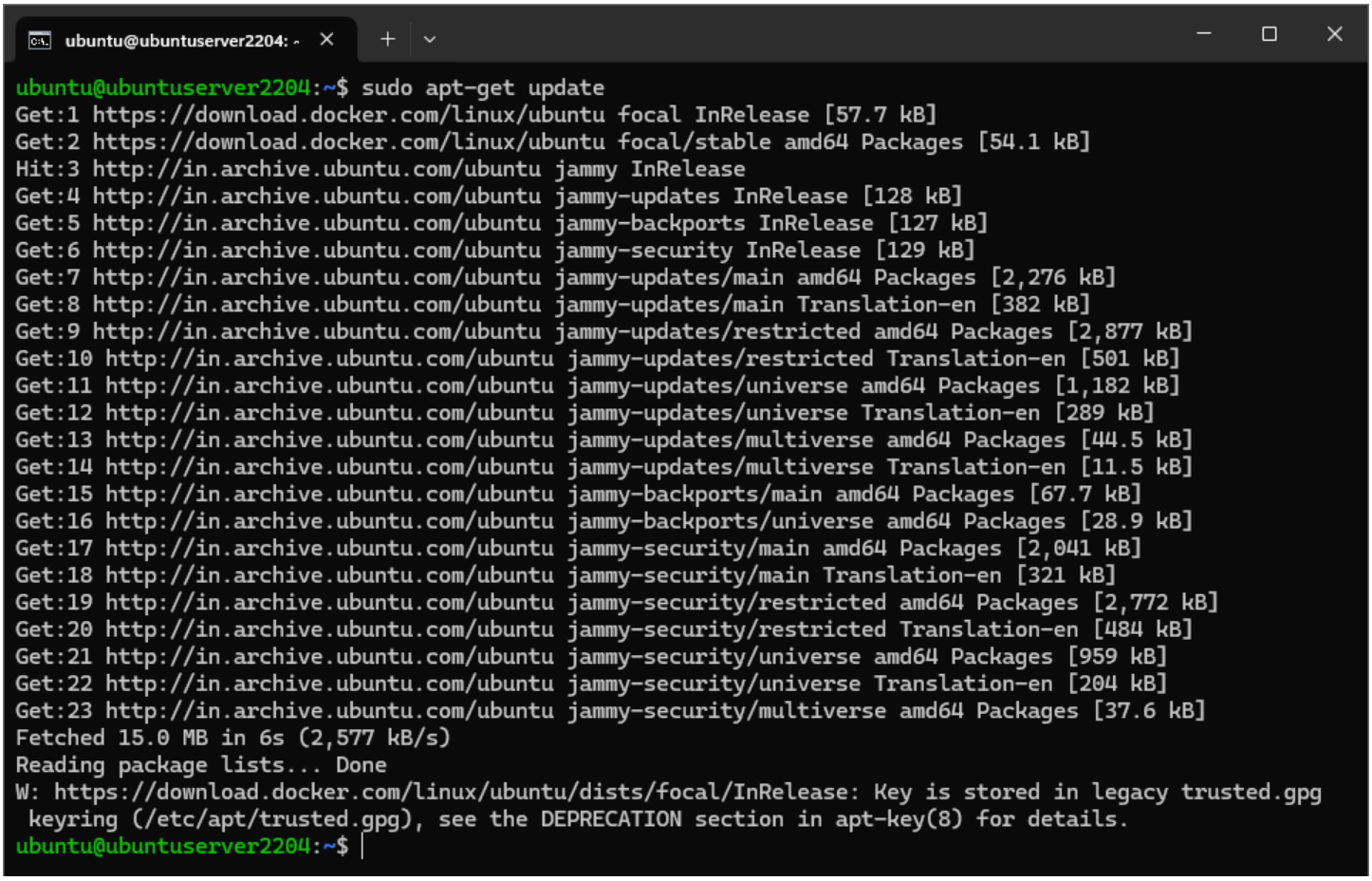
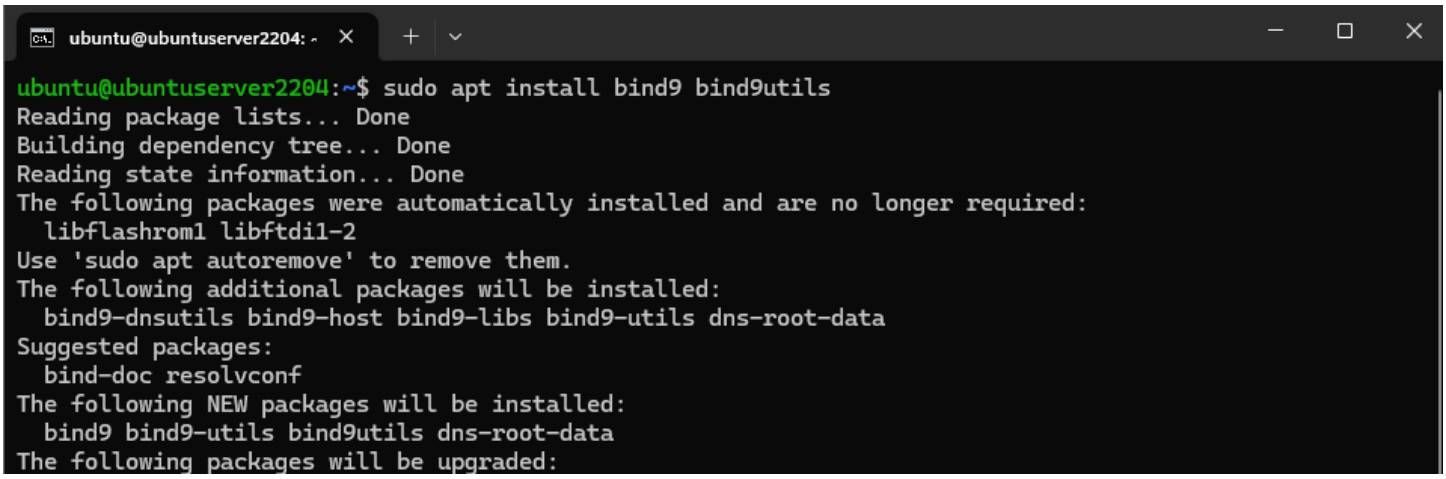
Despliegue aplicaciones web - Anton Blagodarnyy

Tarea 1 _ Tema 3

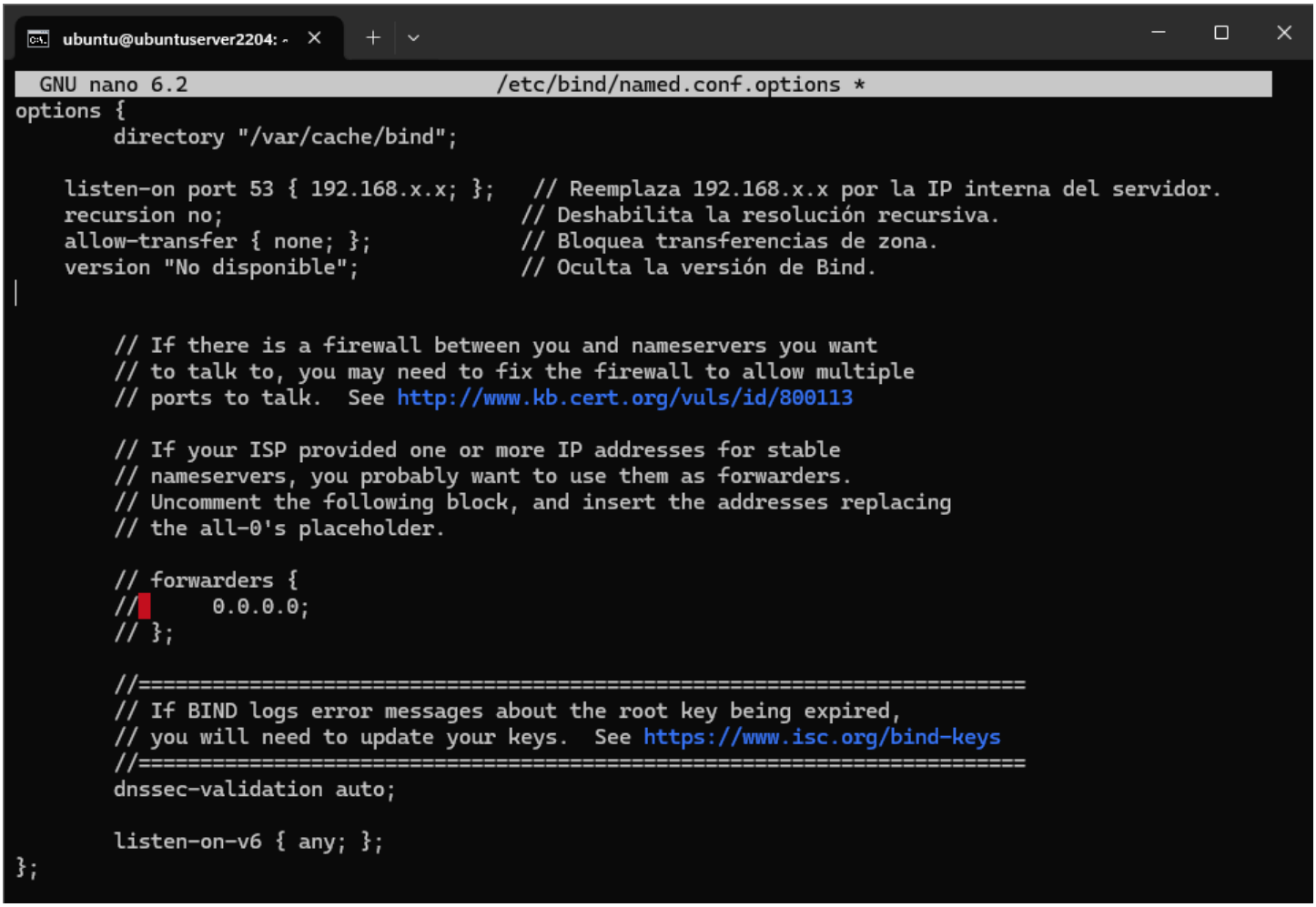
1.-Actualizamos el sistema.




2.-Instalamos la herramienta.



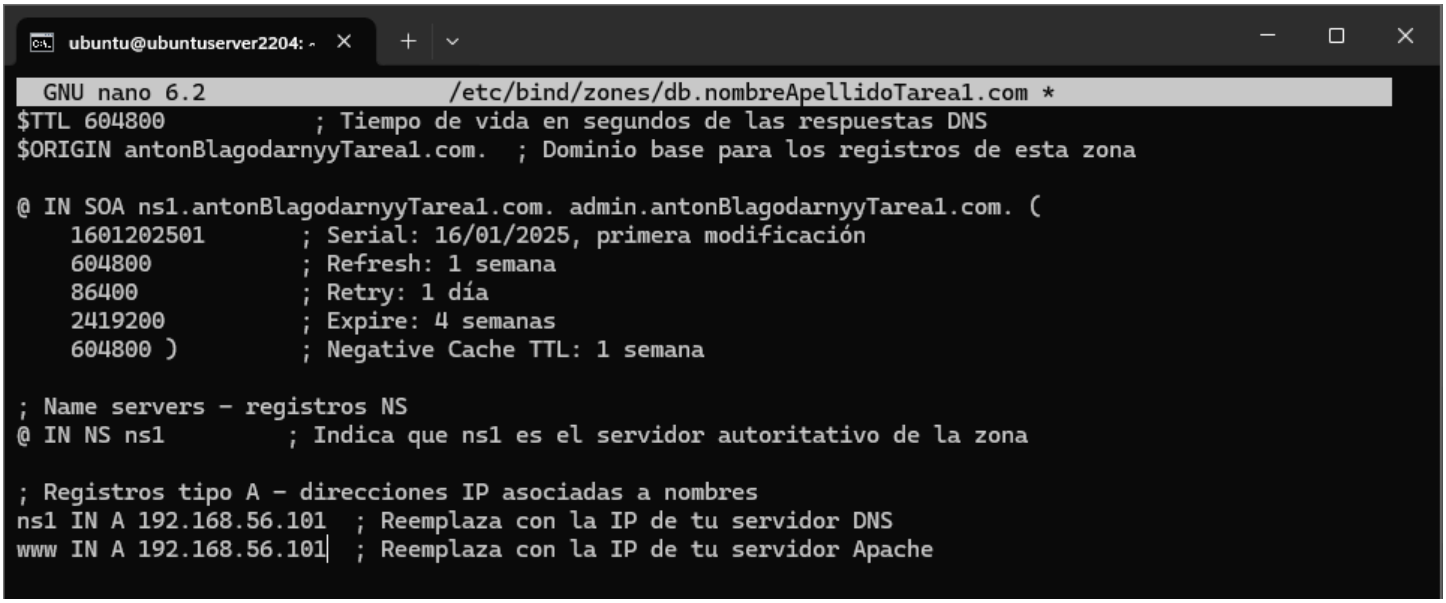
3.-Actualizamos el fichero named.conf.options



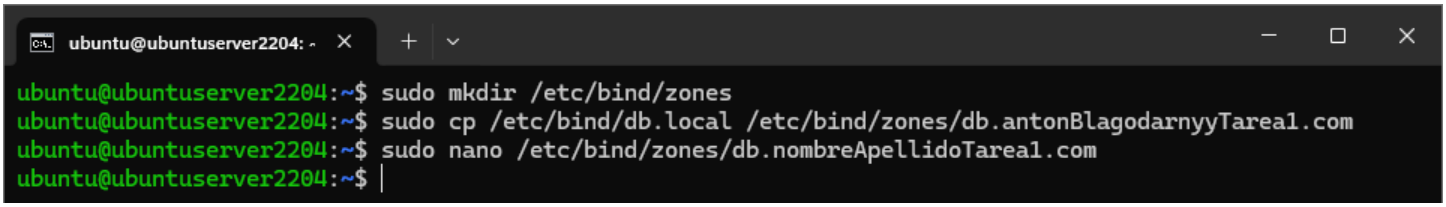

4.-Actualizamos el archivo /bind9

5.-Configuramos el archivo /named.conf.local

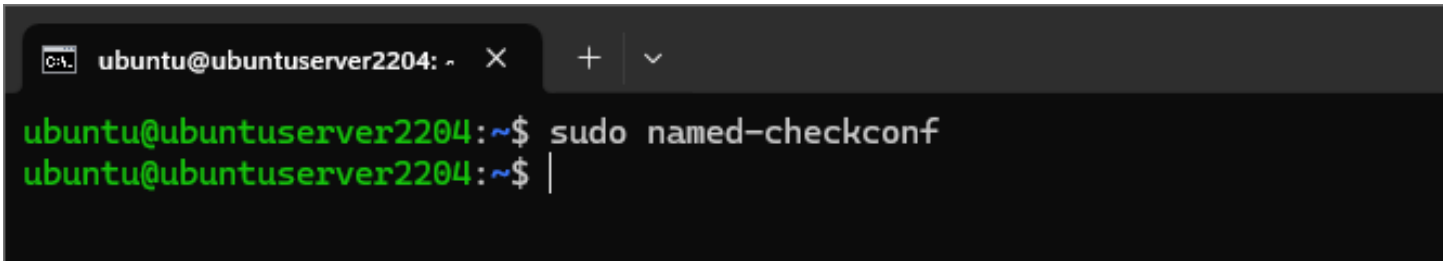

6.-Creamos el archivo de la zona directa con la configuracion indicada.

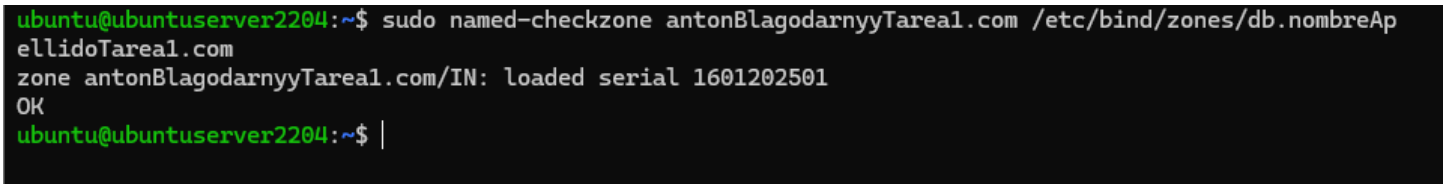


7.-Aqui se ve como se ha creado la carpeta y pegado en el sitio indicado.

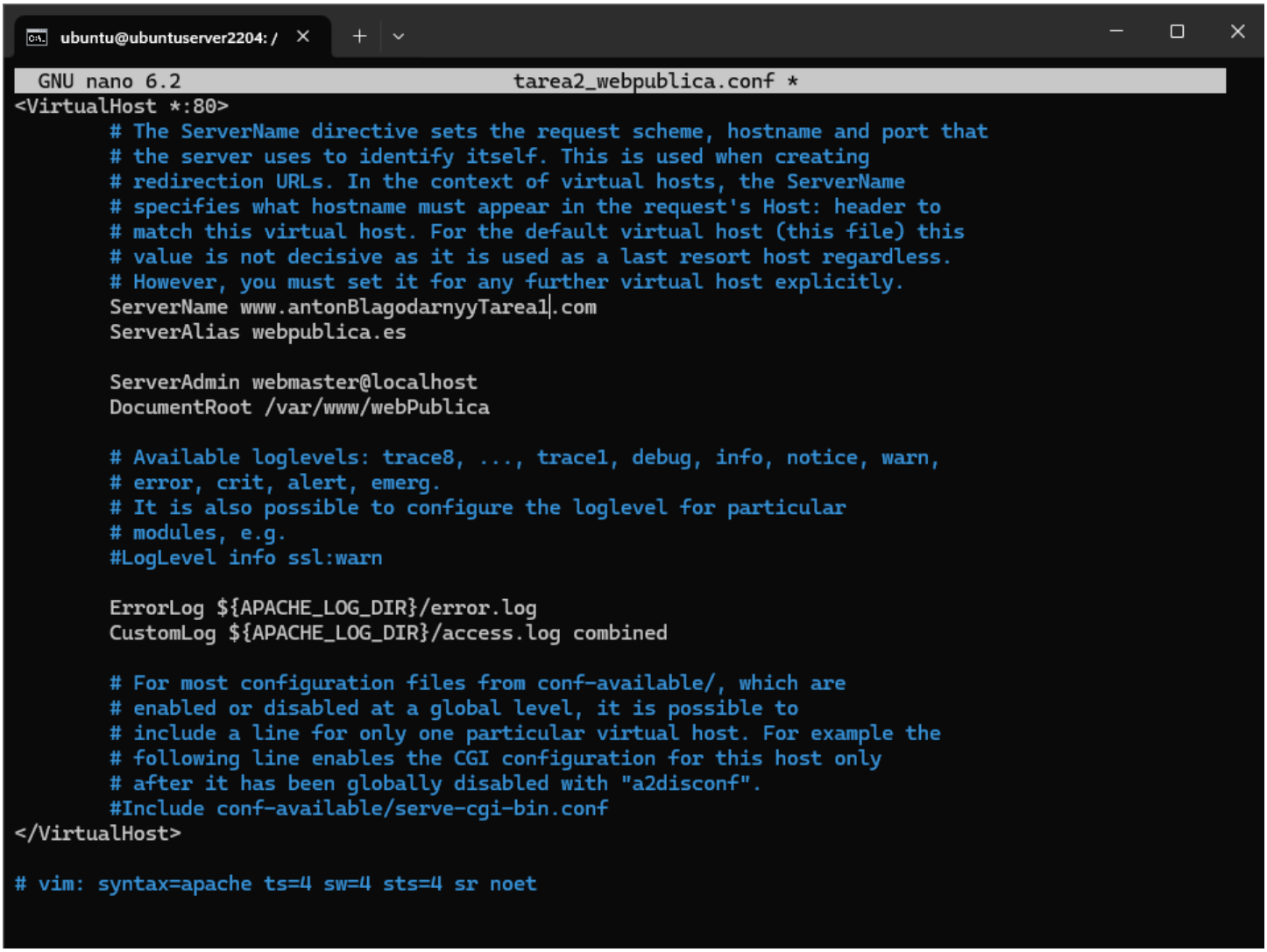



8.-Comprobamos los errores sintacticos.



9.-Configuramos la pagina web para que escuche por el puerto indicado.

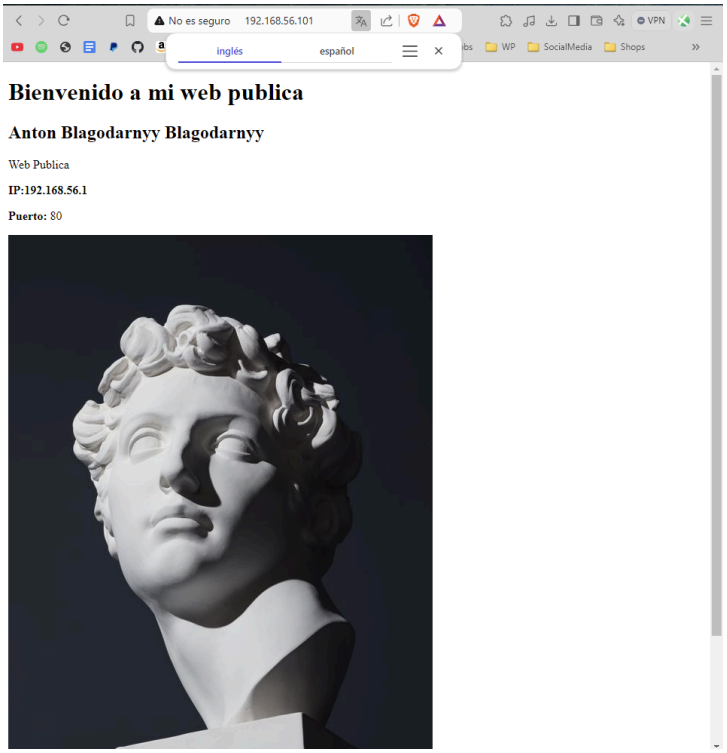



10.-Reiniciamos el servidor

```
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$ sudo a2ensite tarea2_webpublica.conf
Enabling site tarea2_webpublica.
To activate the new configuration, you need to run:
  systemctl reload apache2
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$ systemctl reload apache2
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to reload 'apache2.service'.
Authenticating as: Ubuntu (ubuntu)
Password:
==== AUTHENTICATION COMPLETE ===
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$ systemctl server status apache2
Unknown command verb server.
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$ systemctl status apache2
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
     Active: active (running) since Thu 2025-01-16 11:12:31 UTC; 28min ago
       Docs: https://httpd.apache.org/docs/2.4/
    Process: 2955 ExecReload=/usr/sbin/apachectl graceful (code=exited, status=0/SUCCESS)
   Main PID: 789 (apache2)
      Tasks: 6 (limit: 2226)
     Memory: 15.8M
        CPU: 319ms
     CGroup: /system.slice/apache2.service
             ├─ 789 /usr/sbin/apache2 -k start
             ├─2959 /usr/sbin/apache2 -k start
             ├─2960 /usr/sbin/apache2 -k start
             ├─2961 /usr/sbin/apache2 -k start
             ├─2962 /usr/sbin/apache2 -k start
             └─2963 /usr/sbin/apache2 -k start

Jan 16 11:12:31 ubuntuserver2204 systemd[1]: Starting The Apache HTTP Server...
Jan 16 11:12:31 ubuntuserver2204 systemd[1]: Started The Apache HTTP Server.
Jan 16 11:12:31 ubuntuserver2204 systemd[1]: Reloading The Apache HTTP Server...
Jan 16 11:12:32 ubuntuserver2204 systemd[1]: Reloaded The Apache HTTP Server.
Jan 16 11:40:16 ubuntuserver2204 systemd[1]: Reloading The Apache HTTP Server...
Jan 16 11:40:16 ubuntuserver2204 systemd[1]: Reloaded The Apache HTTP Server.
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$
```

11.-Comprobamos que la ip funciona




12.-Corregimos el archivo de zona.

```
ubuntu@ubuntuserver2204: /
  GNU nano 6.2                  /etc/bind/zones/db.antonBlagodarnyyTarea1.com *
;
; BIND data file for local loopback interfac

$TTL    604800
@       IN      SOA     ns1.antonBlagodarnyyTarea1.com. admin.antonBlagodarnyyTarea1.com. (
                              2024011601 ; Serial (use a date-based format and increment for each cha>
                         604800         ; Refresh
                          86400         ; Retry
                        2419200         ; Expire
                         604800 )       ; Negative Cache TTL

; Name servers
@       IN      NS      ns1.antonBlagodarnyyTarea1.com.

; A records
ns1     IN      A       192.168.56.101   ; Replace with your DNS server's IP
www     IN      A       192.168.56.101   ; Replace with your Apache server's IP

; Optional: Add more A records if needed for other services
```

13.-Corregimos el archivo de configuracion.

```
ubuntu@ubuntuserver2204: /
 GNU nano 6.2                          /etc/bind/named.conf.options *
options {
        directory "/var/cache/bind";

    listen-on port 53 {127.0.0.1; 192.168.56.101; };   // Reemplaza 192.168.x.x por la IP interna del>
    recursion no;                       // Deshabilita la resolución recursiva.
    allow-transfer { none; };           // Bloquea transferencias de zona.
    version "No disponible";            // Oculta la versión de Bind.

forwarders {
    8.8.8.8;
    8.8.4.4;
};


        // If there is a firewall between you and nameservers you want
        // to talk to, you may need to fix the firewall to allow multiple
        // ports to talk.  See http://www.kb.cert.org/vuls/id/800113

        // If your ISP provided one or more IP addresses for stable
        // nameservers, you probably want to use them as forwarders.
        // Uncomment the following block, and insert the addresses replacing
        // the all-0's placeholder.

        // forwarders {
        //      0.0.0.0;
        // };

        //========================================================================
        // If BIND logs error messages about the root key being expired,
        // you will need to update your keys.  See https://www.isc.org/bind-keys
        //========================================================================
        dnssec-validation auto;

        listen-on-v6 { any; };
};
```

14.-Con el comando nslookup comprobamos la resolucion del dominio.

```
C:\Users\anton>nslookup antonBlagodarnyyTarea1.com 192.168.56.101
Servidor:  UnKnown
Address:  192.168.56.101

Nombre:  antonBlagodarnyyTarea1.com
Address:  192.168.56.101


C:\Users\anton>
```