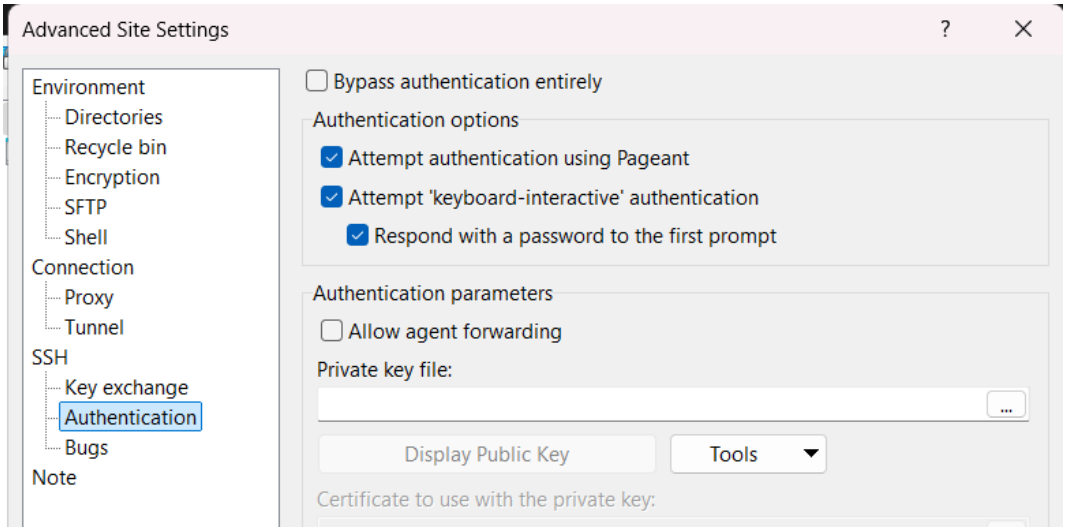




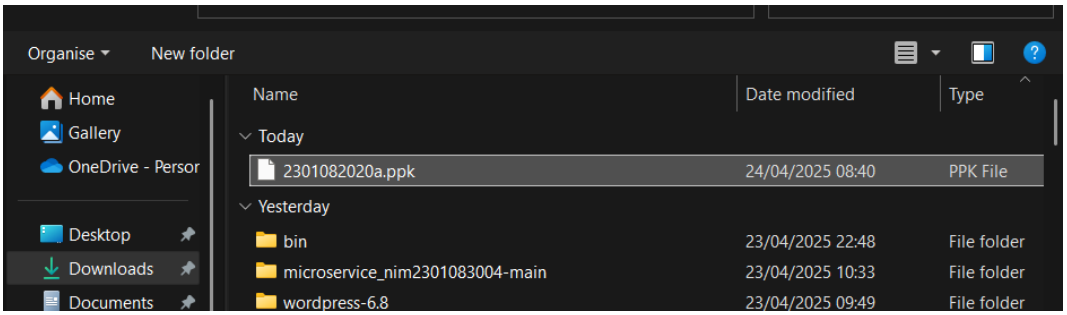
21.buka aplikasi Winscp, pilih winscp dan isi informasi sesuai instns yang kita buat tadi



Lalu ke advanced, Authentication

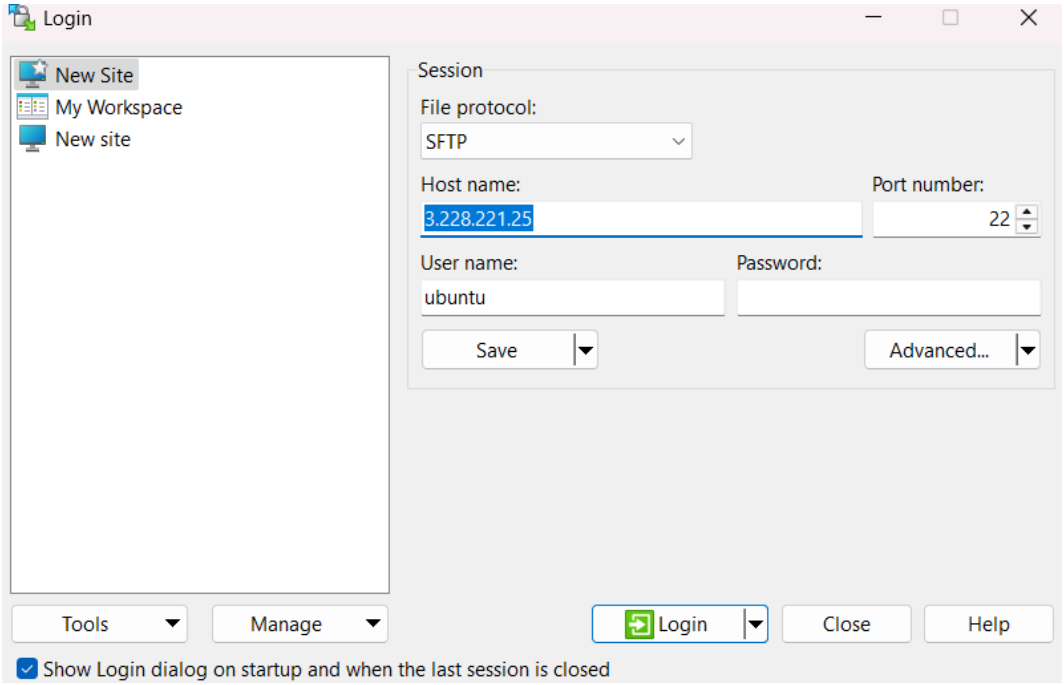


Browse file di tab Private key file

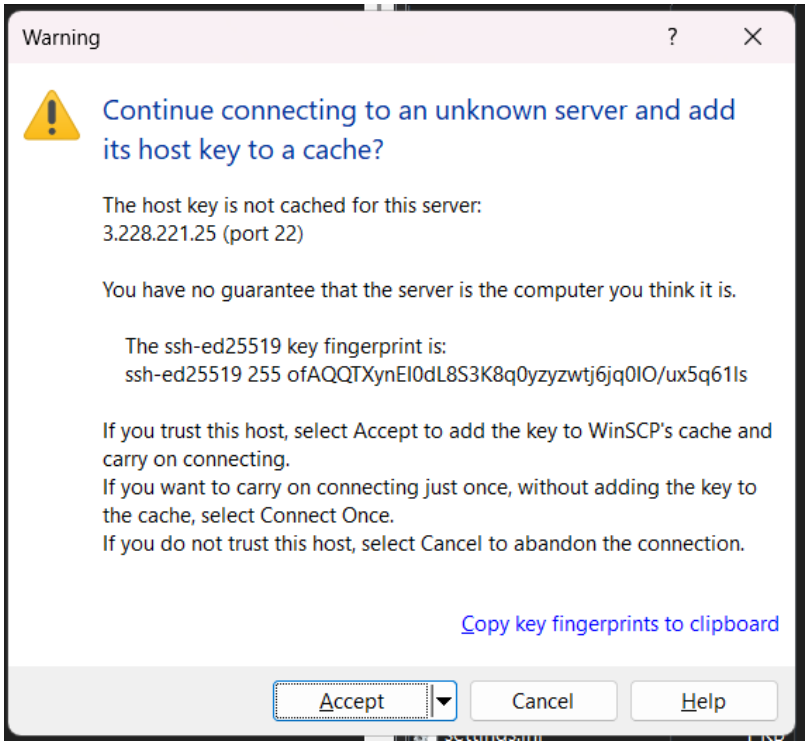


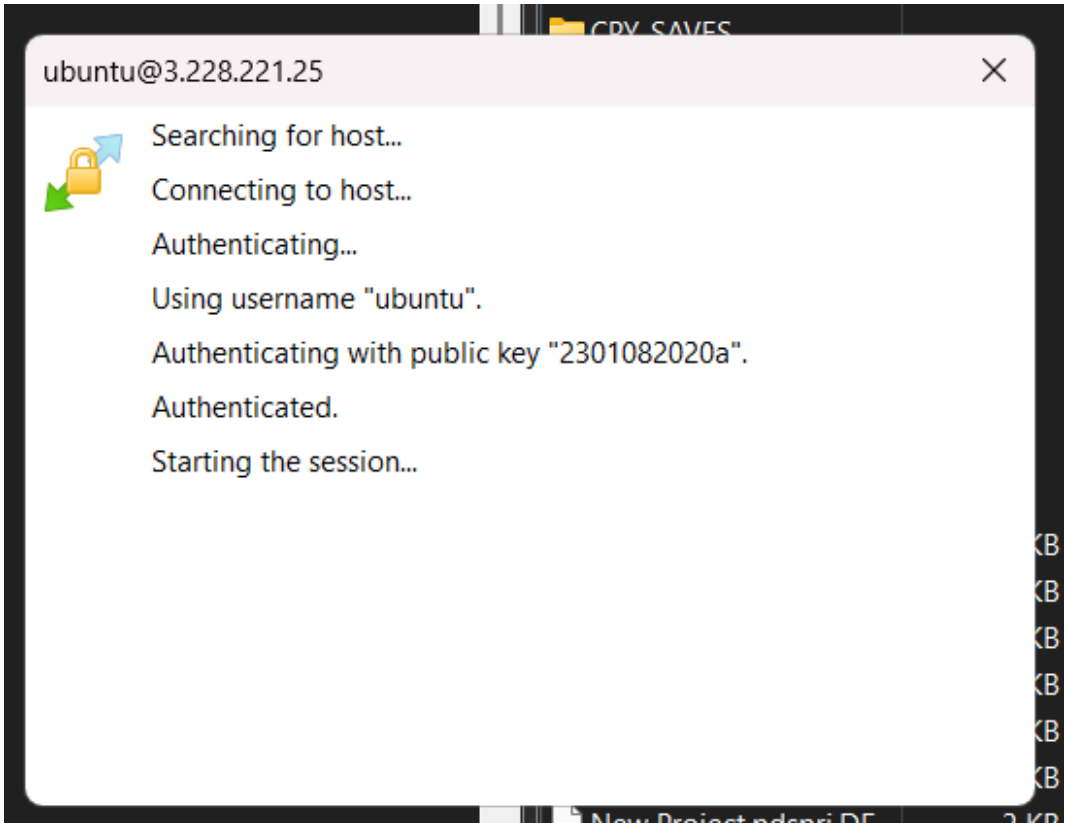
Lalu OK

22.Lalu Login ke ssh nya

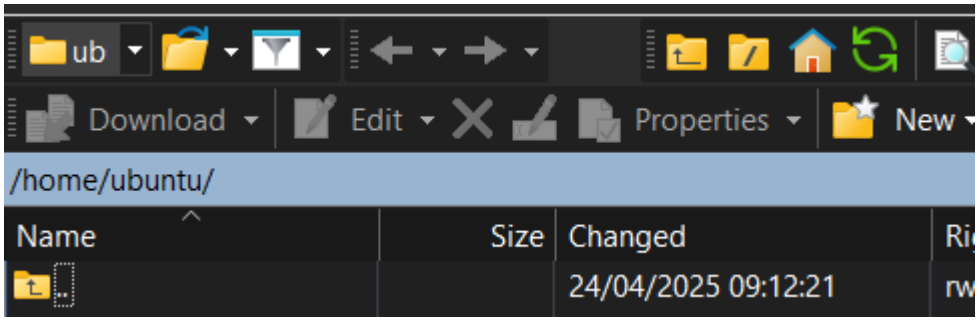


Accept saja

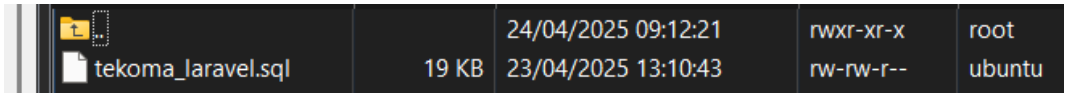




23.sudah berhasil connect ke direktori ssh nya



24.Masukan saja File Database .sql nya



25. Kembali ke instans EC2 tadi

```
Last login: Thu Apr 24 02:05:09 2025 from 18.206.107.28
ubuntu@ip-10-0-1-206:~$ ls
tekoma  laravel.sql
```

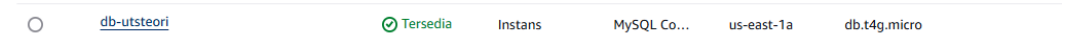
File yang tadi sudah masuk

26.Masuk ke Mysql dengan cara mengetik sintaks

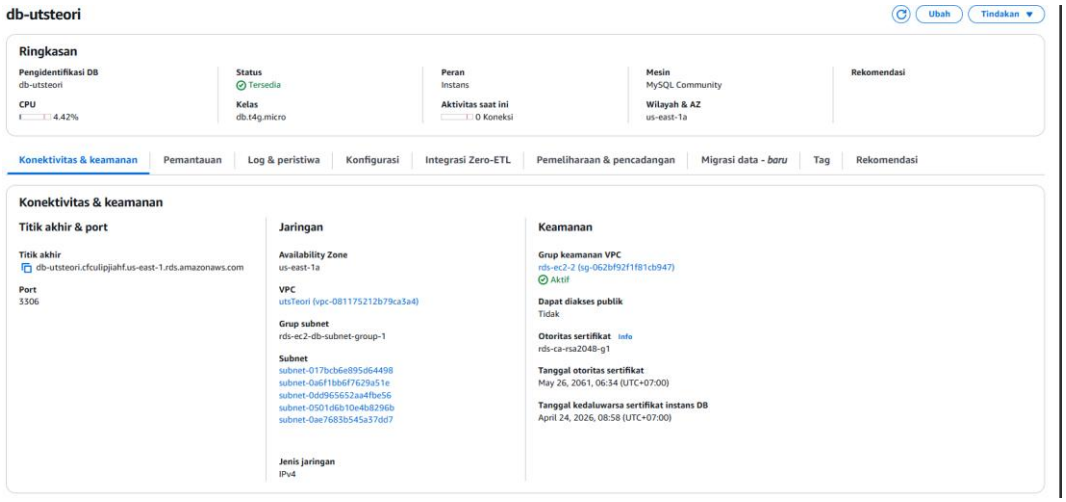
`mysql -h namahost -u usernameinstans -p`

Nama host di dapatkan dari RDS buka kembali layanan RDS

Pilih basis datanya pencet saja linknya.



Maka muncul seperti ini



Copy saja bagian “Titik Akhir”

db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com

lalu kembali ke instans dan mengetik syntax nya seperti ini

`ubuntu@ip-10-0-1-206:~$ mysql -h db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com -u admin -p`

```
ubuntu@ip-10-0-1-206:~$ mysql -h db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com -u mysql -p
Enter password:
```

Masukkan password anda

```
ubuntu@ip-10-0-1-206:~$ mysql -h db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 37
Server version: 8.0.40 Source distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]>
```

27.buat database baru dengan cara mengetik

`create database namadatabase;`

```
MySQL [(none)]> create database laravel_tekoma;
Query OK, 1 row affected (0.011 sec)

MySQL [(none)]>
```

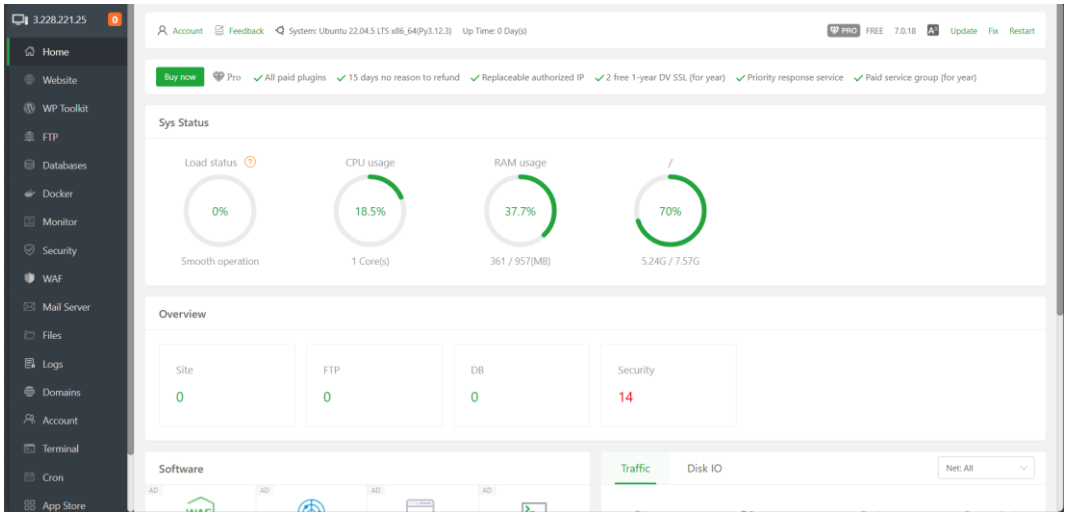
Lalu exit dan import database yang kita upload tadi dengan cara

`mysql -h db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com -u admin namadatabase -p < namadatabase.sql`

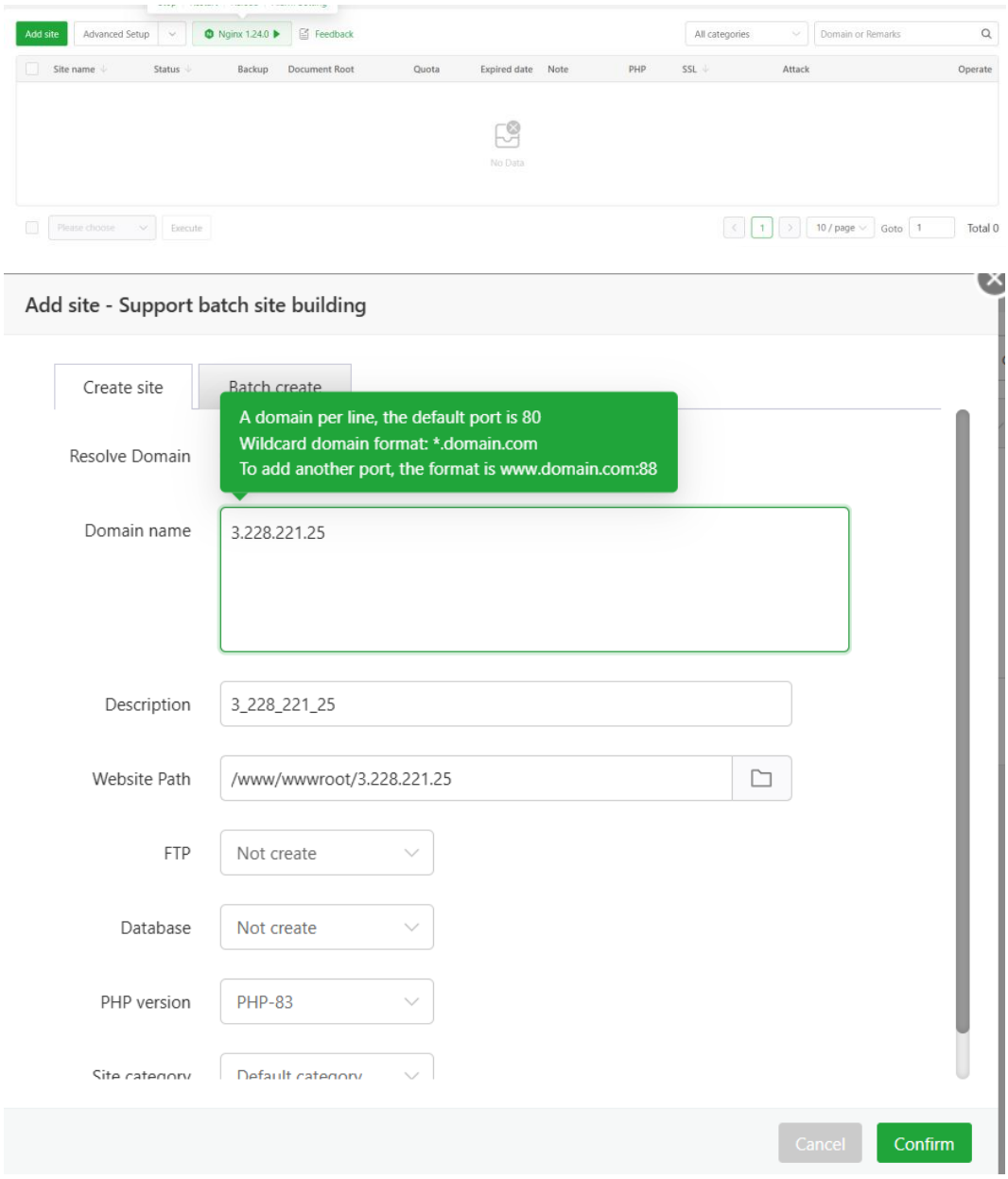
```
ubuntu@ip-10-0-1-206:~$ mysql -h db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com -u admin -p laravel_tekoma < tekoma_laravel.sql
Enter password:
ubuntu@ip-10-0-1-206:~$
```


```
ubuntu@ip-10-0-1-206:~$ mysql -h db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com -u admin -p laravel_tekoma < tekoma_laravel.sql
Enter password:
ubuntu@ip-10-0-1-206:~$
```

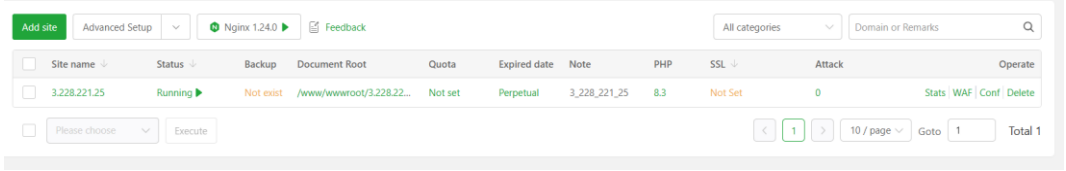

28.Kembali ke halaman aapanel



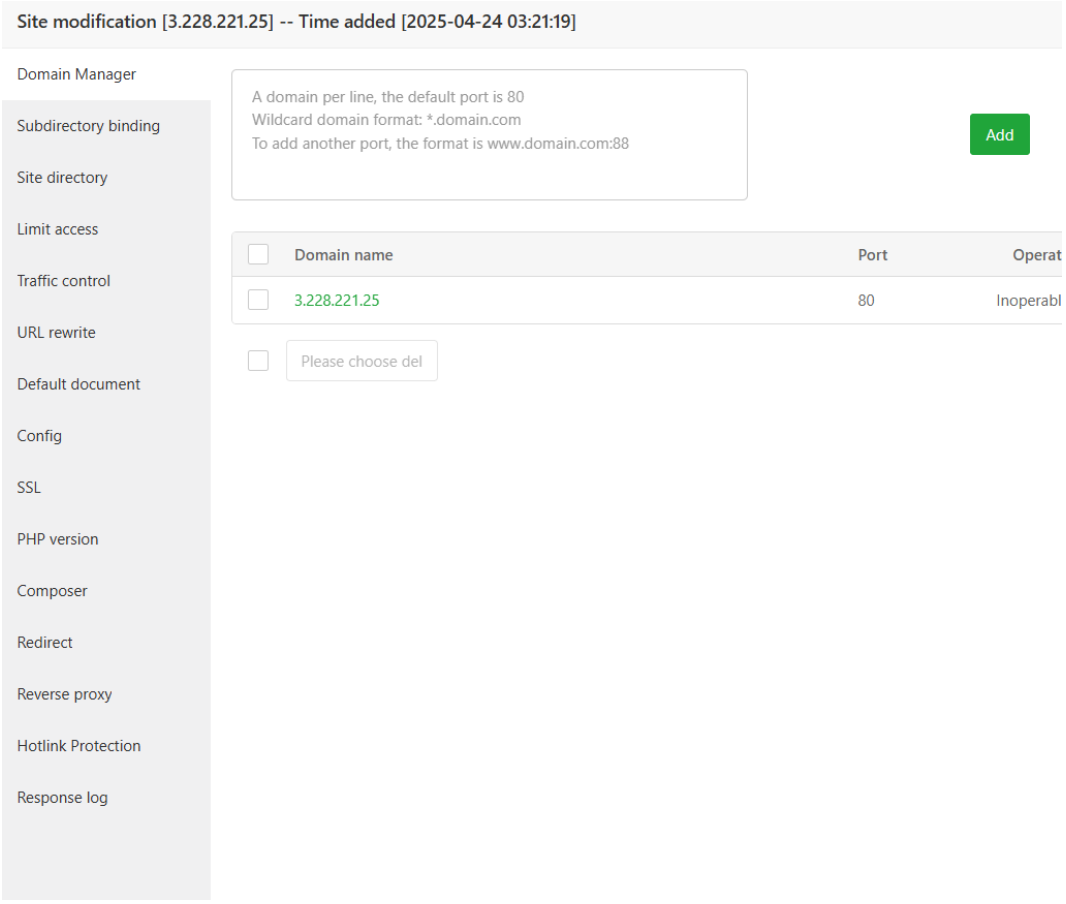
29.pergi ke tab website, add site



Contoh di atas lalu confirm

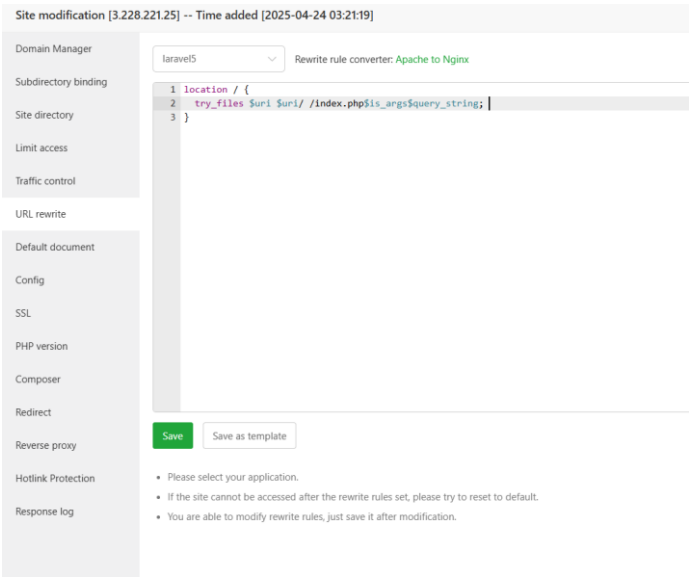


30. Pencet Conf



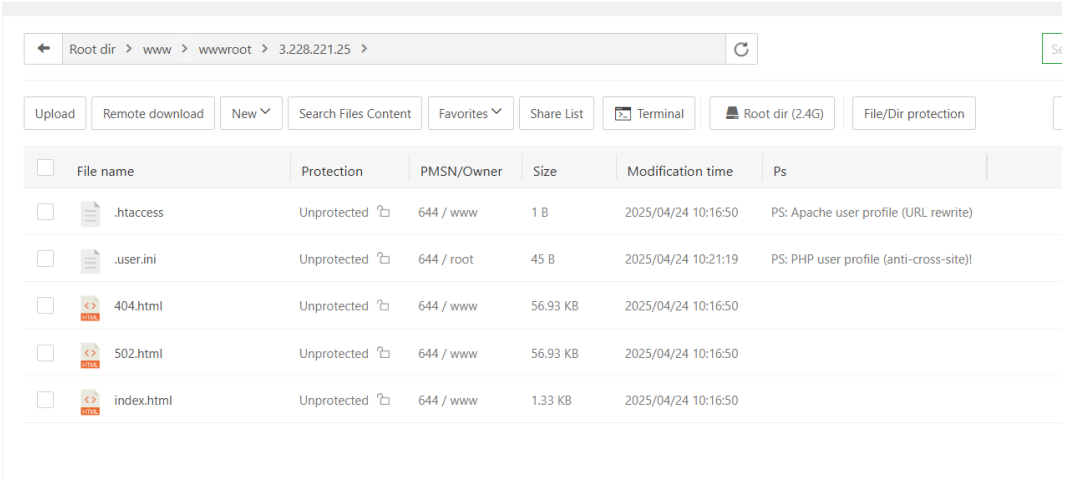
31. Ke tab Url rewrite

Lalu pilih laravel5

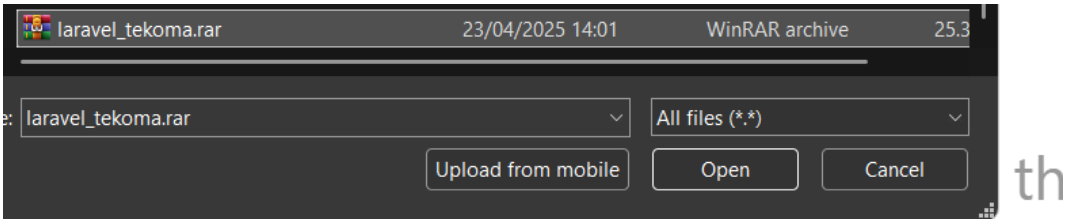


32. Masukkan File laravel anda pergi ke direktori web nya

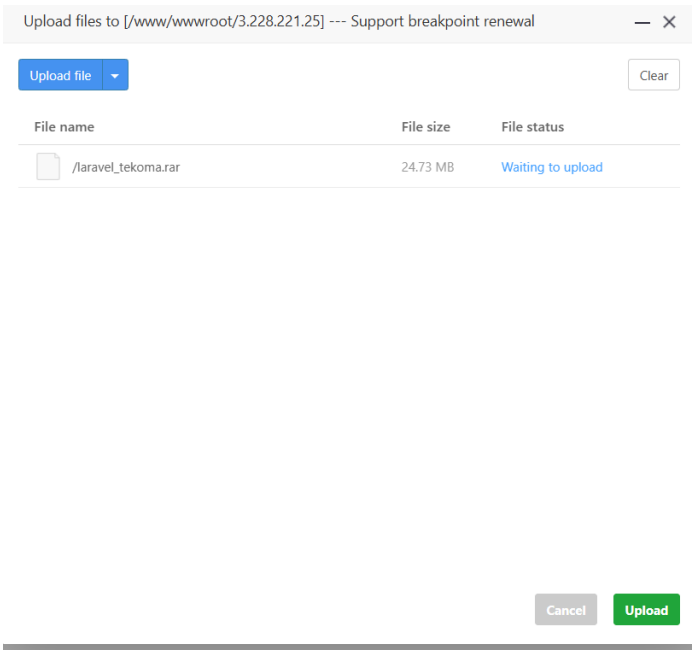
Lalu hapus semua file yang ada



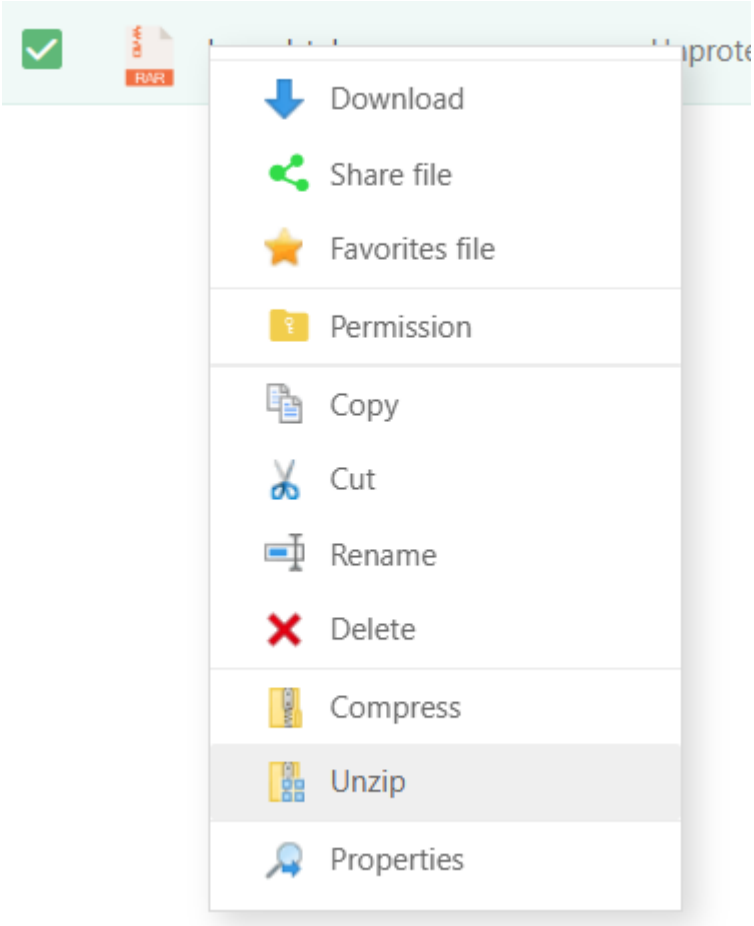
Kemudian upload



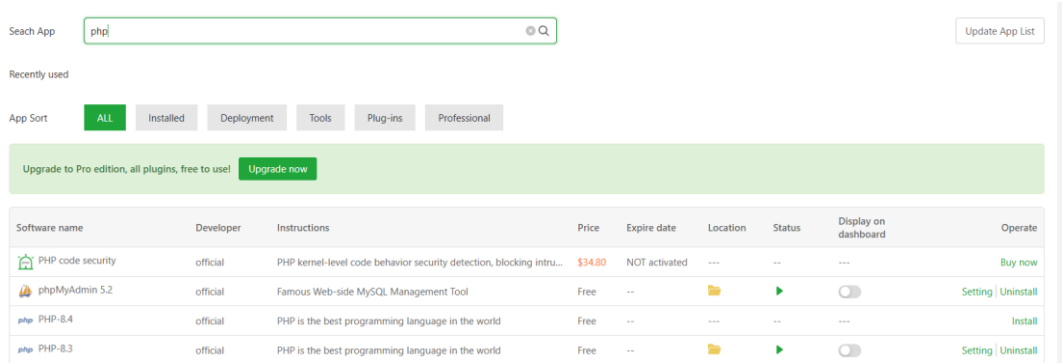
Lalu upload



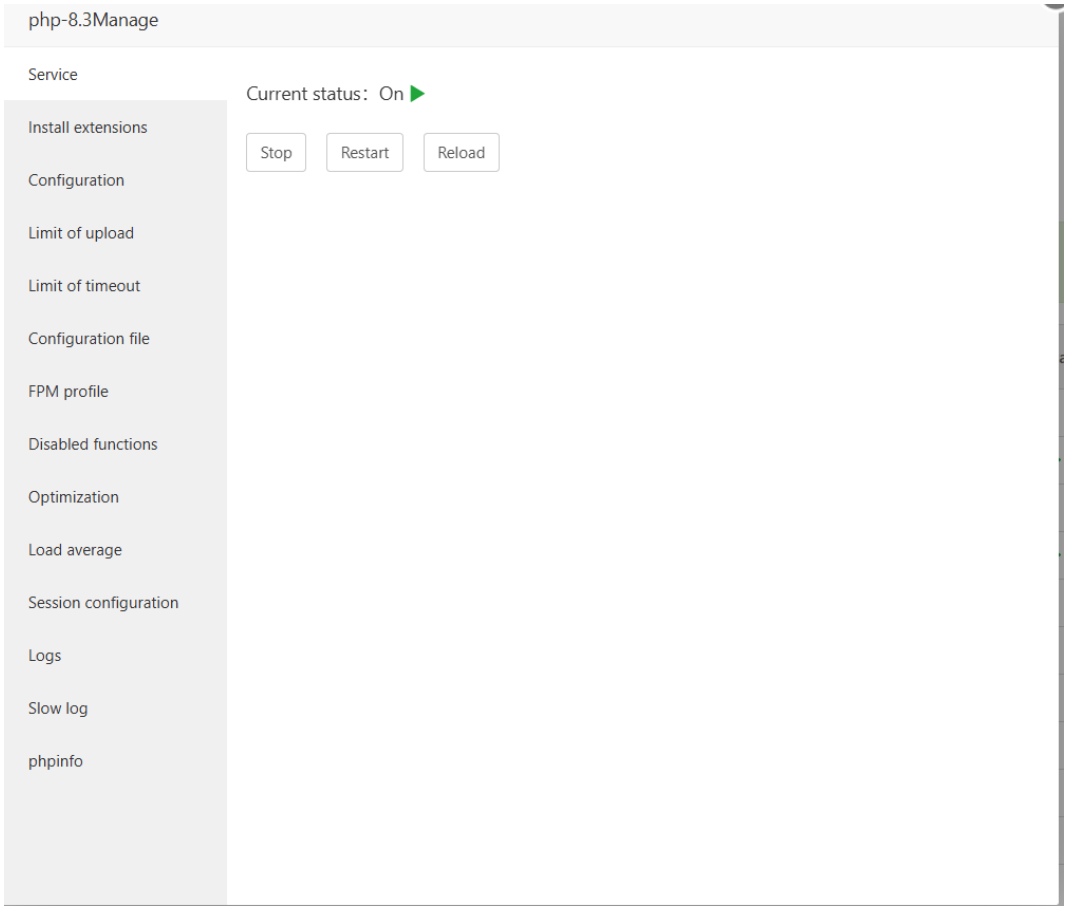
33. Ekstrak file rarnya



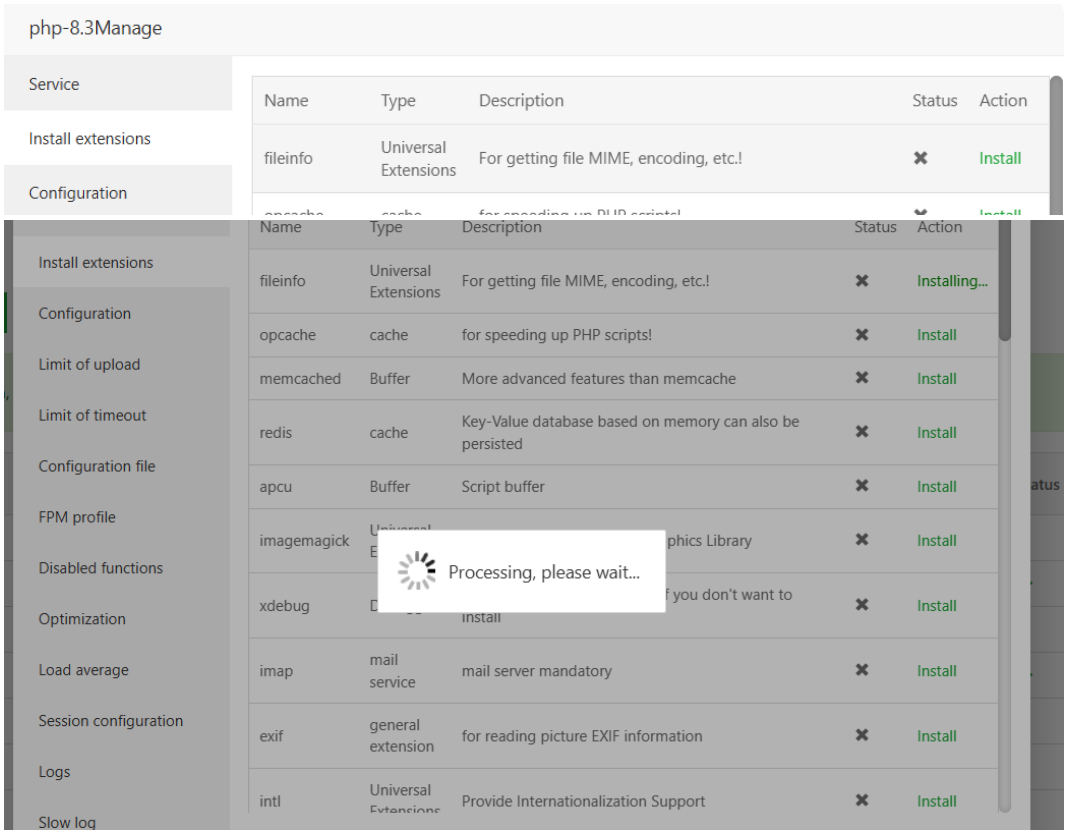
34.buka tab app store, cari php



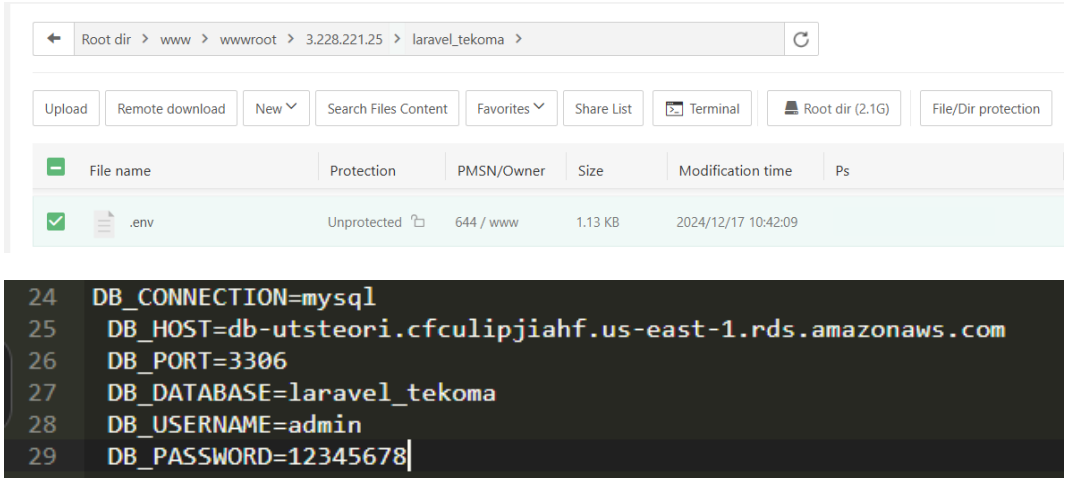
lalu setting install extension



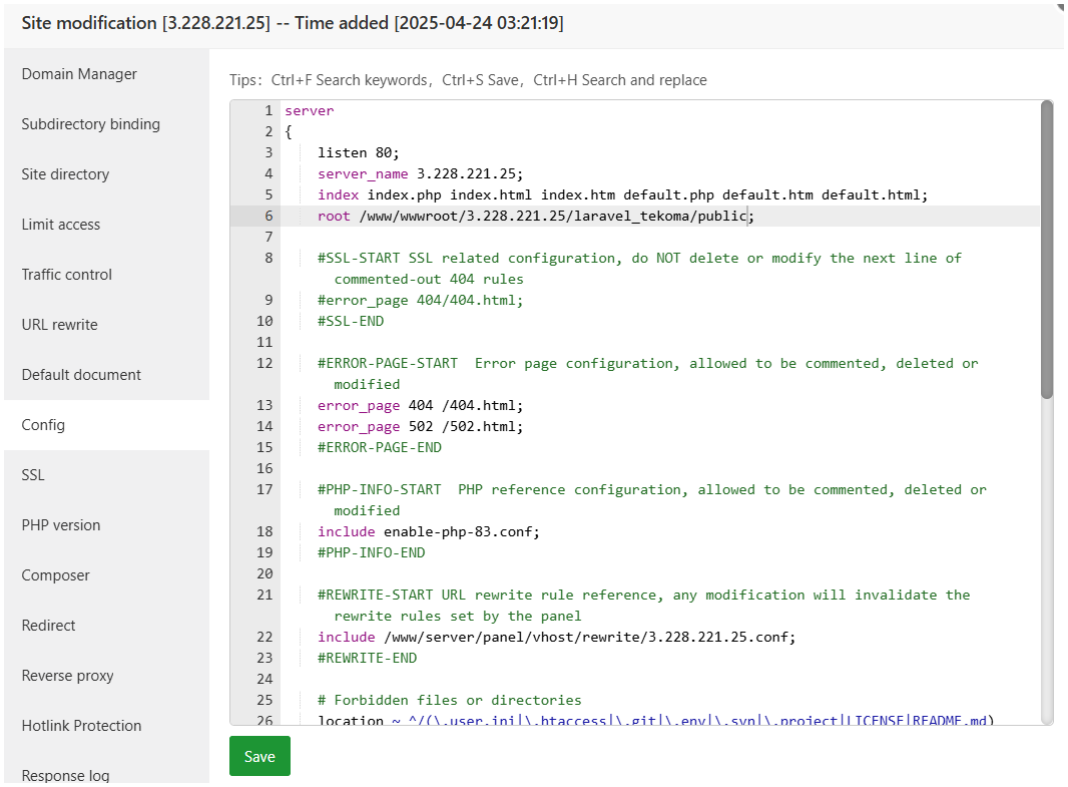
install file info



35.Kembali lagi ke tab File, edit file .env



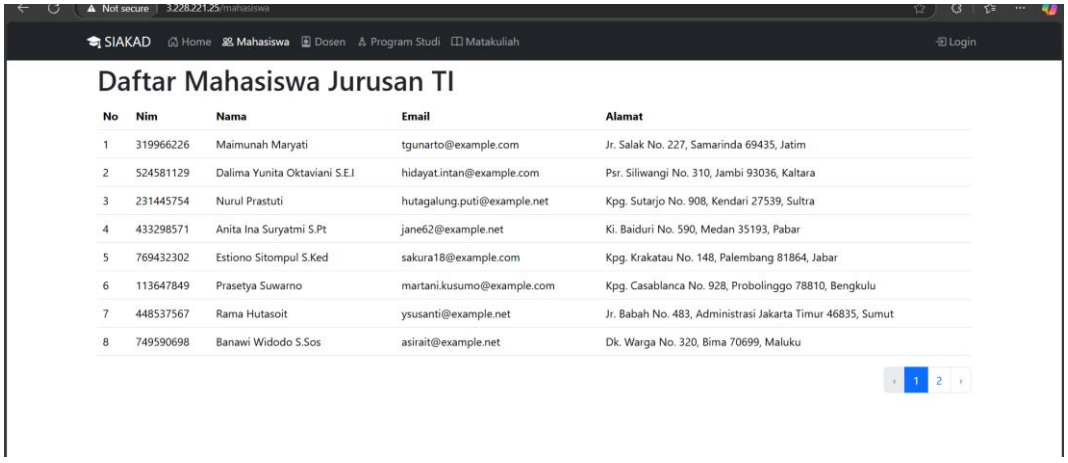
36.pergi ke tab website lagi, ke menu config tambahkan path /laravel_tekoma/public



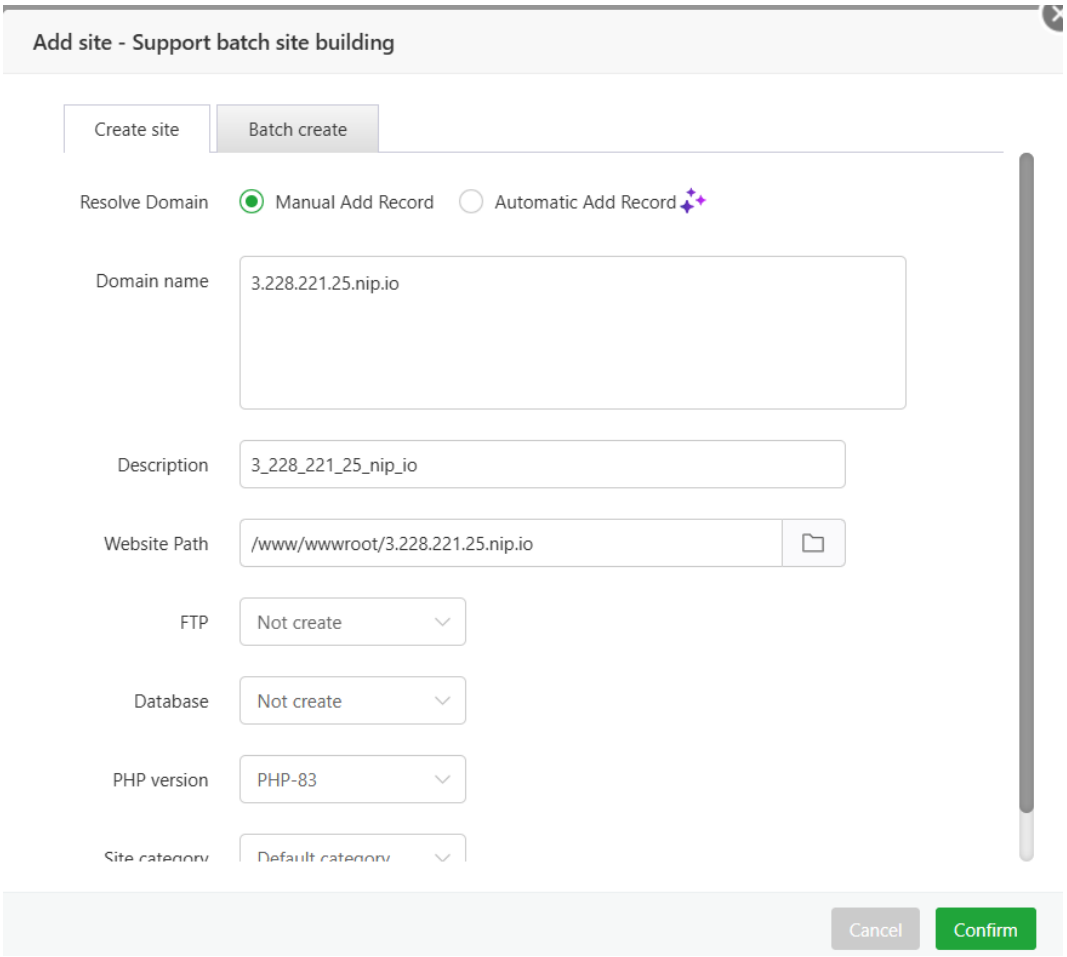
Lalu save

37. lalu buka website kita tadi

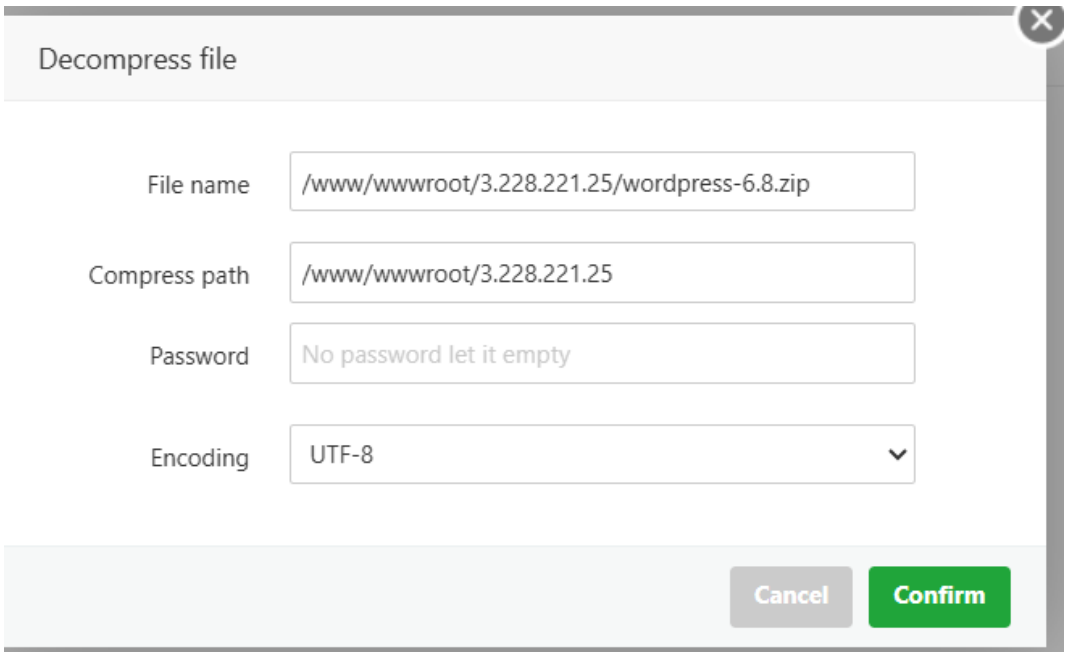
Dan berhasil



38.Untuk Wordpress, saya bikin domain baru atau pkai domain yang sama,

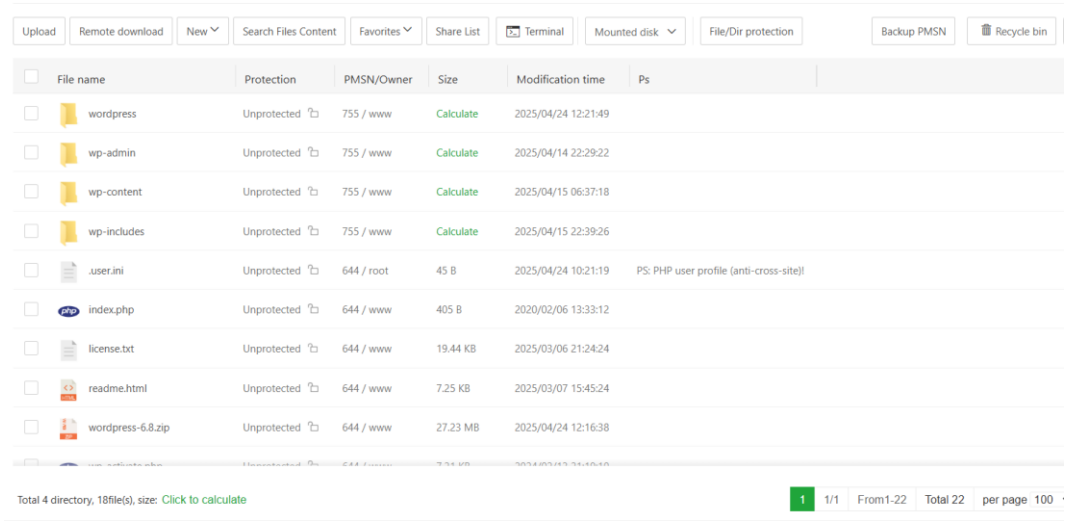


39.Masukkan saja file wordpressnya

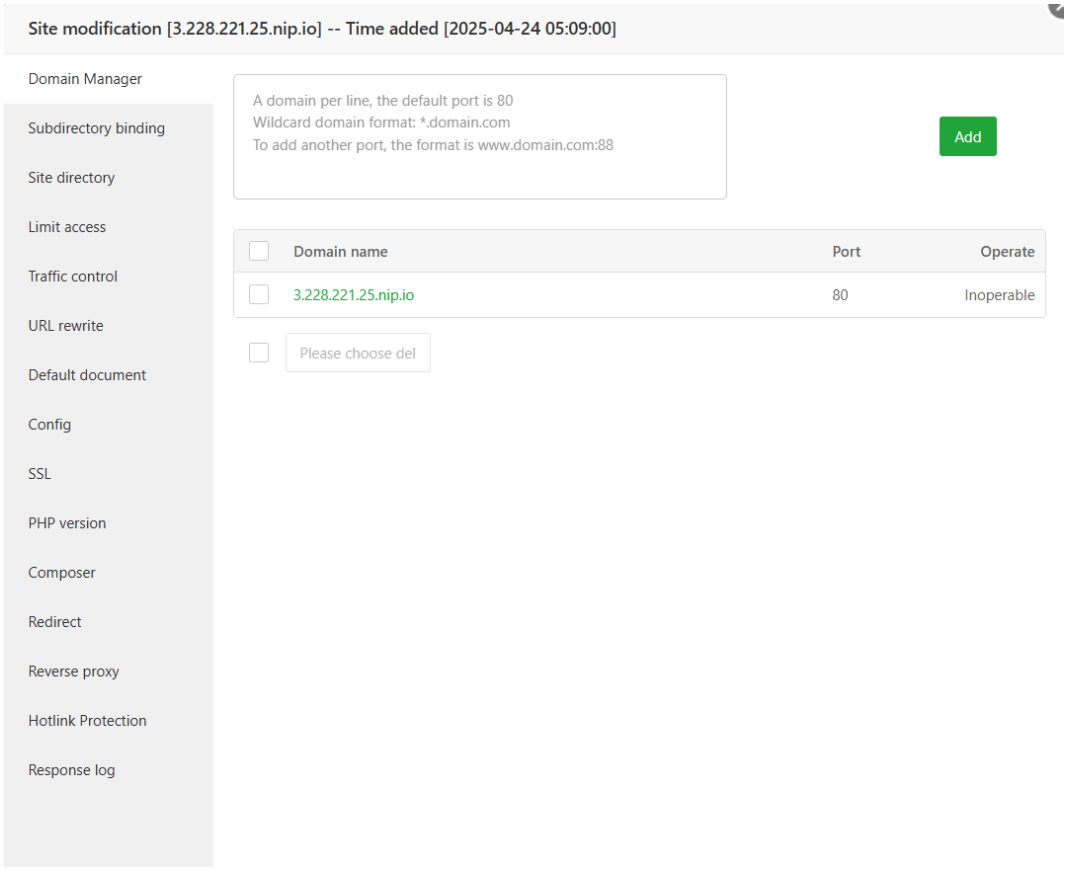


Ekstrak

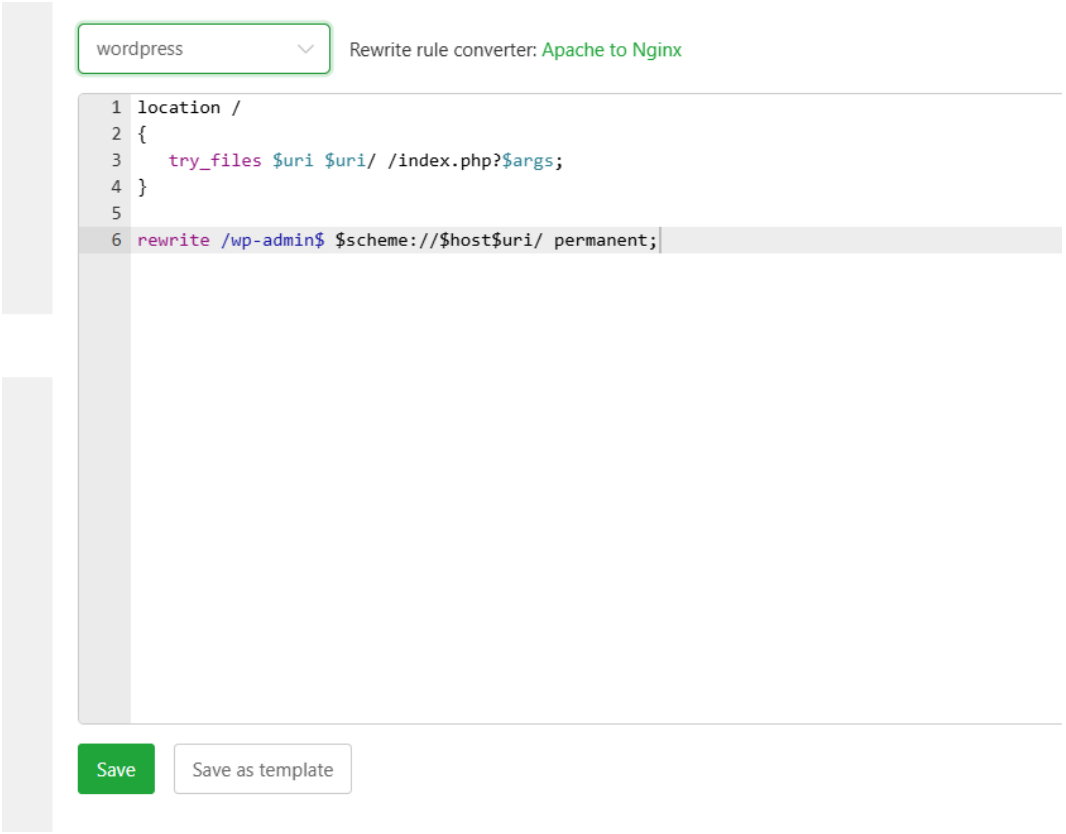
40. pastikan semua filenya ada di root direktori dari webnya



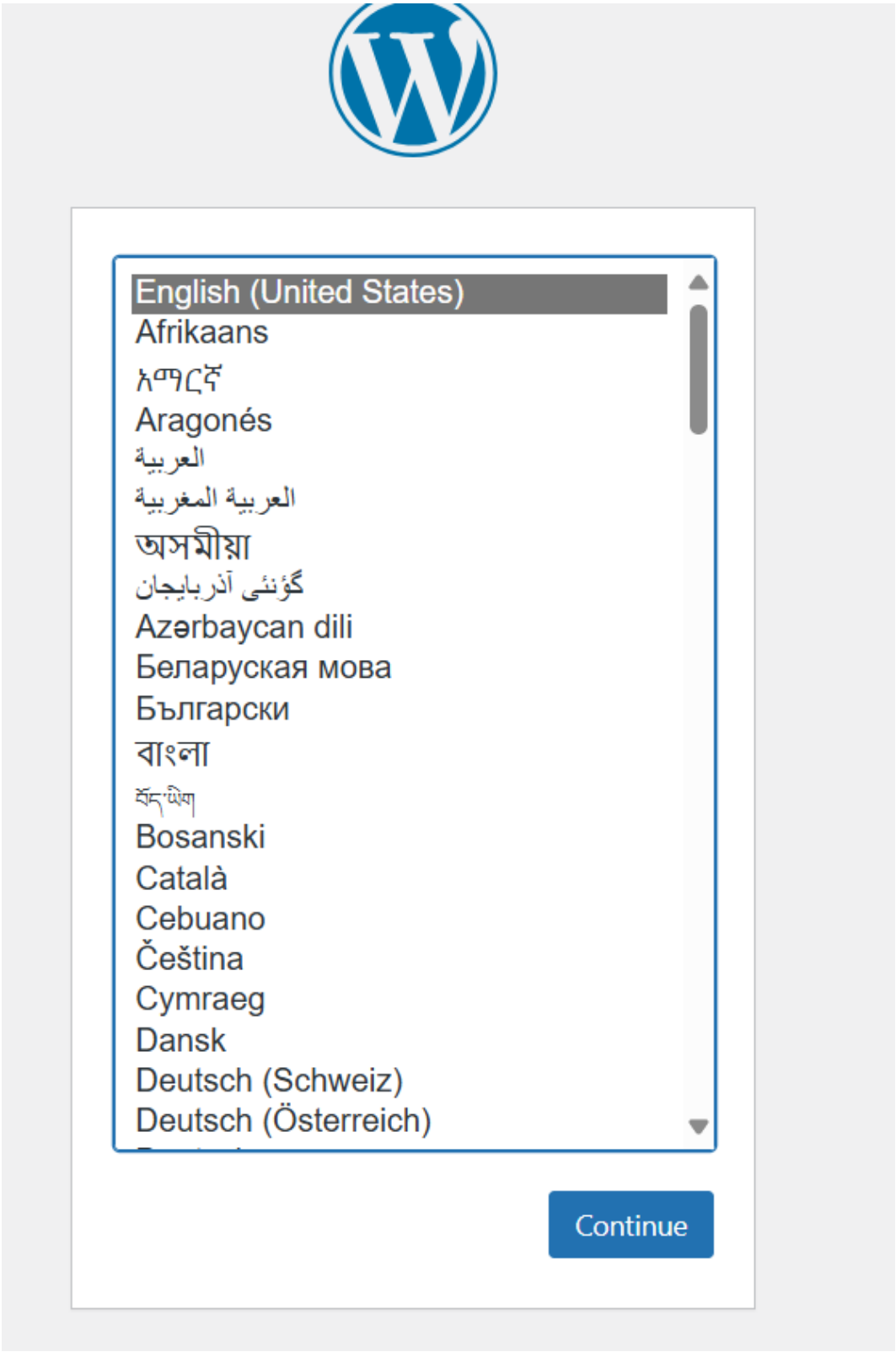
41.buka tab website lalu configuration



42.url rewirte pilih wordpress

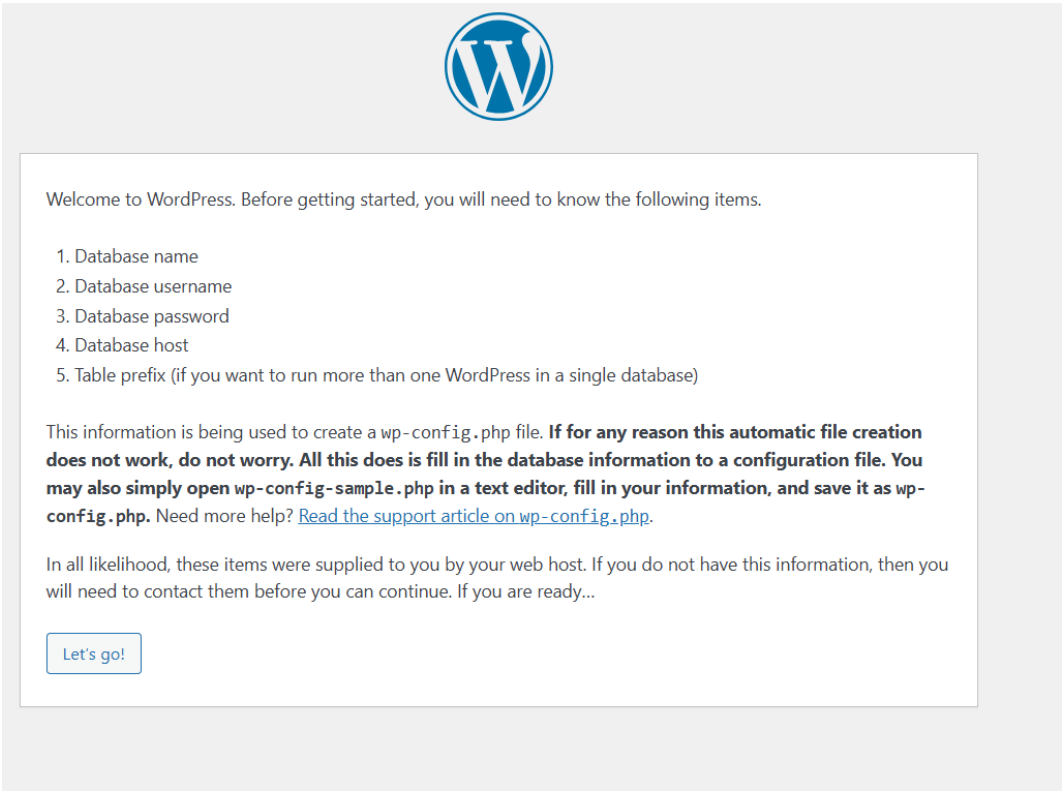


43.buka domain yang kita buat di tab baru



Langsung continue

44. Lets Go



Welcome to WordPress. Before getting started, you will need to know the following items.

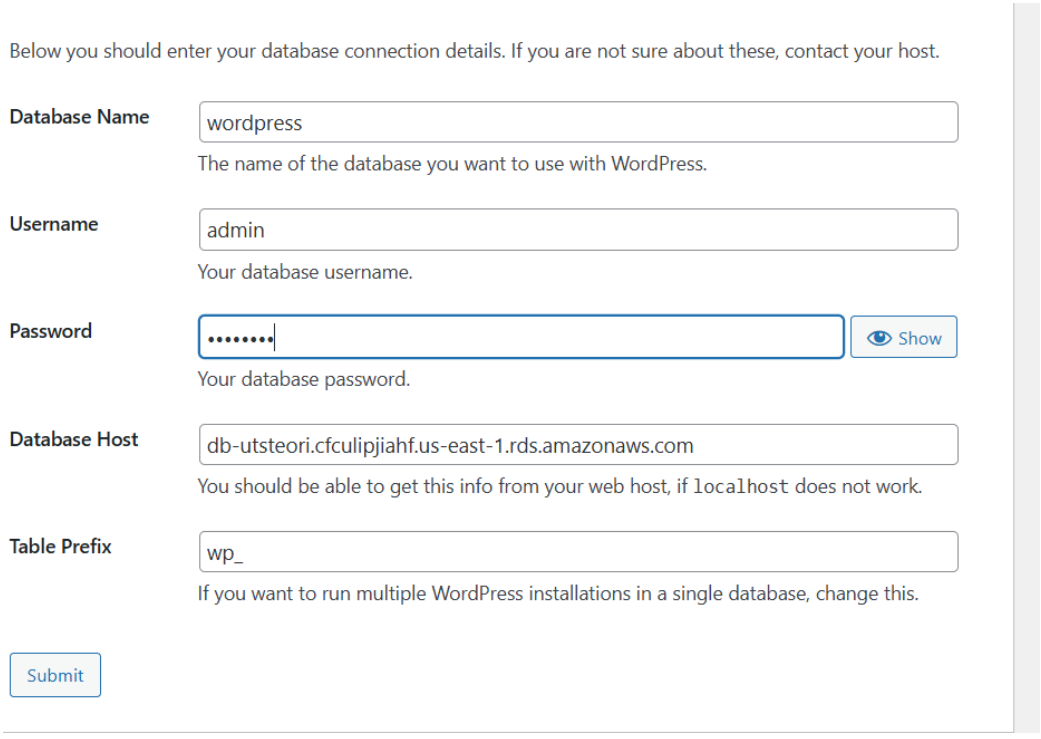
1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

This information is being used to create a `wp-config.php` file. **If for any reason this automatic file creation does not work, do not worry. All this does is fill in the database information to a configuration file. You may also simply open `wp-config-sample.php` in a text editor, fill in your information, and save it as `wp-config.php`.** Need more help? Read the support article on `wp-config.php`.

In all likelihood, these items were supplied to you by your web host. If you do not have this information, then you will need to contact them before you can continue. If you are ready...

Let's go!

45.isi formnya



Below you should enter your database connection details. If you are not sure about these, contact your host.

Database Name wordpress

The name of the database you want to use with WordPress.

Username admin

Your database username.

Password ••••••••• Show

Your database password.

Database Host db-utsteori.cfculipjiahf.us-east-1.rds.amazonaws.com

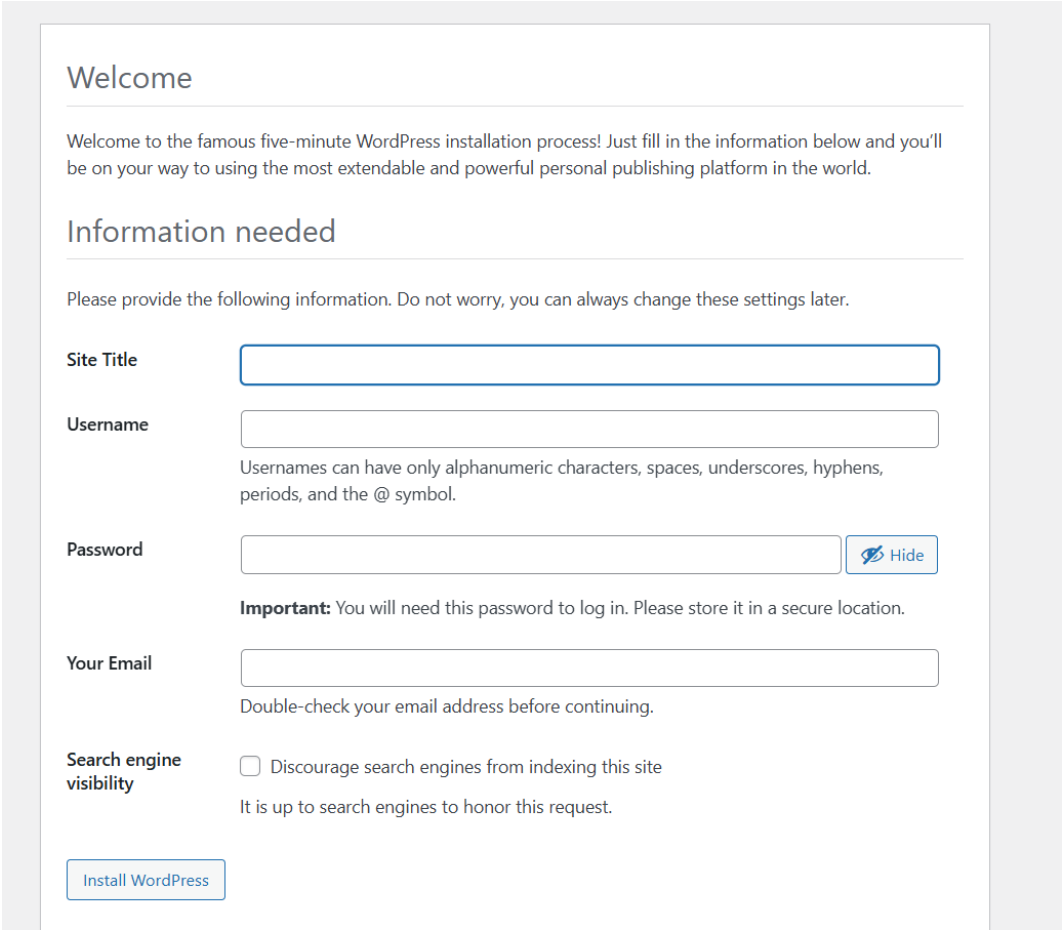
You should be able to get this info from your web host, if `localhost` does not work.

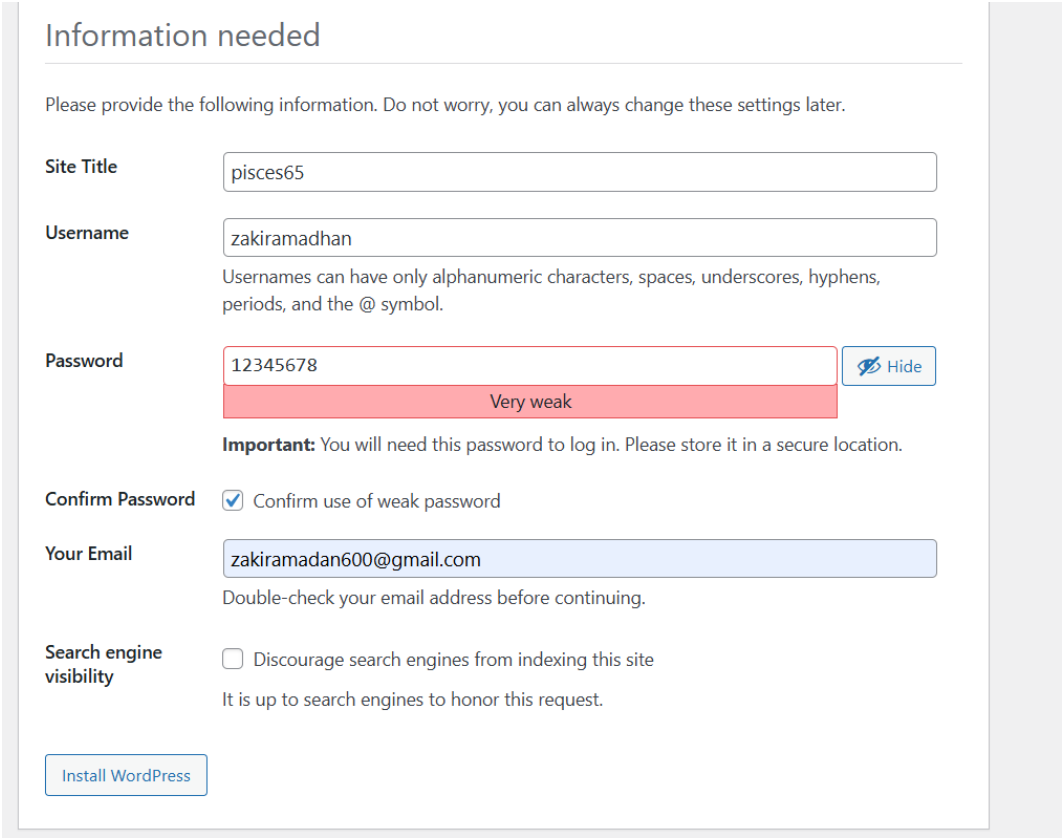
Table Prefix wp_

If you want to run multiple WordPress installations in a single database, change this.

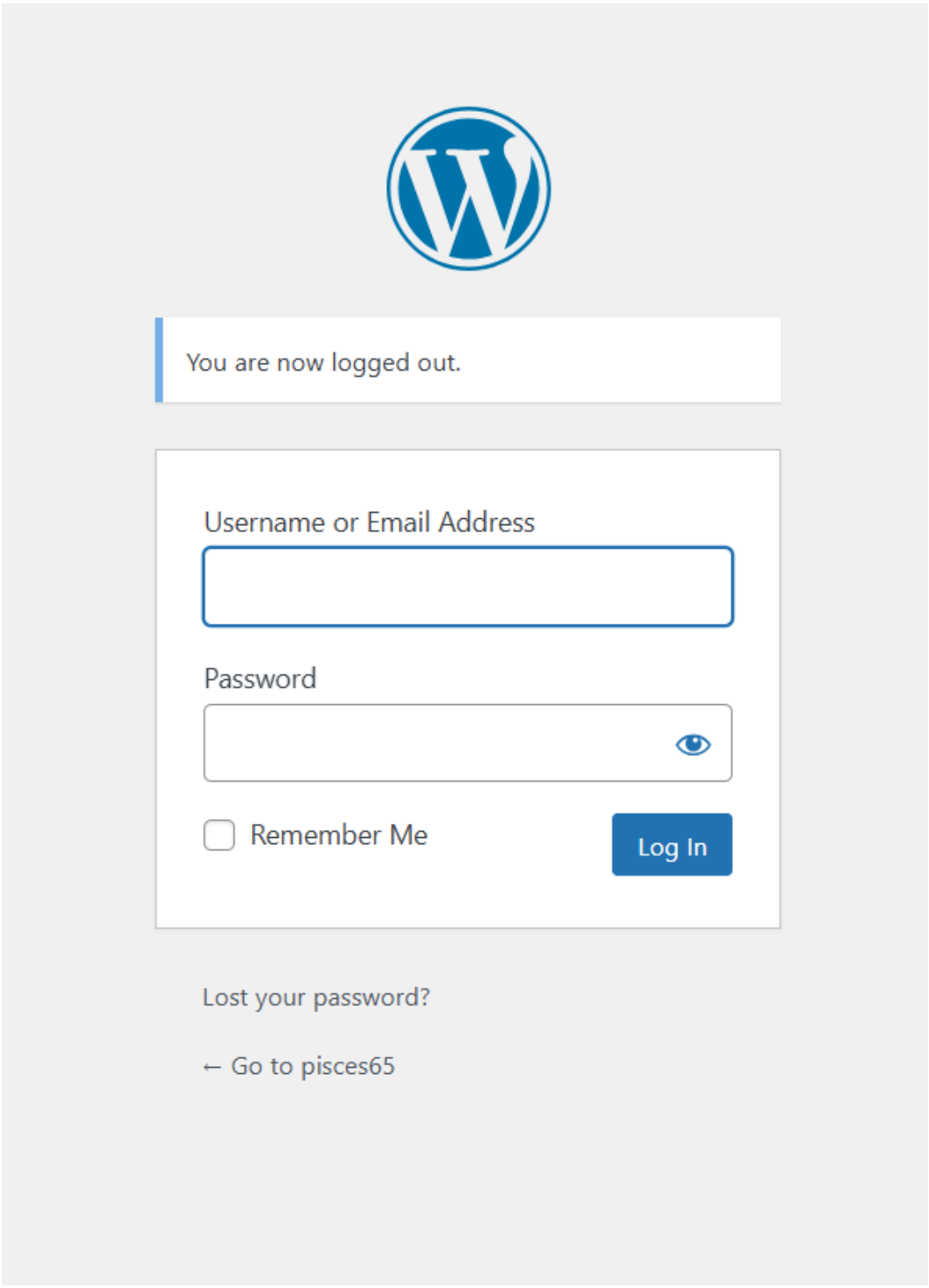
Submit

46.isi formnya

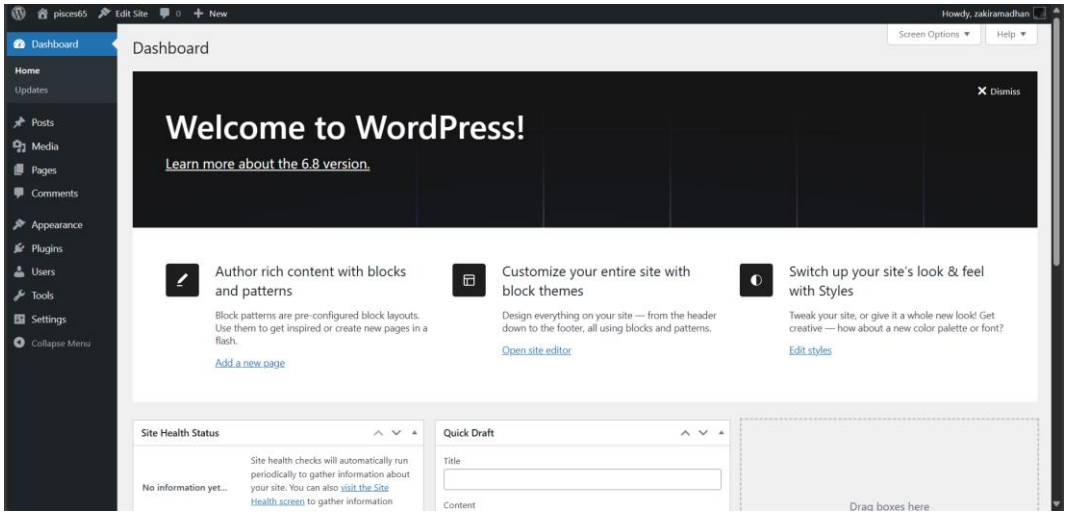


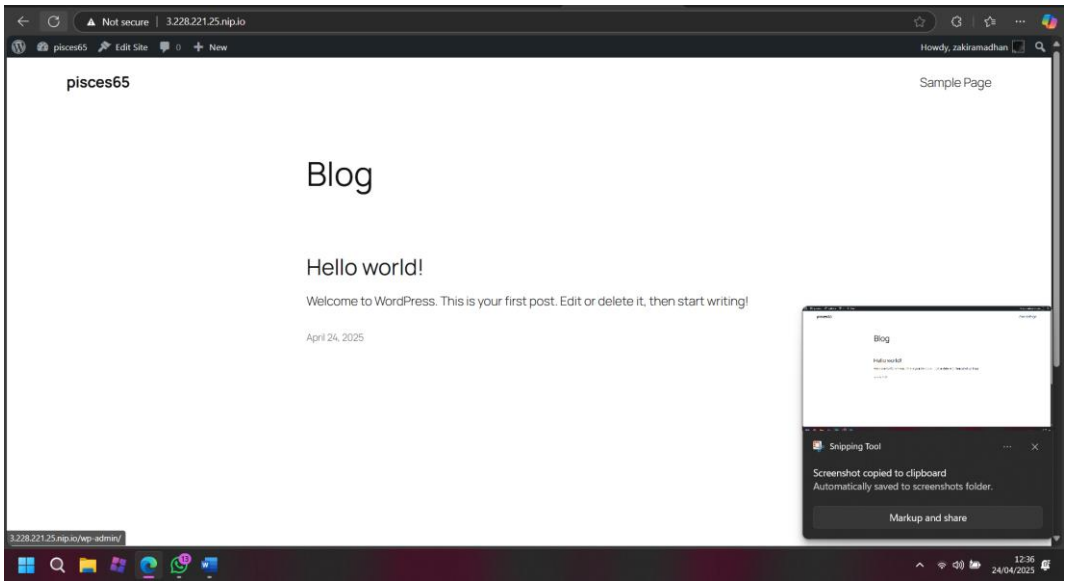

Information needed
Please provide the following information. Do not worry, you can always change these settings later.
Site Title
pisces65
Username
zakiramadhan
Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.
Password
12345678
Hide
Very weak
Important: You will need this password to log in. Please store it in a secure location.
Confirm Password
Confirm use of weak password
Your Email
zakiramadan600@gmail.com
Double-check your email address before continuing.
Search engine visibility
Discourage search engines from indexing this site
It is up to search engines to honor this request.
Install WordPress

47.Login



48.halaman utama wordpress panel


pisces65
Edit Site
New
Howdy, zakiramadhan
Dashboard
Home
Updates
Posts
Media
Pages
Comments
Appearance
Plugins
Users
Tools
Settings
Collapse Menu
Screen Options
Help
Dismiss
Welcome to WordPress!
Learn more about the 6.8 version.
Author rich content with blocks and patterns
Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.
Add a new page
Customize your entire site with block themes
Design everything on your site — from the header down to the footer, all using blocks and patterns.
Open site editor
Switch up your site's look & feel with Styles
Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?
Edit styles
Site Health Status
No information yet...
Site health checks will automatically run periodically to gather information about your site. You can also visit the Site Health screen to gather information
Quick Draft
Title
Content
Drag boxes here


Not secure | 3.228.221.25.nip.io
pisces65
Edit Site
New
Howdy, zakiramadhan
pisces65
Sample Page
Blog
Hello world!
Welcome to WordPress. This is your first post. Edit or delete it, then start writing!
April 24, 2025
Snipping Tool
Screenshot copied to clipboard
Automatically saved to screenshots folder.
Markup and share
3.228.221.25.nip.io/wp-admin/
12:36
24/04/2025