

# NSLOOKUP COMMAND

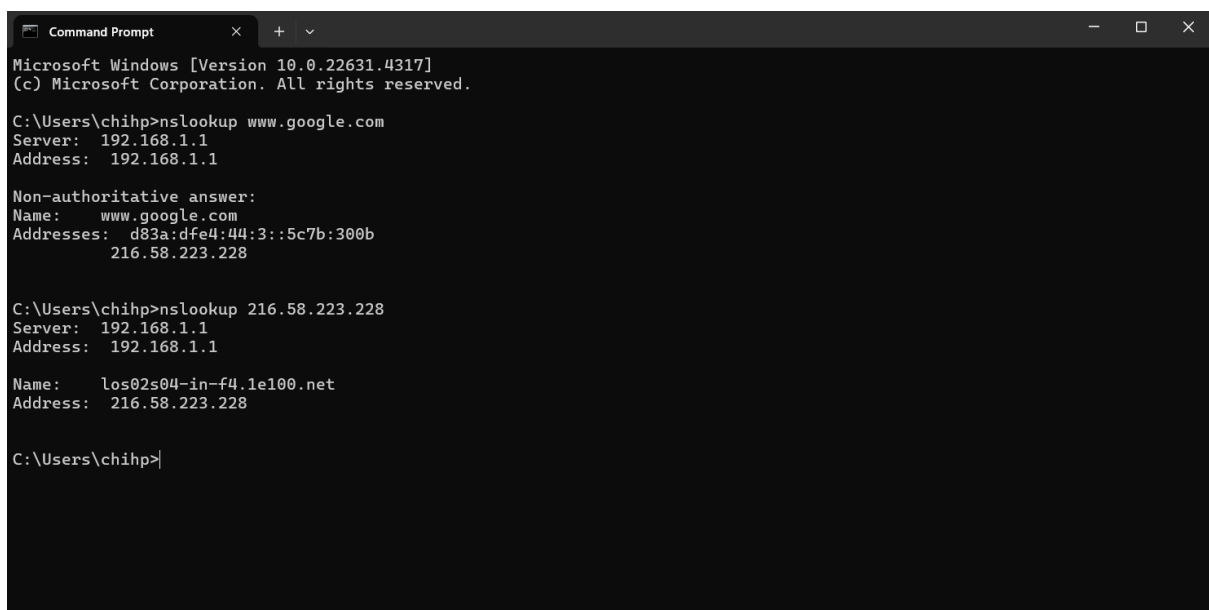
## TOOL: WINDOWS

## EXAMPLE: GOOGLE.COM

NSLOOKUP is a command line tool for querying DNS records and troubleshooting network-related issues in Kali Linux. It allows you to obtain details about domain names, IP addresses, and other DNS-related information from DNS servers.

### nslookup commands:

- `nslookup google.com` – Find the IP address of the domain `google.com`.
- `nslookup 192.168.8.1` – Reverse lookup for the IP `192.168.8.1` to find the domain.
- `nslookup -querytype=MX google.com` – to get the mail exchange server records (email servers) for `google.com`.
- `nslookup -querytype=NS google.com` – to get Name Server records for `google.com`.
- `nslookup -querytype=ANY google.com` – Retrieve all DNS records for `google.com`.



```
Command Prompt
Microsoft Windows [Version 10.0.22631.4317]
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C:\Users\chihp>nslookup www.google.com
Server: 192.168.1.1
Address: 192.168.1.1

Non-authoritative answer:
Name: www.google.com
Addresses: d83a:dfe4:44:3::5c7b:300b
          216.58.223.228

C:\Users\chihp>nslookup 216.58.223.228
Server: 192.168.1.1
Address: 192.168.1.1

Name: los02s04-in-f4.1e100.net
Address: 216.58.223.228

C:\Users\chihp>
```

```
Command Prompt - nslookup  X + v
C:\Users\chihp>nslookup 216.58.223.228
Server: 192.168.1.1
Address: 192.168.1.1

Name:   los02s04-in-f4.1e100.net
Address: 216.58.223.228

C:\Users\chihp>nslookup -querytype=mx google.com
Server: 192.168.1.1
Address: 192.168.1.1

Non-authoritative answer:
google.com      MX preference = 10, mail exchanger = smtp.google.com

C:\Users\chihp>nslookup
Default Server: 192.168.1.1
Address: 192.168.1.1

> set query=ns
> google.com
Server: 192.168.1.1
Address: 192.168.1.1

Non-authoritative answer:
google.com      nameserver = ns1.google.com
google.com      nameserver = ns3.google.com
google.com      nameserver = ns2.google.com
google.com      nameserver = ns4.google.com
> |
```

```
Command Prompt  X + v

Non-authoritative answer:
google.com      MX preference = 10, mail exchanger = smtp.google.com

C:\Users\chihp>nslookup
Default Server: 192.168.1.1
Address: 192.168.1.1

> set query=ns
> google.com
Server: 192.168.1.1
Address: 192.168.1.1

Non-authoritative answer:
google.com      nameserver = ns1.google.com
google.com      nameserver = ns3.google.com
google.com      nameserver = ns2.google.com
google.com      nameserver = ns4.google.com
> nslookup -querytype=txt google.com
Unrecognized command: nslookup -querytype=txt google.com
> set query=txt google.com
Unrecognized command: set query=txt google.com
>
C:\Users\chihp>nslookup -querytype=txt google.com
Server: 192.168.1.1
Address: 192.168.1.1

*** No text (TXT) records available for google.com

C:\Users\chihp>
```