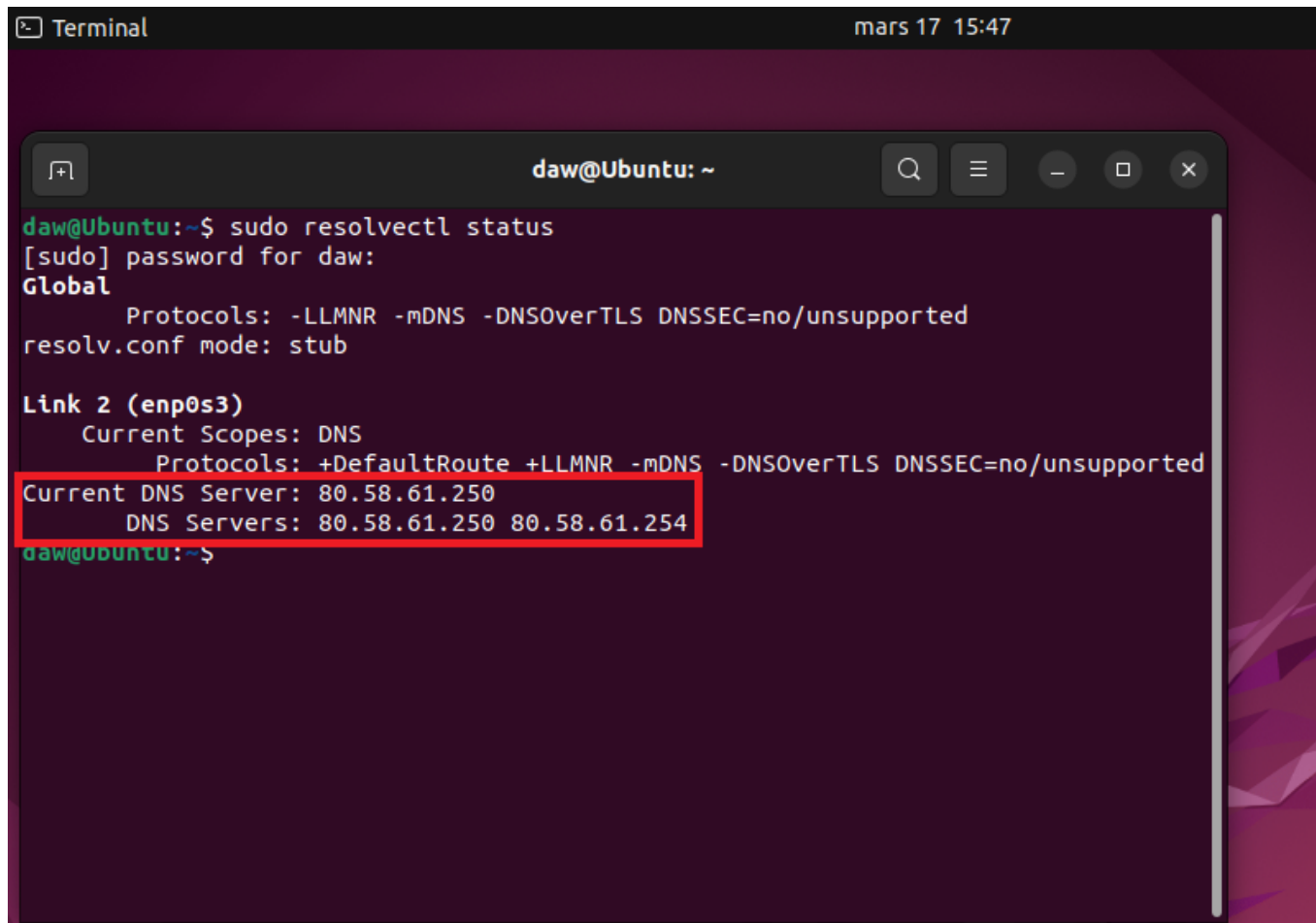


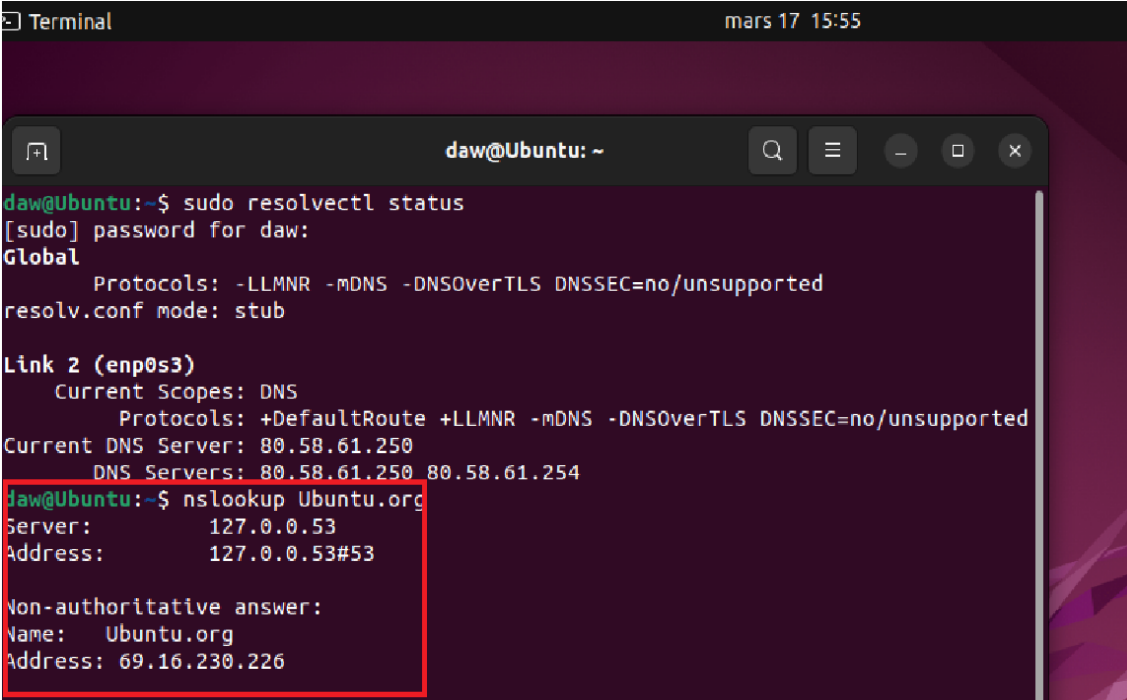
1. Servidores DNS actualmente configurados en el equipo.



```
Terminal mars 17 15:47
daw@Ubuntu: ~
daw@Ubuntu:~$ sudo resolvectl status
[sudo] password for daw:
Global
    Protocols: -LLMNR -mDNS -DNSOverTLS DNSSEC=no/unsupported
    resolv.conf mode: stub

Link 2 (enp0s3)
    Current Scopes: DNS
    Protocols: +DefaultRoute +LLMNR -mDNS -DNSOverTLS DNSSEC=no/unsupported
    Current DNS Server: 80.58.61.250
    DNS Servers: 80.58.61.250 80.58.61.254
daw@Ubuntu:~$
```

2. La dirección IP del dominio Ubuntu.org obtenida mediante la herramienta nslookup.



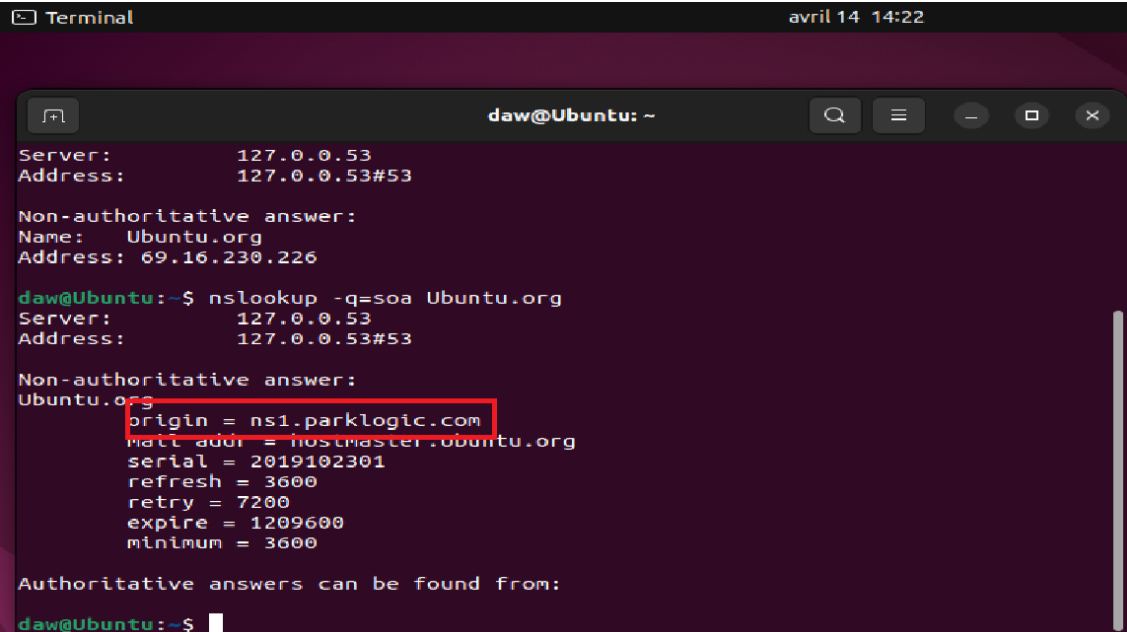
A terminal window titled 'Terminal' with the date 'mars 17 15:55'. The user 'daw@Ubuntu: ~' is running the command 'sudo resolvectl status'. The output shows the global DNS configuration, including protocols and the current DNS server (80.58.61.250). Below this, the user runs 'nslookup Ubuntu.org'. The output shows a non-authoritative answer with the IP address 69.16.230.226. A red box highlights the 'nslookup' command and its output.

```
daw@Ubuntu:~$ sudo resolvectl status
[sudo] password for daw:
Global
  Protocols: -LLMNR -mDNS -DNSOverTLS DNSSEC=no/unsupported
resolv.conf mode: stub

Link 2 (enp0s3)
  Current Scopes: DNS
    Protocols: +DefaultRoute +LLMNR -mDNS -DNSOverTLS DNSSEC=no/unsupported
  Current DNS Server: 80.58.61.250
  DNS Servers: 80.58.61.250 80.58.61.254
daw@Ubuntu:~$ nslookup Ubuntu.org
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Name:   Ubuntu.org
Address: 69.16.230.226
```

3. Servidor autoritativo del dominio Ubuntu.org.



A terminal window titled 'Terminal' with the date 'avril 14 14:22'. The user 'daw@Ubuntu: ~' is running the command 'nslookup -q=soa Ubuntu.org'. The output shows the SOA record for the domain, including the origin 'ns1.parklogic.com', which is highlighted with a red box. The output also shows the authoritative answers can be found from the origin.

```
daw@Ubuntu:~$ nslookup -q=soa Ubuntu.org
Server:      127.0.0.53
Address:     127.0.0.53#53

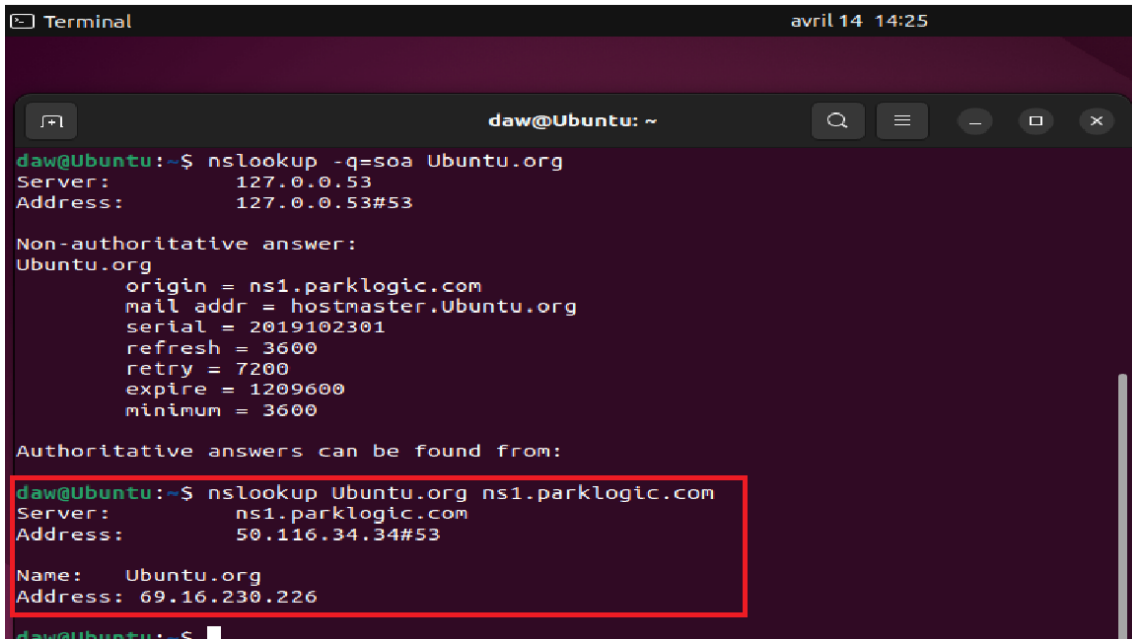
Non-authoritative answer:
Name:   Ubuntu.org
Address: 69.16.230.226

daw@Ubuntu:~$ nslookup -q=soa Ubuntu.org
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Ubuntu.org
  origin = ns1.parklogic.com
  mail addr = hostmaster.ubuntu.org
  serial = 2019102301
  refresh = 3600
  retry = 7200
  expire = 1209600
  minimum = 3600

Authoritative answers can be found from:
daw@Ubuntu:~$
```

4. La dirección IP del dominio Ubuntu.org obtenida de su servidor autoritativo (apartado 3) mediante la herramienta nslookup. Es decir, la IP obtenida sin que muestre el mensaje "Non-authoritative answer / respuesta no autoritativa"



```
Terminal
avril 14 14:25

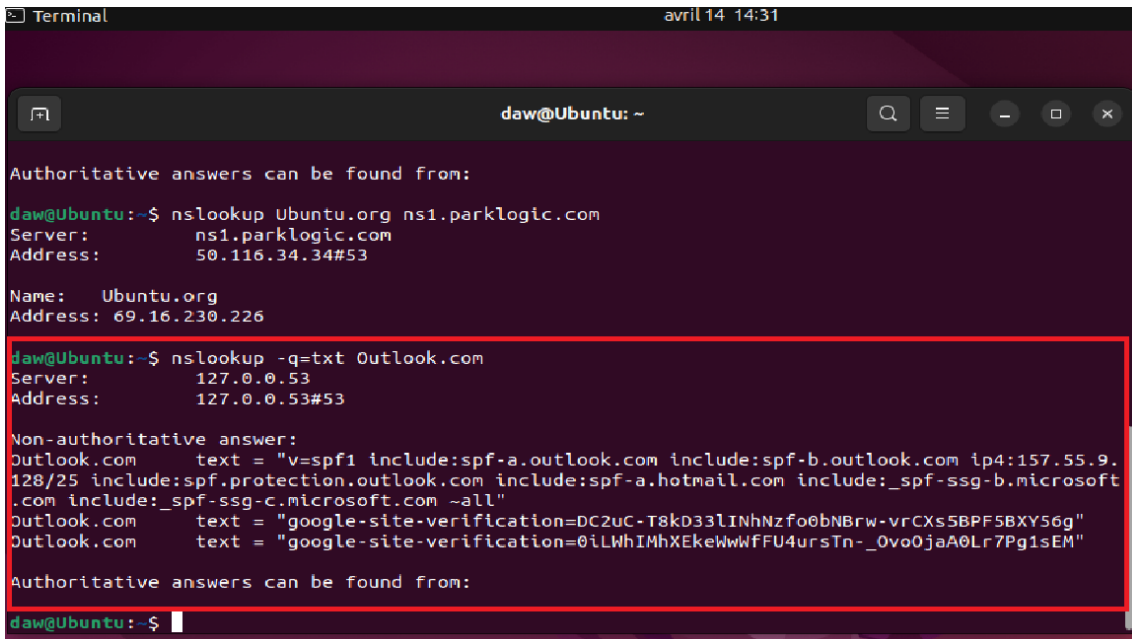
daw@Ubuntu: ~
daw@Ubuntu:~$ nslookup -q=soa Ubuntu.org
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Ubuntu.org
    origin = ns1.parklogic.com
    mail addr = hostmaster.Ubuntu.org
    serial = 2019102301
    refresh = 3600
    retry = 7200
    expire = 1209600
    minimum = 3600

Authoritative answers can be found from:
daw@Ubuntu:~$ nslookup Ubuntu.org ns1.parklogic.com
Server:      ns1.parklogic.com
Address:     50.116.34.34#53

Name:   Ubuntu.org
Address: 69.16.230.226
daw@Ubuntu:~$
```

5. Todos los registros de tipo TXT del dominio Outlook.com, obtenidos con la herramienta nslookup.



```
Terminal
avril 14 14:31

daw@Ubuntu: ~
Authoritative answers can be found from:
daw@Ubuntu:~$ nslookup Ubuntu.org ns1.parklogic.com
Server:      ns1.parklogic.com
Address:     50.116.34.34#53

Name:   Ubuntu.org
Address: 69.16.230.226

daw@Ubuntu:~$ nslookup -q=txt Outlook.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Outlook.com    text = "v=spf1 include:spf-a.outlook.com include:spf-b.outlook.com ip4:157.55.9.128/25 include:spf.protection.outlook.com include:spf-a.hotmail.com include:_spf-ssg-b.microsoft.com include:_spf-ssg-c.microsoft.com ~all"
Outlook.com    text = "google-site-verification=DC2uC-T8kD33lINhNzfo0bNBw-vrCXs5BPF5BXY56g"
Outlook.com    text = "google-site-verification=0iLWhIMhXEkwWfFU4ursTn-_Ovo0jaA0Lr7Pg1sEM"

Authoritative answers can be found from:
daw@Ubuntu:~$
```

6. Nombre del dominio que corresponde a la dirección IP 192.0.43.7, obtenido con la herramienta nslookup.

```
Terminal
avril 14 14:46

daw@Ubuntu: ~
Search
Menu
-
+
x

daw@Ubuntu:~$ nslookup Ubuntu.org ns1.parklogic.com
Server:      ns1.parklogic.com
Address:     50.116.34.34#53

Name:   Ubuntu.org
Address: 69.16.230.226

daw@Ubuntu:~$ nslookup -q=txt Outlook.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Outlook.com      text = "v=spf1 include:spf-a.outlook.com include:spf-b.outlook.com ip4:157.55.9.128/25 include:spf.protection.outlook.com include:spf-a.hotmail.com include:_spf-ssg-b.microsoft.com include:_spf-ssg-c.microsoft.com ~all"
Outlook.com      text = "google-site-verification=DC2uC-T8kD33lINhNzf00bNBw-vrCXs5BPF5BXY56g"
Outlook.com      text = "google-site-verification=0iLWhIMhXEkeWwWfFU4ursTn-_Ovo0jaA0Lr7Pg1sEM"

Authoritative answers can be found from:

daw@Ubuntu:~$ nslookup 192.0.42.7
** server can't find 7.42.0.192.in-addr.arpa: NXDOMAIN

daw@Ubuntu:~$
```