Tugas Telekomunikasi

Konfigurasi Web Server/HTML di ubuntu 20.04

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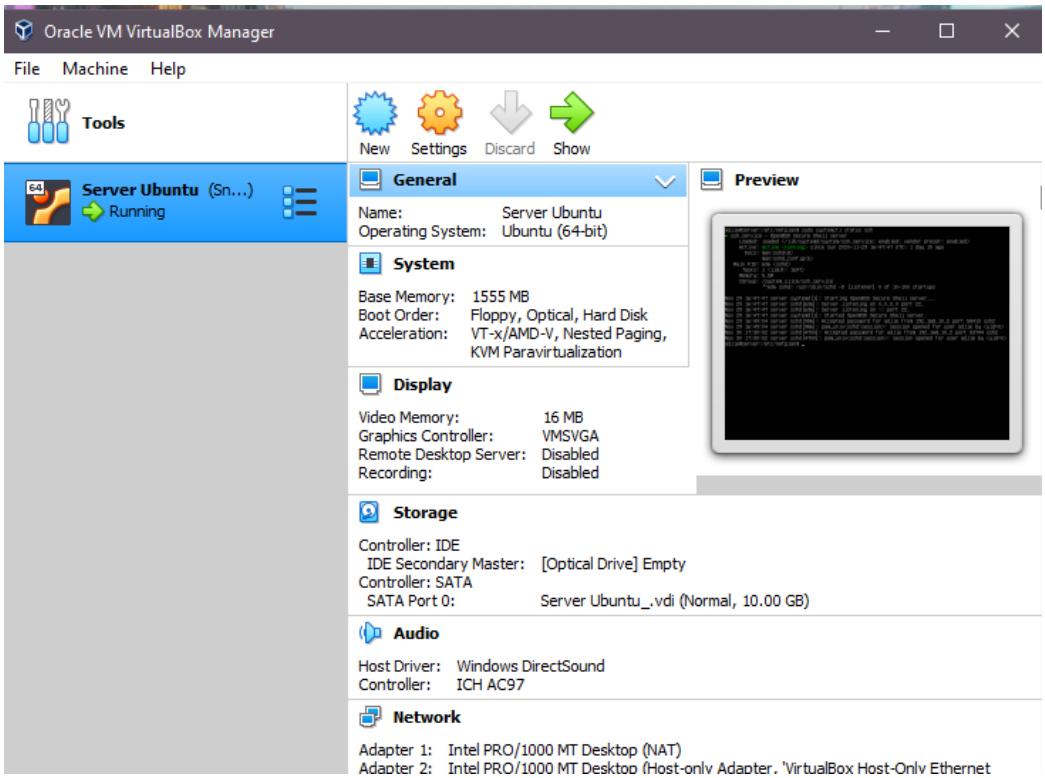
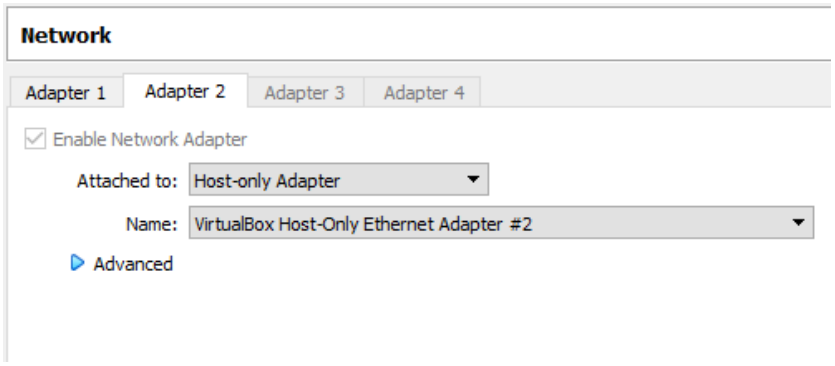
Kelas :SK1B

Fakultas :FASILKOM

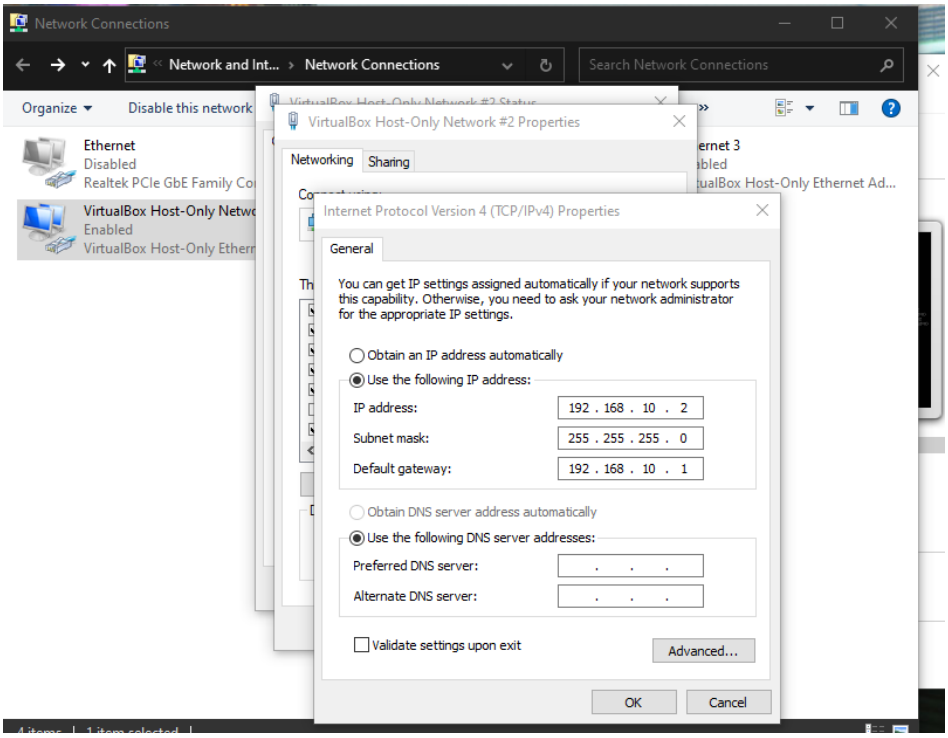
KONFIGURASI WEB SERVER



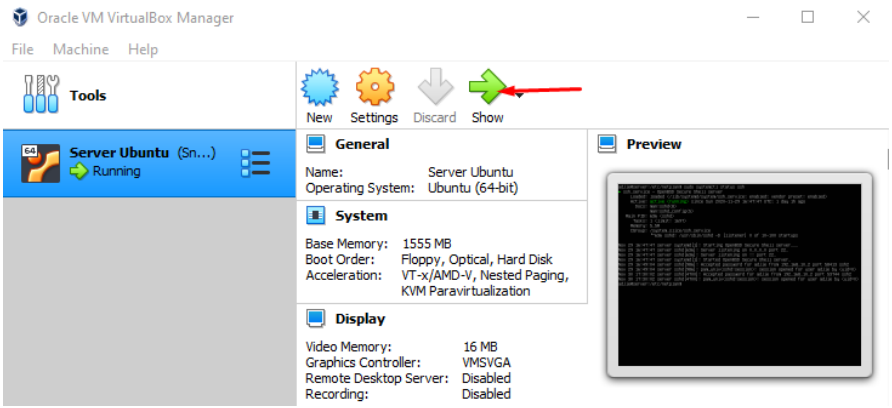
Buat mesin virtual pada virtual box.



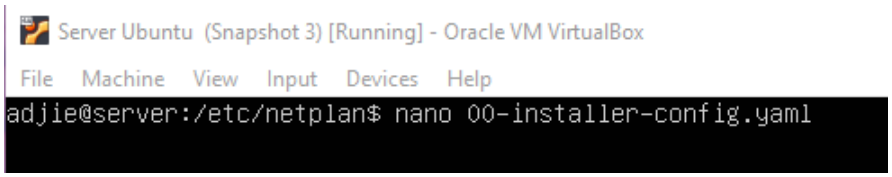
Setting adapter host-only adapter.



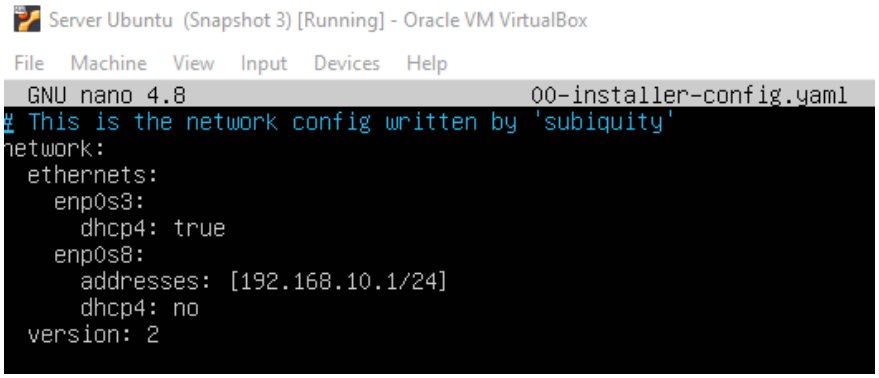
Setting IP pada adapter yang barusan di pakai.



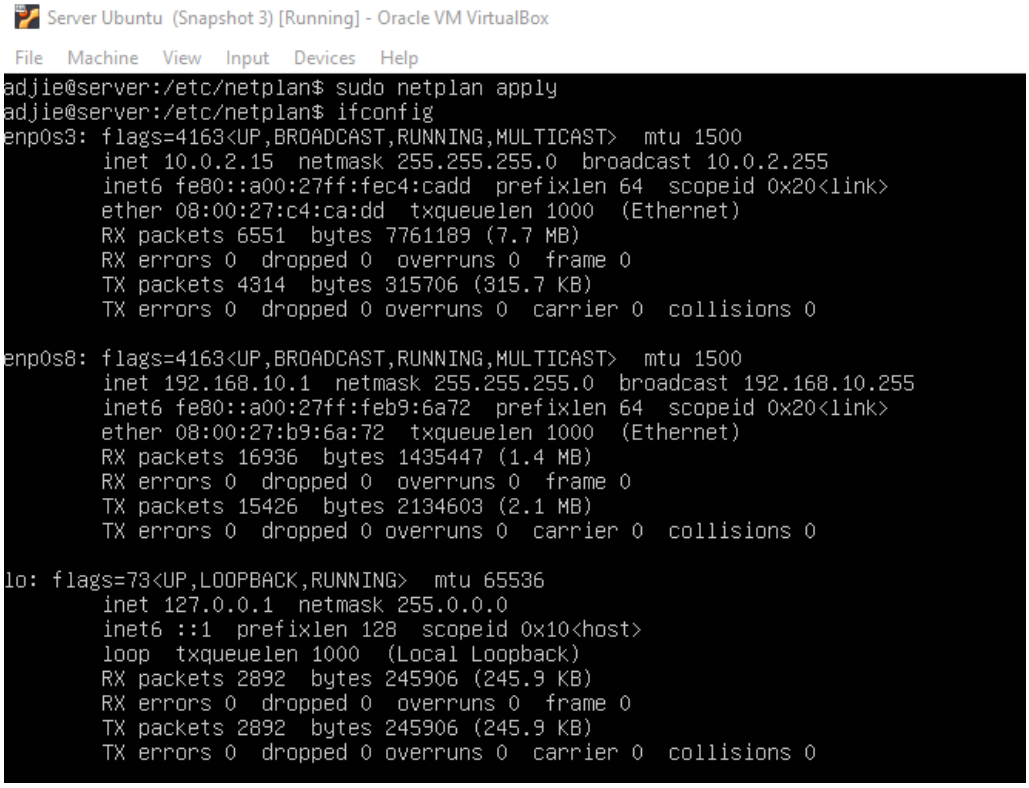
Jalankan Mesin virtual lalu install ubuntunya.



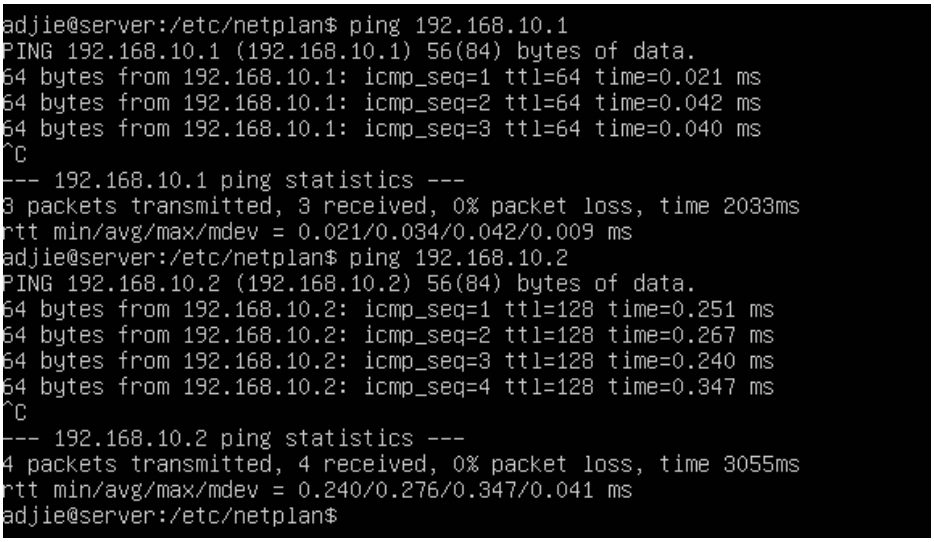
Masuk ke directori netplan lalu masuk ke 00-installer-config.yaml untuk setting IP server.



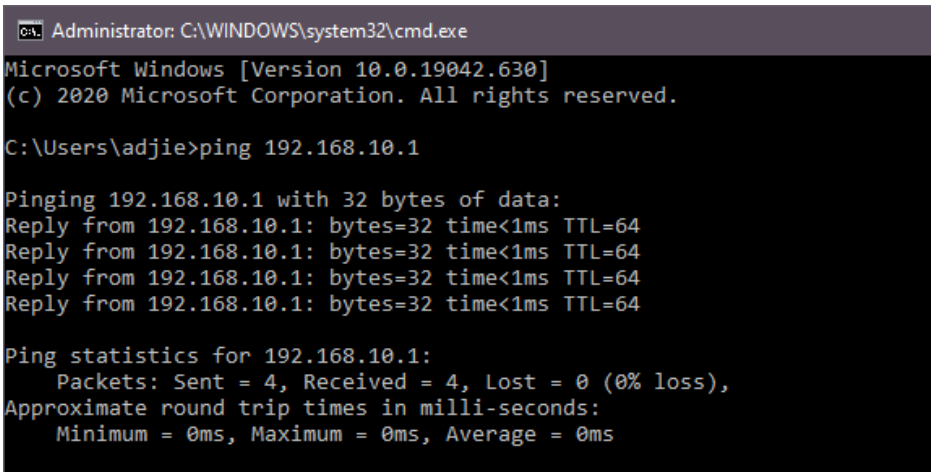
Ubah menjadi seperti ini kalau pakai adapeter 2 menggunakan enp0s8, kalau menggunakan adapter 1 menggunakan enp0s3.



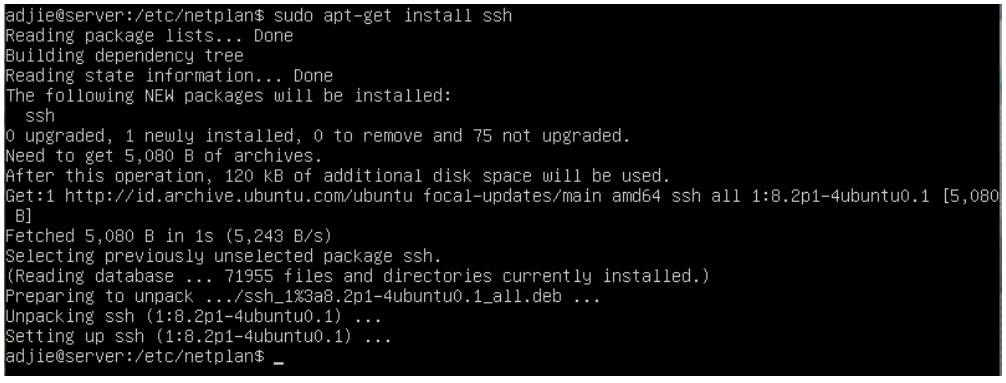
Restart netplan menggunakan “sudo netplan apply”, lalu cek apakah ip sudah berubah atau belum.



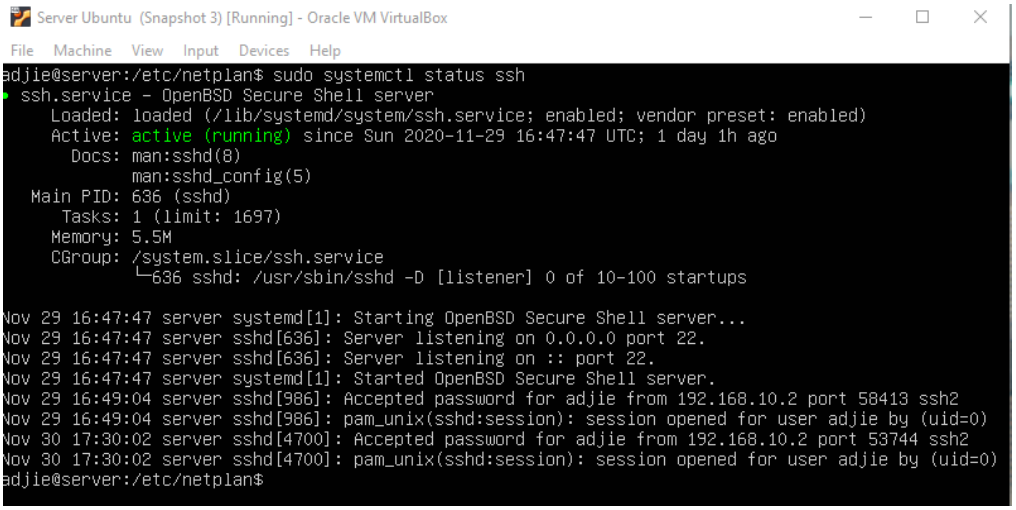
Lakukan ping ke IP server dan IP client.



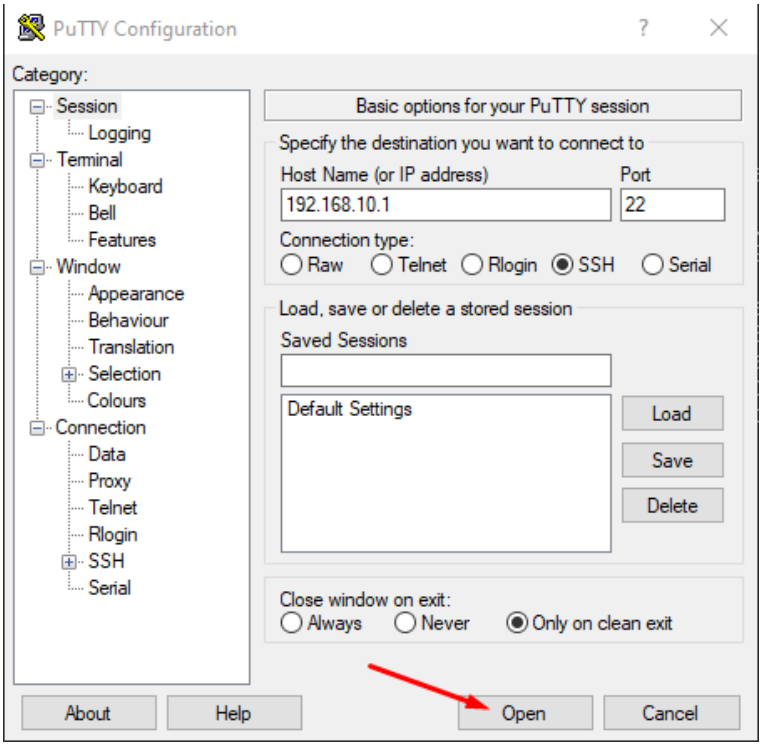
Lakukan ping juga dari client ke server.



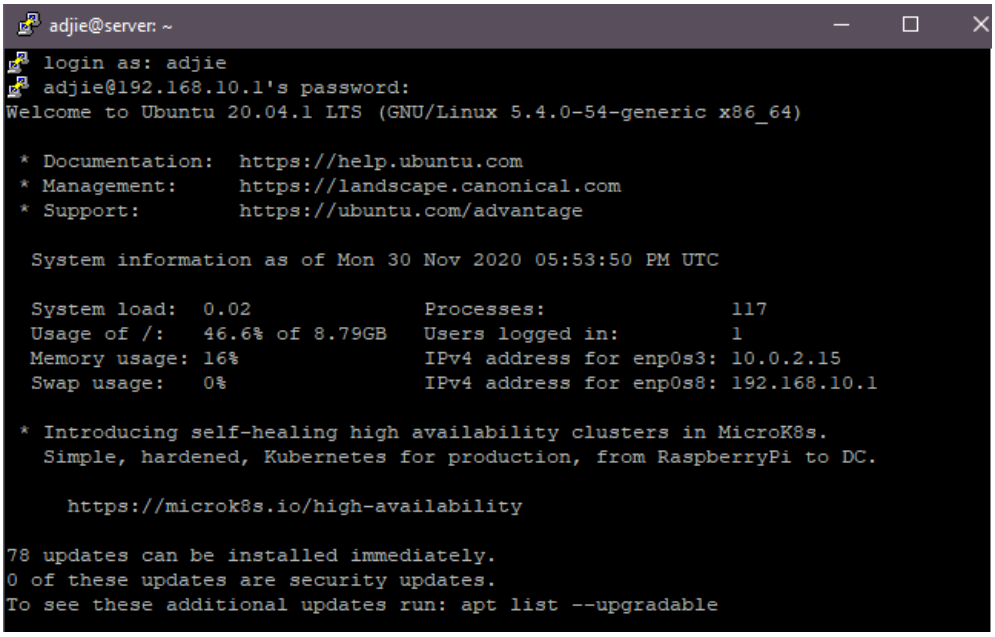
Install ssh pada server.



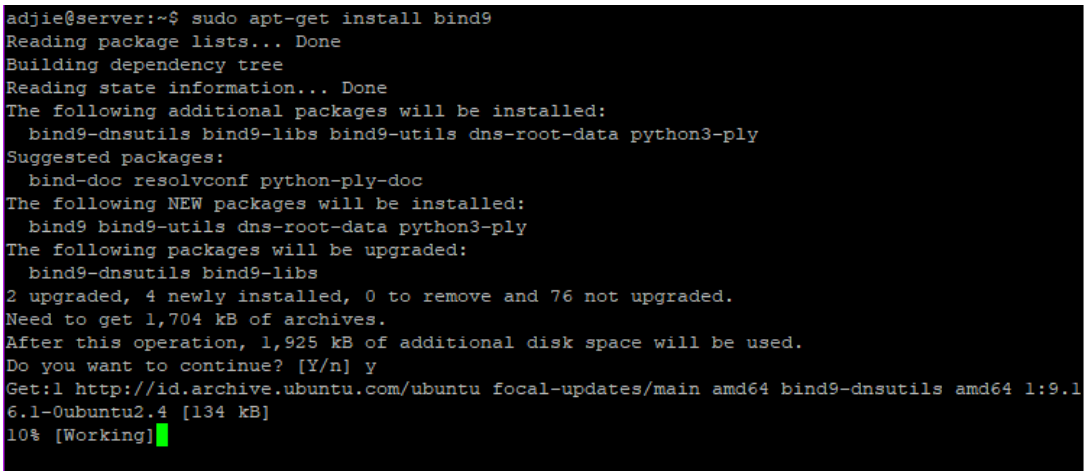
Cek status ssh.



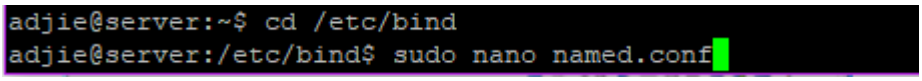
Kalau sudah aktif buka putty sebagai remote.



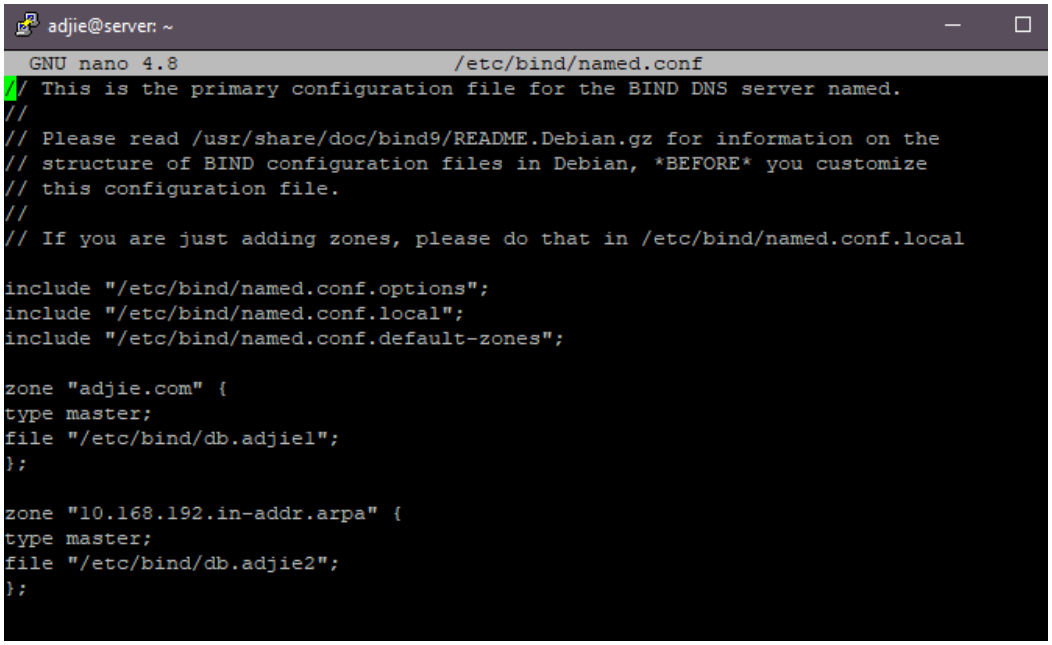
Login menggunakan username dan password.



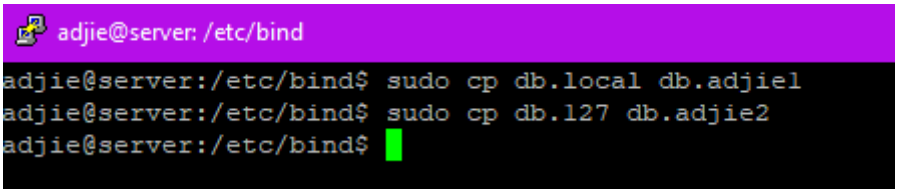
Install bind9 untuk configurasi DNS.



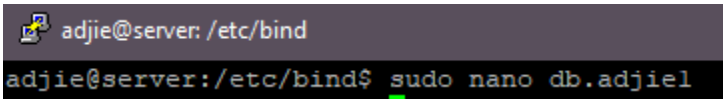
Masuk ke direktori bind, lalu buka file named.conf.



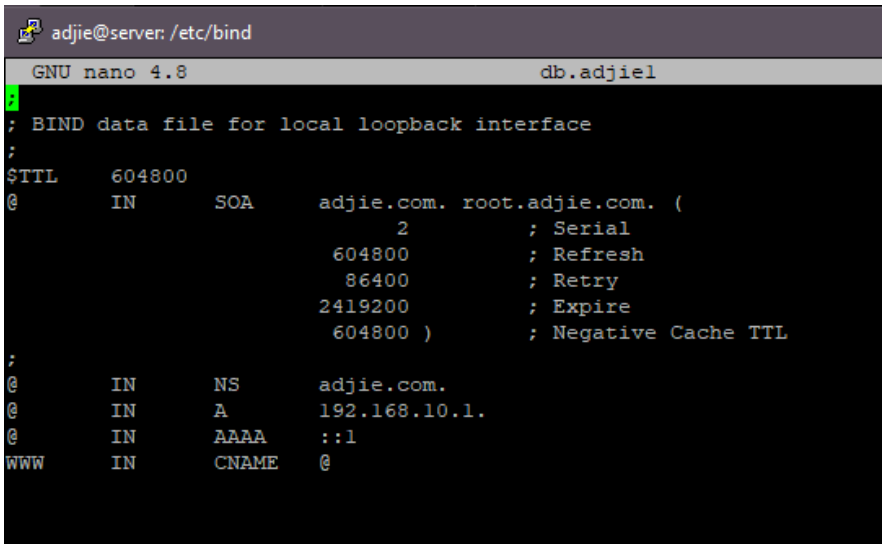
Ubah file named.conf menjadi seperti berikut.



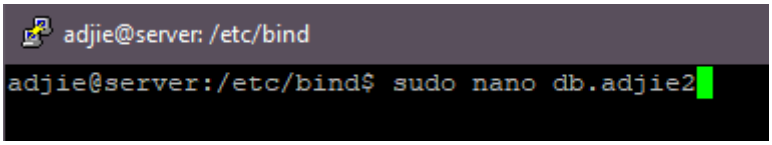
Copy file db.local ke db.adjie1 dan db.127 ke db.adjie2.



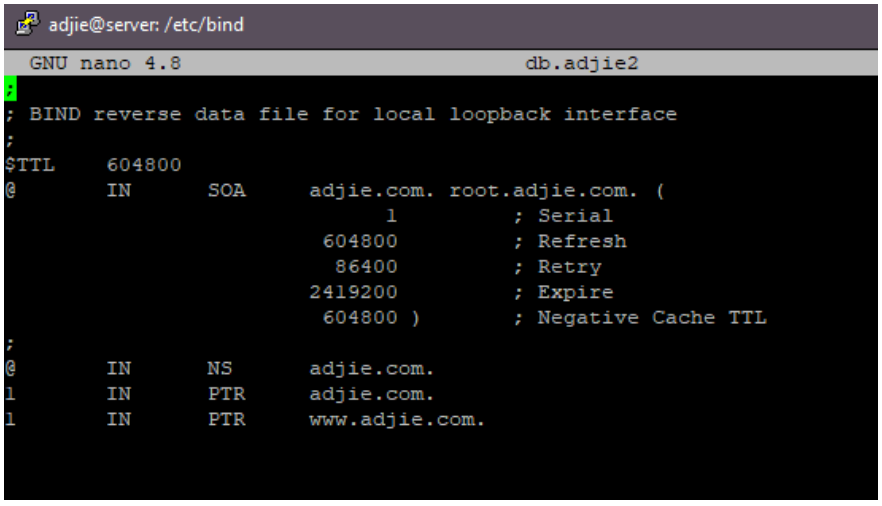
Lalu buka file db.adjie1.



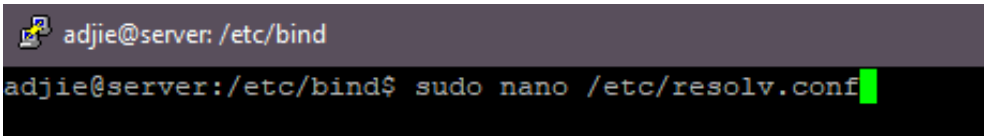
Ubah localhost menjadi adjie.com dan tambahkan ip address.



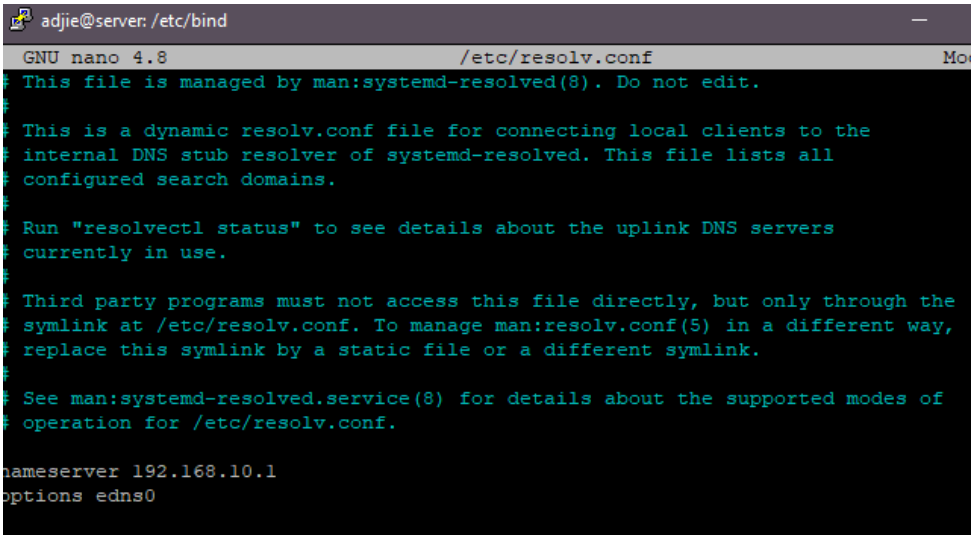
Setelah selesai di db.adjie1 kita lanjut edit db.adjie2.



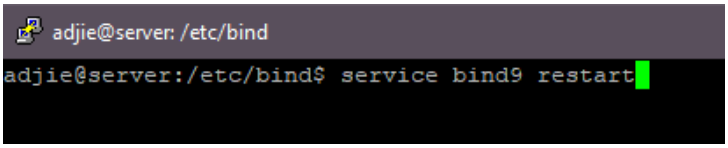
Ubah juga localhost menjadi adjie.com, jika sudah diedit keluar dengan menekan “CTRL+X”.



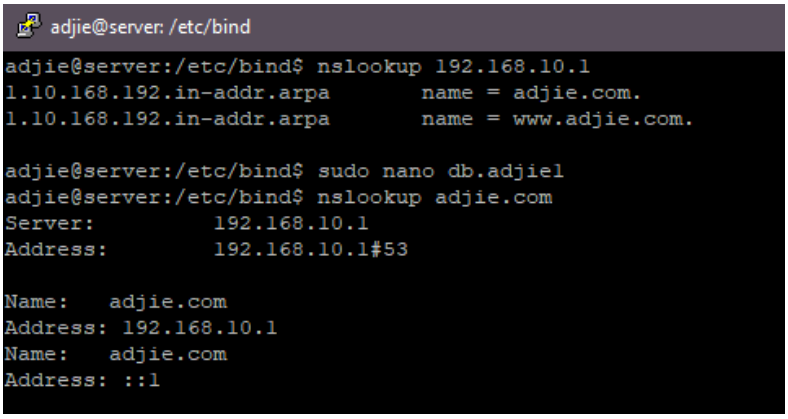
Setelah mengedit file db.adjie2 kita ubah resolv.conf.



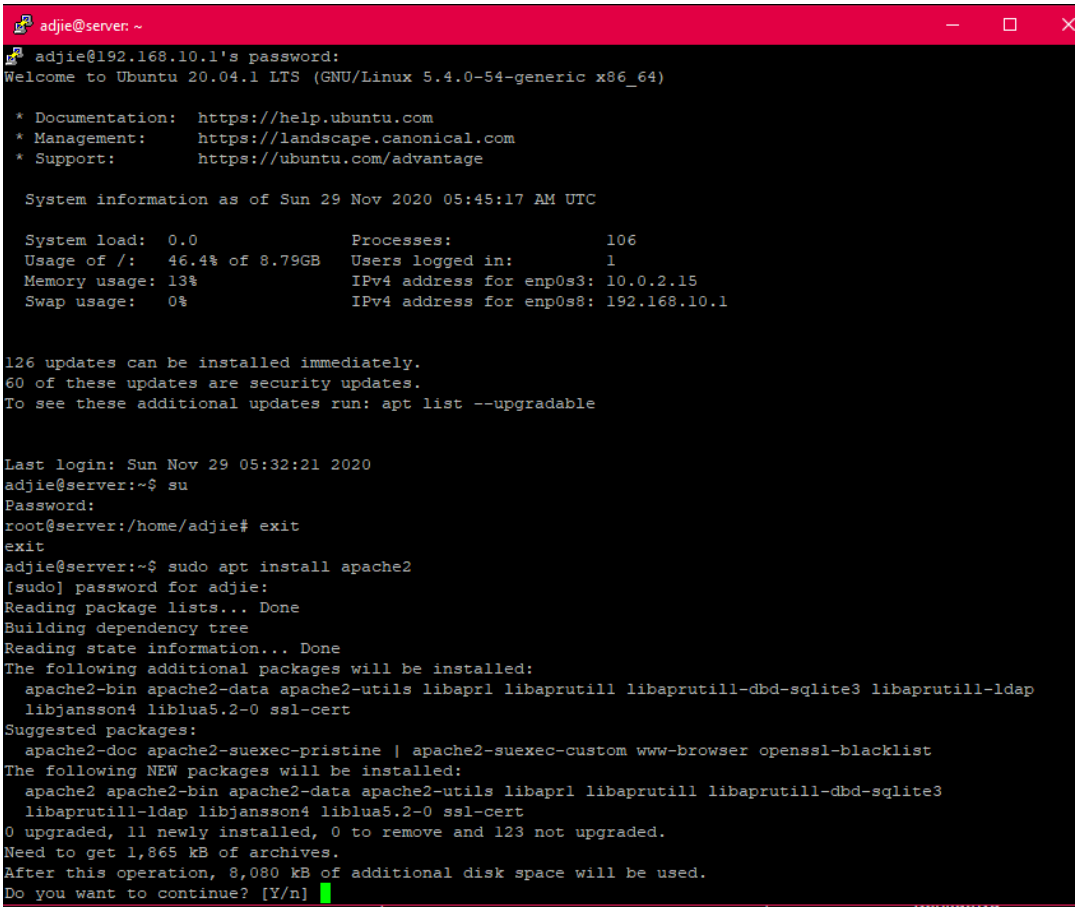
Ubah nameserver menjadi ip yang kalian gunakan.



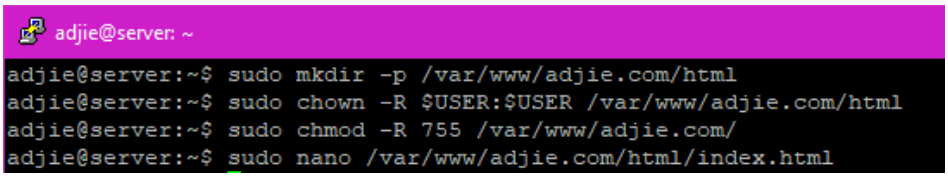
Setelah edit semua kita restart bind9nya dengan command diatas.



Cek apakah sudah bisa digunakan apa belum menggunakan nslookup.

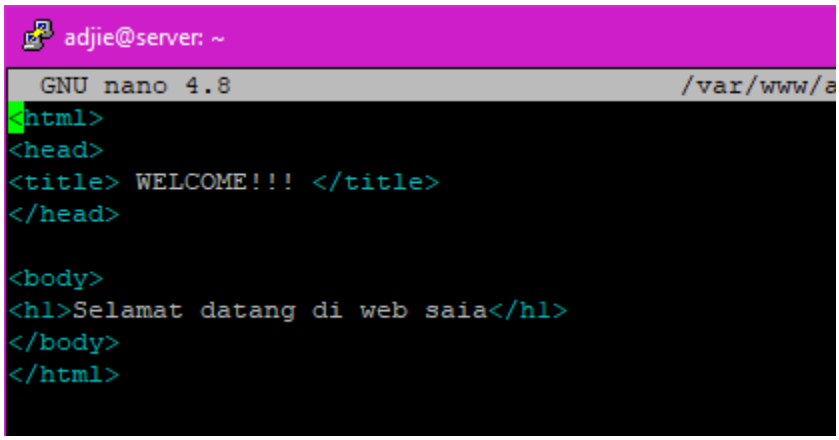


Setelah kita setting DNS kita akan menginstall apache2 untuk webservernya.

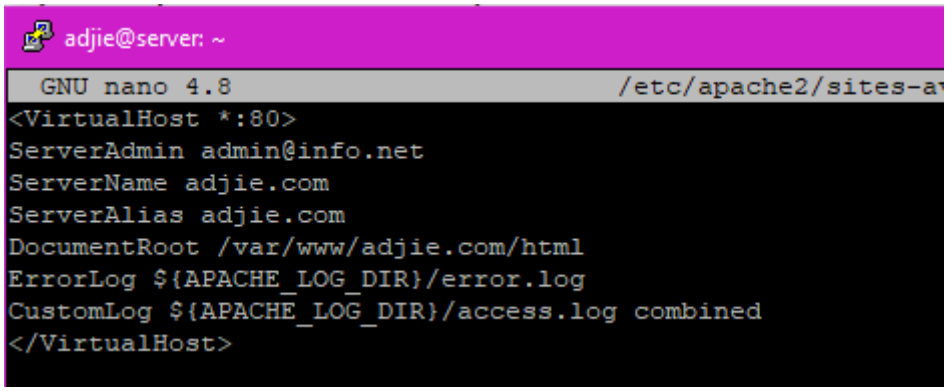


Buat directory untuk menyimpan data yang digunakan untuk web

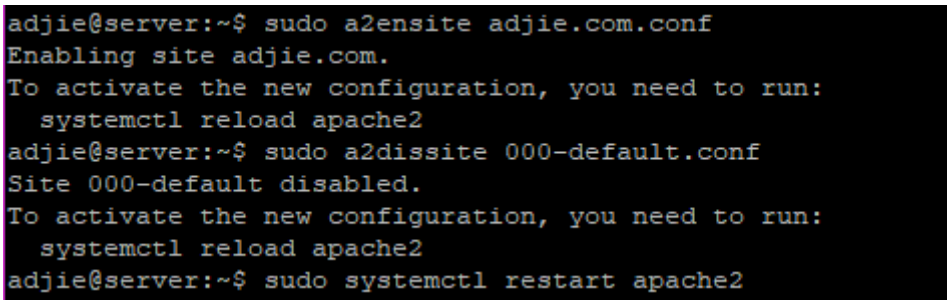
Lalu masuk ke file index.html untuk mengedit page pada website kamu.



Bisa edit seperti berikut.

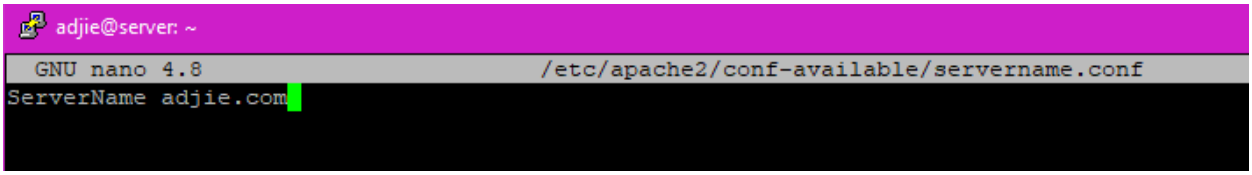


Setelah edit index.html masuk ke file adjie.com dengan command “sudo nano /etc/apache2/sites-available/adjie.com.conf.

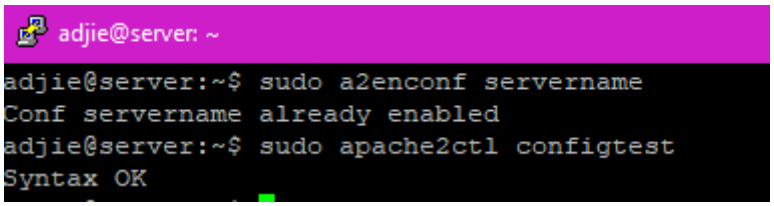


Setelah edit file adjie.com, aktifkan file dengan a2ensite, dan a2dissite untuk meremove file sebelumnya. Setelah itu restart apache2nya.

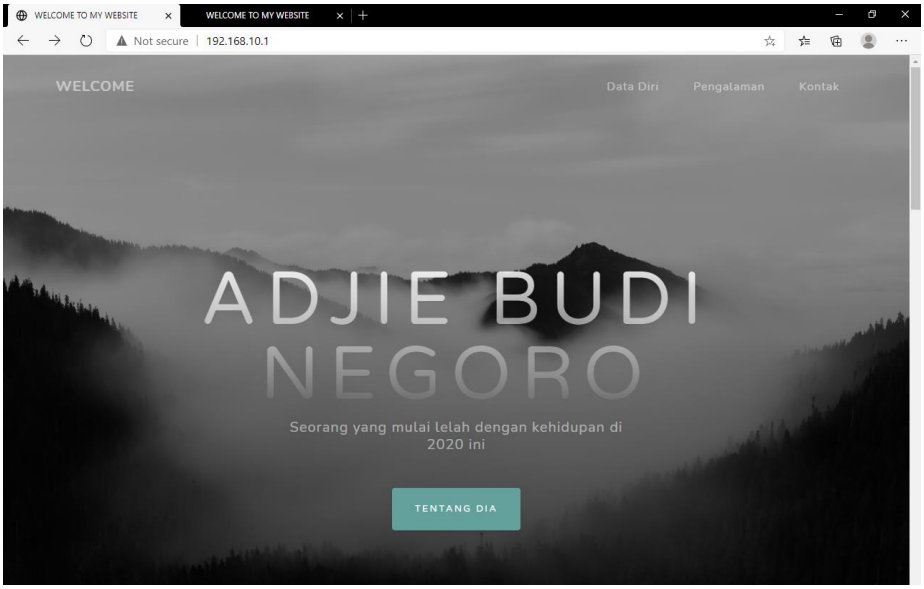
Setelah itu masuk ke directori servername.conf.



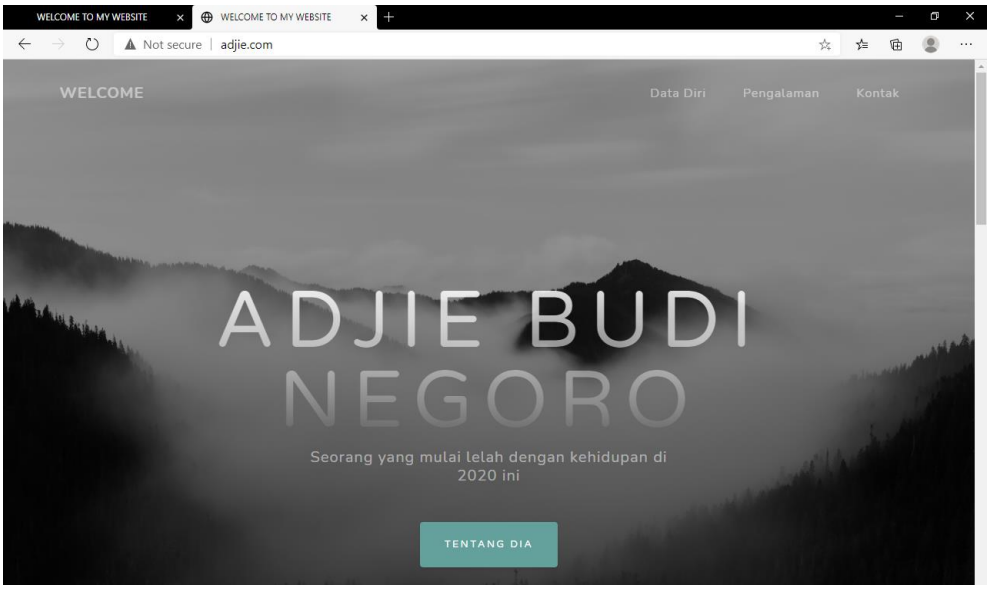
Edit seperti gambar dengan domain yang kalian gunakan.



Setelah itu aktifkan servername barusan lalu setelah selesai semua lakukan configtest untuk mengecek apakah ada yang error.



Setelah selesai maka buka browser client dan ketik ip atau domain yang kalian gunakan.



Begini hasilnya jika menggunakan tamplate.

KESIMPULAN

Web Server adalah sebuah software yang memberikan layanan berbasis data dan berfungsi menerima permintaan dari HTTP dan HTTPS pada klien yang dikenal dengan dan biasanya kita kenal dengan web browser dan untuk mengirimkan kembali yang hasilnya dalam bentuk beberapa halaman web dan pada umumnya berbentuk dokumen HTML.