

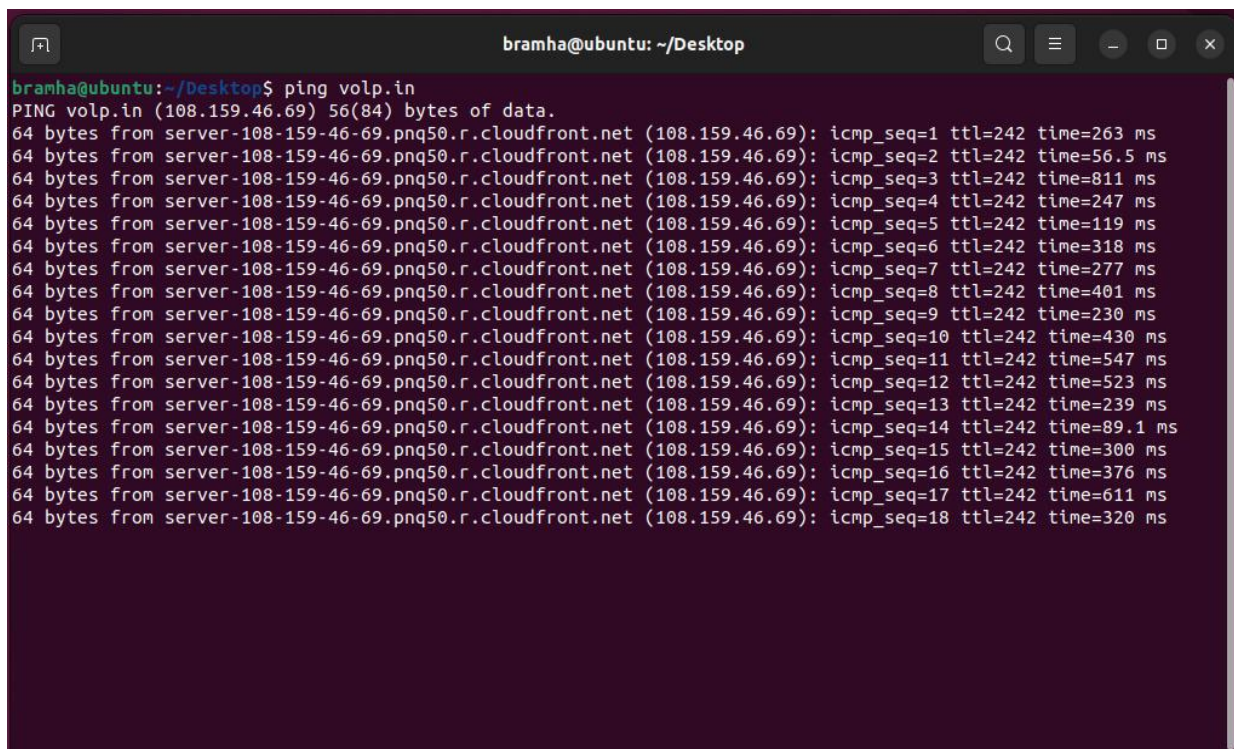
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Roll no – 7

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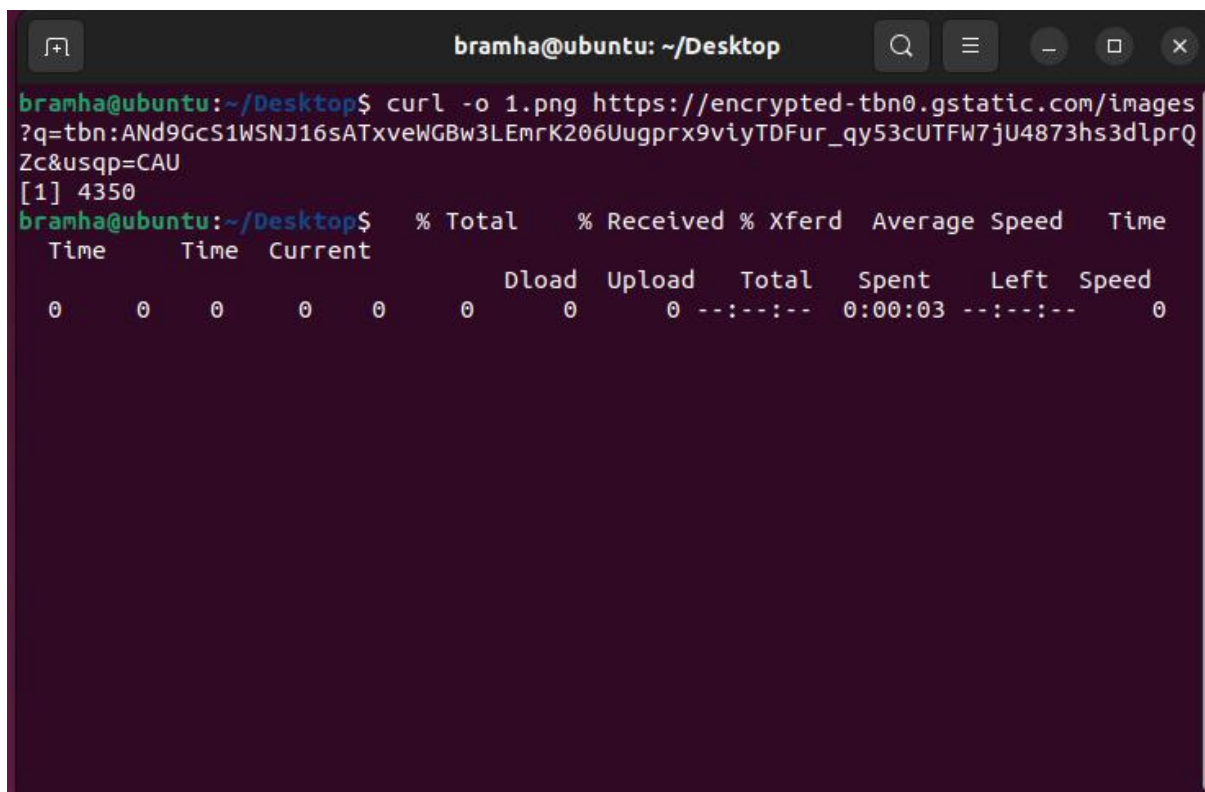
ASSIGNMENT 2

Ping -PING (Packet Internet Groper) command is used to check the network connectivity between host and server/host. This command takes as input the IP address or the URL and sends a data packet to the specified address with the message “PING” and get a response from the server/host this time is recorded which is called latency.

A terminal window titled 'bramha@ubuntu: ~/Desktop' showing the execution of the 'ping volp.in' command. The output displays 18 successful ping responses from 'server-108-159-46-69.pnq50.r.cloudfront.net' (108.159.46.69) with varying times and TTL values.

```
bramha@ubuntu:~/Desktop$ ping volp.in
PING volp.in (108.159.46.69) 56(84) bytes of data.
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=1 ttl=242 time=263 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=2 ttl=242 time=56.5 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=3 ttl=242 time=811 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=4 ttl=242 time=247 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=5 ttl=242 time=119 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=6 ttl=242 time=318 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=7 ttl=242 time=277 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=8 ttl=242 time=401 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=9 ttl=242 time=230 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=10 ttl=242 time=430 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=11 ttl=242 time=547 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=12 ttl=242 time=523 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=13 ttl=242 time=239 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=14 ttl=242 time=89.1 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=15 ttl=242 time=300 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=16 ttl=242 time=376 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=17 ttl=242 time=611 ms
64 bytes from server-108-159-46-69.pnq50.r.cloudfront.net (108.159.46.69): icmp_seq=18 ttl=242 time=320 ms
```

Curl - Curl is a command-line tool to transfer data to or from a server, using any of the supported protocols (HTTP, FTP, IMAP, POP3, SCP, SFTP, SMTP, TFTP, TELNET, LDAP, or FILE). *curl* is powered by Libcurl. This tool is preferred for automation since it is designed to work without user interaction. *curl* can transfer multiple files at once.

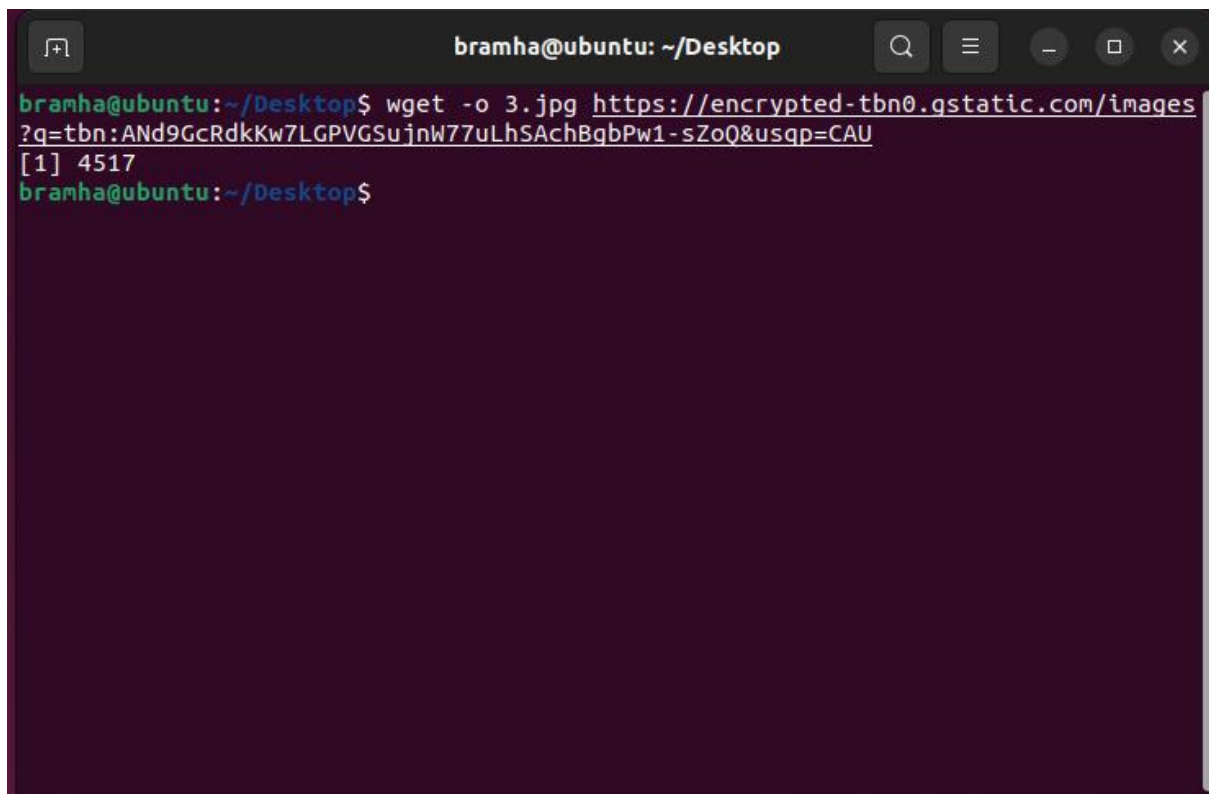


```
bramha@ubuntu: ~/Desktop
bramha@ubuntu:~/Desktop$ curl -o 1.png https://encrypted-tbn0.gstatic.com/images?q=tbn:AND9GcS1WSNJ16sATxveWGBw3LEmrK206Uugprx9vlyTDFur_qy53cUTFW7jU4873hs3dlprQZc&usqp=CAU
[1] 4350
bramha@ubuntu:~/Desktop$
```

Time		Time	Current	% Total	% Received	% Xferd	Average Speed	Time
0	0	0	0	0	0	0	0	0
				Dload	Upload	Total	Spent	Left
				0	0	0	0:00:03	0:00:03
				Speed				
				0				

Wget - Wget is the non-interactive network downloader which is used to download files from the server even when the user has not logged on to the system and it can work in the background without hindering the current process.

wget is a free utility for non-interactive download of files from the Web. It supports HTTP, HTTPS, and FTP protocols, as well as retrieval through HTTP proxies.

A terminal window titled 'bramha@ubuntu: ~/Desktop' with standard window controls. The terminal shows a command being executed: 'wget -o 3.jpg https://encrypted-tbn0.gstatic.com/images?q=tbn:AND9GcRdkKw7LGPVGSujnW77uLhSAchBqbPw1-sZoQ&usqp=CAU'. The output of the command is '[1] 4517', indicating the file was successfully downloaded. The prompt 'bramha@ubuntu:~/Desktop\$' is visible at the bottom of the terminal output.

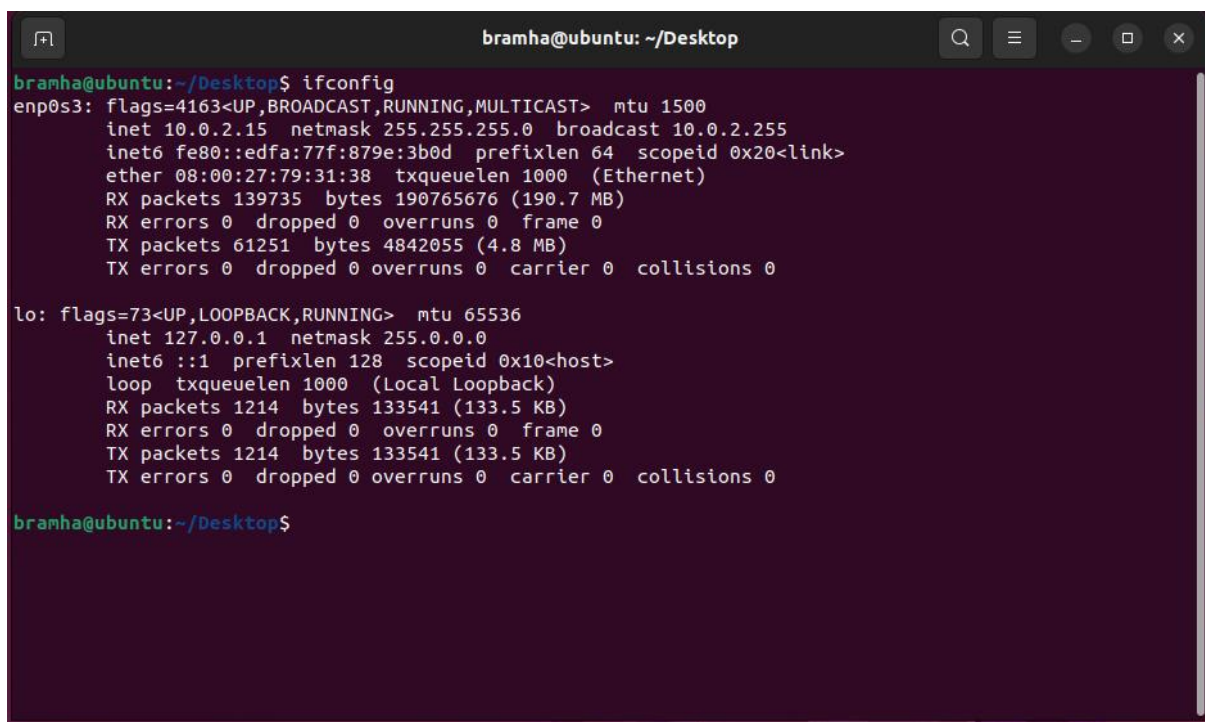
```
bramha@ubuntu:~/Desktop$ wget -o 3.jpg https://encrypted-tbn0.gstatic.com/images?q=tbn:AND9GcRdkKw7LGPVGSujnW77uLhSAchBqbPw1-sZoQ&usqp=CAU
[1] 4517
bramha@ubuntu:~/Desktop$
```

tcpdump - **tcpdump** is a packet sniffing and packet analyzing tool for a System Administrator to troubleshoot connectivity issues in Linux. It is used to capture, filter, and analyze network traffic such as TCP/IP packets going through your system. It is many times used as a security tool as well.


```
bramha@ubuntu: ~/Desktop
[bramha@ubuntu:~/Desktop$ sudo tcpdump
[sudo] password for bramha:
Sorry, try again.
[sudo] password for bramha:
tcpdump: verbose output suppressed, use -v[v]... for full protocol decode
listening on enp0s3, link-type EN10MB (Ethernet), snapshot length 262144 bytes
21:36:19.317367 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 1
70871776:170878470, ack 3007017310, win 65535, length 6694
21:36:19.317596 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 66
94, win 65535, length 0
21:36:19.318714 IP ubuntu.58442 > 192.168.43.1.domain: 38740+ PTR? 15.2.0.10.in-addr.arpa. (40)
21:36:19.339343 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 6
694:10744, ack 1, win 65535, length 4050
21:36:19.339664 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 10
744, win 65535, length 0
21:36:19.341764 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 1
0744:14794, ack 1, win 65535, length 4050
21:36:19.341955 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 14
794, win 65535, length 0
21:36:19.345223 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 1
4794:17494, ack 1, win 65535, length 2700
21:36:19.345278 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 17
494, win 65535, length 0
21:36:19.346370 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 1
7494:18844, ack 1, win 65535, length 1350
21:36:19.346618 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 18
844, win 65535, length 0
21:36:19.348676 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 1
```

```
bramha@ubuntu: ~/Desktop
72444:473794, ack 1, win 65535, length 1350
21:36:20.742625 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 47
3794, win 65535, length 0
21:36:20.747600 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 4
73794:476494, ack 1, win 65535, length 2700
21:36:20.747623 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 47
6494, win 65535, length 0
21:36:20.772343 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 4
76494:479194, ack 1, win 65535, length 2700
21:36:20.772400 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 47
9194, win 65535, length 0
21:36:20.779056 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 4
79194:481894, ack 1, win 65535, length 2700
21:36:20.779111 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 48
1894, win 65535, length 0
21:36:20.781164 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 4
81894:485944, ack 1, win 65535, length 4050
21:36:20.781389 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 48
5944, win 65535, length 0
21:36:20.783867 IP snapstore-content-cache-2.ps5.canonical.com.https > ubuntu.59592: Flags [P.], seq 4
85944:487294, ack 1, win 65535, length 1350
21:36:20.784010 IP ubuntu.59592 > snapstore-content-cache-2.ps5.canonical.com.https: Flags [.], ack 48
7294, win 65535, length 0
^C
330 packets captured
346 packets received by filter
0 packets dropped by kernel
bramha@ubuntu:~/Desktop$
```

Ifconfig - **ifconfig**(interface configuration) command is used to configure the kernel-resident network interfaces. It is used at the boot time to set up the interfaces as necessary. After that, it is usually used when needed during debugging or when you need system tuning. Also, this command is used to assign the IP address and netmask to an interface or to enable or disable a given interface.

A terminal window titled 'bramha@ubuntu: ~/Desktop' showing the output of the 'ifconfig' command. The output displays details for the 'enp0s3' and 'lo' interfaces, including their flags, MTU, IP addresses, netmasks, broadcast addresses, MAC addresses, and statistics for RX and TX packets, bytes, errors, and collisions.

```
bramha@ubuntu:~/Desktop$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::edfa:77f:879e:3b0d prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:79:31:38 txqueuelen 1000 (Ethernet)
    RX packets 139735 bytes 190765676 (190.7 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 61251 bytes 4842055 (4.8 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 1214 bytes 133541 (133.5 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1214 bytes 133541 (133.5 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

bramha@ubuntu:~/Desktop$
```

Netstat - Netstat command displays various network related information such as network connections, routing tables, interface statistics, masquerade connections, multicast memberships.

```
bramha@ubuntu: ~/Desktop
bramha@ubuntu:~/Desktop$ netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 ubuntu:41104           bom07s35-ln-f10.1:https TIME_WAIT
tcp        0      0 ubuntu:44694           whatsapp-cdn-shv-:https ESTABLISHED
tcp        0      0 ubuntu:41836           49.44.234.99:https     ESTABLISHED
tcp        0      0 ubuntu:39022           55.65.117.34.bc.g:https ESTABLISHED
udp        0      0 ubuntu:bootpc          _gateway:bootps        ESTABLISHED

Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags       Type       State      I-Node  Path
unix    2      [ ]         SEQPACKET  CONNECTED  64619   /
unix    3      [ ]         STREAM     CONNECTED  60962   /run/user/1000/gvfsd/socket-YcpssRe4
unix    3      [ ]         STREAM     CONNECTED  23450   /
unix    3      [ ]         STREAM     CONNECTED  23446   /
unix    3      [ ]         STREAM     CONNECTED  23404   /run/user/1000/pipewire-0
unix    3      [ ]         STREAM     CONNECTED  24733   /run/systemd/journal/stdout
unix    3      [ ]         STREAM     CONNECTED  21757   /
unix    3      [ ]         STREAM     CONNECTED  24659   /
unix    3      [ ]         STREAM     CONNECTED  22361   /run/user/1000/pulse/native
unix    2      [ ]         STREAM     CONNECTED  67759   /
unix    3      [ ]         STREAM     CONNECTED  24946   /run/user/1000/at-spi/bus
unix    3      [ ]         STREAM     CONNECTED  24131   /
unix    3      [ ]         STREAM     CONNECTED  20453   /run/dbus/system_bus_socket
unix    3      [ ]         STREAM     CONNECTED  58218   /run/user/1000/at-spi/bus
unix    3      [ ]         STREAM     CONNECTED  28865   /run/systemd/journal/stdout
unix    3      [ ]         STREAM     CONNECTED  19281   /run/systemd/journal/stdout
unix    3      [ ]         DGRAM      CONNECTED  15966   /
unix    2      [ ]         STREAM     CONNECTED  63100   /
unix    3      [ ]         STREAM     CONNECTED  36614   /
unix    3      [ ]         STREAM     CONNECTED  26480   /run/user/1000/wayland-0
unix    3      [ ]         STREAM     CONNECTED  16131   /run/systemd/journal/stdout
unix    3      [ ]         STREAM     CONNECTED  19368   /run/dbus/system_bus_socket
unix    3      [ ]         STREAM     CONNECTED  21008   /
unix    3      [ ]         STREAM     CONNECTED  55165   /
unix    3      [ ]         STREAM     CONNECTED  23383   /
unix    3      [ ]         STREAM     CONNECTED  23382   /
unix    3      [ ]         STREAM     CONNECTED  23052   /
unix    3      [ ]         STREAM     CONNECTED  66020   /run/systemd/journal/stdout
unix    3      [ ]         STREAM     CONNECTED  67006   /
unix    3      [ ]         STREAM     CONNECTED  27054   /run/dbus/system_bus_socket
unix    2      [ ]         DGRAM      CONNECTED  22308   /
unix    3      [ ]         STREAM     CONNECTED  23853   /run/systemd/journal/stdout
unix    3      [ ]         STREAM     CONNECTED  19363   /run/dbus/system_bus_socket
unix    3      [ ]         STREAM     CONNECTED  26393   /
unix    2      [ ]         DGRAM      CONNECTED  26953   /
unix    3      [ ]         STREAM     CONNECTED  22333   /run/user/1000/bus
unix    2      [ ]         SEQPACKET  CONNECTED  61788   /
unix    3      [ ]         STREAM     CONNECTED  24956   @/home/bramha/.cache/ibus/dbus-UgoJmnAe
unix    3      [ ]         STREAM     CONNECTED  26350   /run/user/1000/bus
unix    3      [ ]         STREAM     CONNECTED  16055   /run/systemd/journal/stdout
unix    3      [ ]         STREAM     CONNECTED  40741   /
unix    3      [ ]         STREAM     CONNECTED  27673   /
unix    3      [ ]         STREAM     CONNECTED  24969   /
unix    3      [ ]         STREAM     CONNECTED  22490   /
unix    3      [ ]         STREAM     CONNECTED  26920   /run/user/1000/bus
unix    3      [ ]         STREAM     CONNECTED  60020   /run/user/1000/bus
unix    3      [ ]         STREAM     CONNECTED  24919   /
unix    3      [ ]         STREAM     CONNECTED  21004   /run/systemd/journal/stdout
```

Dig - **dig** command stands for Domain Information Groper. It is used for retrieving information about DNS name servers. It is basically used by network administrators. It is used for verifying and troubleshooting DNS problems and to perform DNS lookups.


```
bramha@ubuntu: ~/Desktop
bramha@ubuntu:~/Desktop$ dig volp.in

; <<> DiG 9.18.12-0ubuntu0.22.04.2-Ubuntu <<> volp.in
;; global options: +cmd
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 55901
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;volp.in.                IN      A

;; ANSWER SECTION:
volp.in.                60      IN      A      108.159.46.18
volp.in.                60      IN      A      108.159.46.10
volp.in.                60      IN      A      108.159.46.69
volp.in.                60      IN      A      108.159.46.39

;; Query time: 504 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Tue Aug 29 21:39:19 IST 2023
;; MSG SIZE rcvd: 100

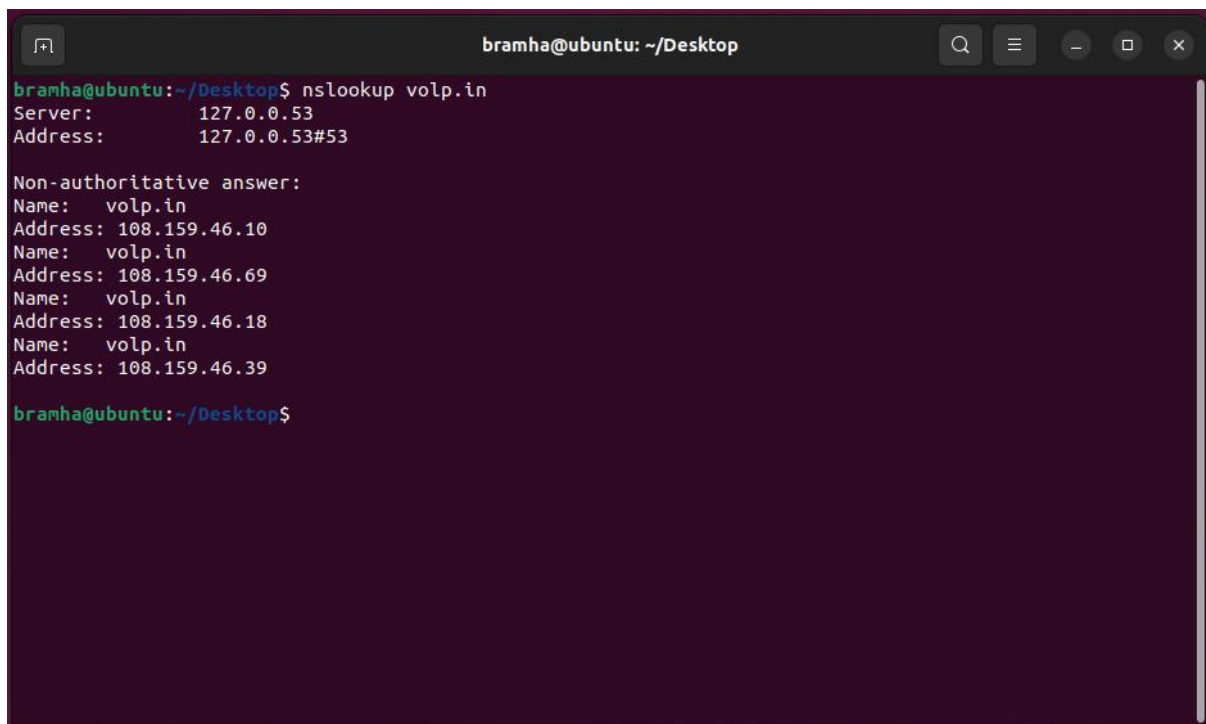
bramha@ubuntu:~/Desktop$
```

Traceroute - **traceroute** command in Linux prints the route that a packet takes to reach the host. This command is useful when you want to know about the route and about all the hops that a packet takes.

```
bramha@ubuntu: ~/Desktop
bramha@ubuntu:~/Desktop$ traceroute volp.in
traceroute to volp.in (108.159.46.10), 30 hops max, 60 byte packets
 1  _gateway (10.0.2.2)  0.732 ms  0.685 ms  0.668 ms
 2  * * *
 3  * * *
 4  * * *
 5  * * *
 6  * * *
 7  *^C

bramha@ubuntu:~/Desktop$
```

Nslookup - **Nslookup** (Name Server Lookup) is a useful command for getting information from the DNS server. It is a network administration tool for querying the Domain Name System (DNS) to obtain domain name or IP address mapping or any other specific DNS record. It is also used to troubleshoot DNS-related problems.

A terminal window titled 'bramha@ubuntu: ~/Desktop' with standard Ubuntu window controls. The command 'nslookup volp.in' has been executed. The output shows the DNS server used (127.0.0.53) and a non-authoritative answer for 'volp.in' with four IP addresses: 108.159.46.10, 108.159.46.69, 108.159.46.18, and 108.159.46.39.

```
bramha@ubuntu: ~/Desktop$ nslookup volp.in
Server:      127.0.0.53
Address:     127.0.0.53#53

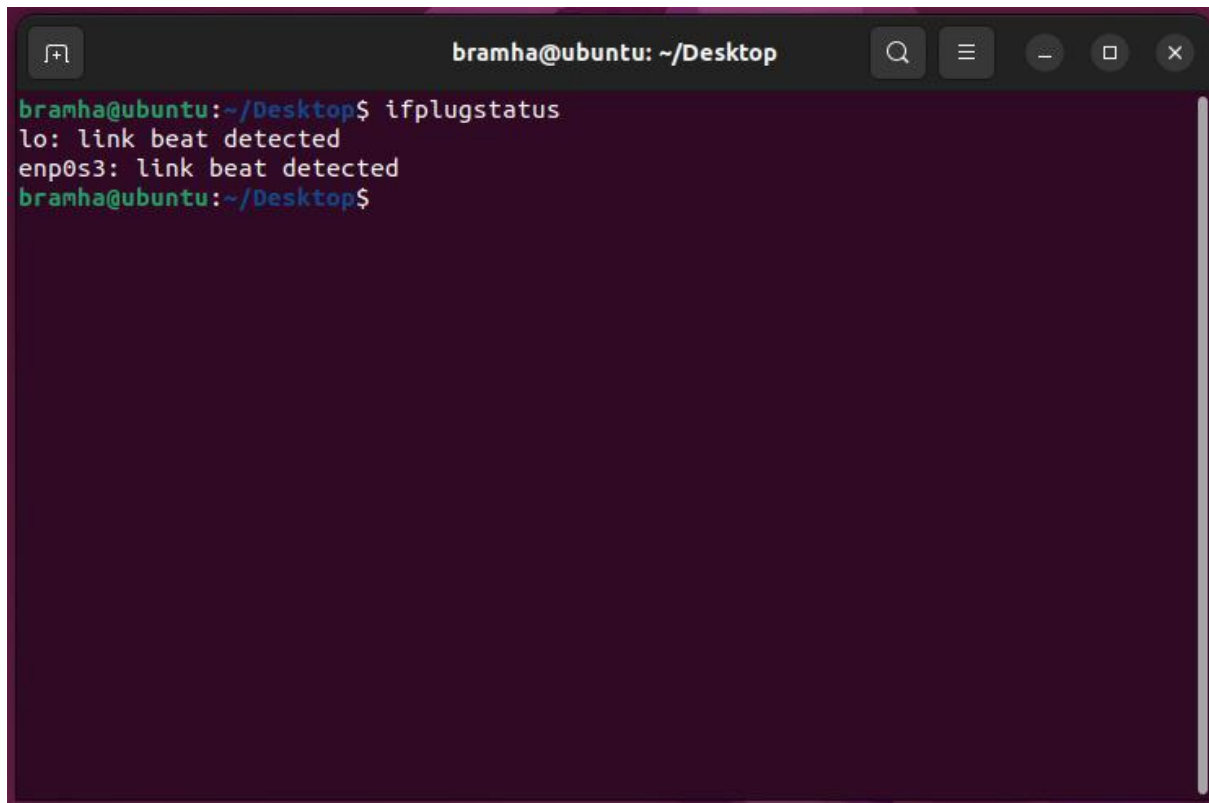
Non-authoritative answer:
Name:   volp.in
Address: 108.159.46.10
Name:   volp.in
Address: 108.159.46.69
Name:   volp.in
Address: 108.159.46.18
Name:   volp.in
Address: 108.159.46.39

bramha@ubuntu: ~/Desktop$
```

Whois - [Whois](#) is a command-line utility used in [Linux](#) systems to retrieve information about domain names, IP addresses, and network devices. The data received by Whois consists of the name and contact information of the domain or [IP](#) address owner, the registration and expiration date, the domain registrar, and the server information.

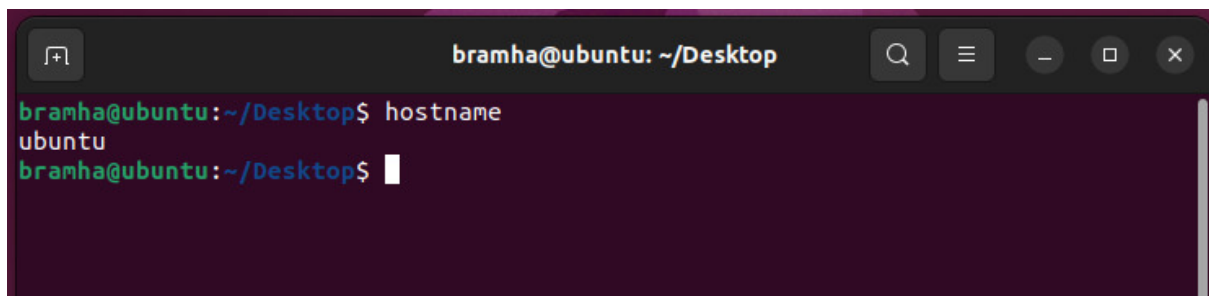

```
bramha@ubuntu: ~/Desktop$ whois volp.in
Domain Name: volp.in
Registry Domain ID: D41440000005891663-IN
Registrar WHOIS Server:
Registrar URL: https://www.gandi.net/
Updated Date: 2023-05-07T11:25:16Z
Creation Date: 2018-04-10T03:51:20Z
Registry Expiry Date: 2025-04-10T03:51:20Z
Registrar: Gandi SAS
Registrar IANA ID: 81
Registrar Abuse Contact Email:
Registrar Abuse Contact Phone:
Domain Status: clientTransferProhibited http://www.icann.org/epp#clientTransferProhibited
Registry Registrant ID: REDACTED FOR PRIVACY
Registrant Name: REDACTED FOR PRIVACY
Registrant Organization: Vishwakarma Global Education services
Registrant Street: REDACTED FOR PRIVACY
Registrant Street: REDACTED FOR PRIVACY
Registrant Street: REDACTED FOR PRIVACY
Registrant City: REDACTED FOR PRIVACY
Registrant State/Province: MH
Registrant Postal Code: REDACTED FOR PRIVACY
Registrant Country: IN
Registrant Phone: REDACTED FOR PRIVACY
Registrant Phone Ext: REDACTED FOR PRIVACY
Registrant Fax: REDACTED FOR PRIVACY
Registrant Fax Ext: REDACTED FOR PRIVACY
Registrant Email: Please contact the Registrar listed above
Registry Admin ID: REDACTED FOR PRIVACY
Admin Name: REDACTED FOR PRIVACY
Admin Organization: REDACTED FOR PRIVACY
Admin Street: REDACTED FOR PRIVACY
Admin Street: REDACTED FOR PRIVACY
Admin Street: REDACTED FOR PRIVACY
Admin City: REDACTED FOR PRIVACY
Admin State/Province: REDACTED FOR PRIVACY
Admin Postal Code: REDACTED FOR PRIVACY
Admin Country: REDACTED FOR PRIVACY
Admin Phone: REDACTED FOR PRIVACY
Admin Phone Ext: REDACTED FOR PRIVACY
Admin Fax: REDACTED FOR PRIVACY
Admin Fax Ext: REDACTED FOR PRIVACY
Admin Email: Please contact the Registrar listed above
Registry Tech ID: REDACTED FOR PRIVACY
Tech Name: REDACTED FOR PRIVACY
Tech Organization: REDACTED FOR PRIVACY
Tech Street: REDACTED FOR PRIVACY
Tech Street: REDACTED FOR PRIVACY
Tech Street: REDACTED FOR PRIVACY
Tech City: REDACTED FOR PRIVACY
Tech State/Province: REDACTED FOR PRIVACY
Tech Postal Code: REDACTED FOR PRIVACY
Tech Country: REDACTED FOR PRIVACY
Tech Phone: REDACTED FOR PRIVACY
Tech Phone Ext: REDACTED FOR PRIVACY
Tech Fax: REDACTED FOR PRIVACY
Tech Fax Ext: REDACTED FOR PRIVACY
Tech Email: Please contact the Registrar listed above
```

Ifplugstatus - This command tells us whether a cable is plugged into our network interface or not. In the screenshot below, **link beat detected** means it is plugged in. In our system, lo and wlan0 are plugged in while eth0 is unplugged.

A terminal window titled 'bramha@ubuntu: ~/Desktop' with search, menu, and window control buttons. The command 'ifplugstatus' has been executed, showing output for 'lo' and 'enp0s3' interfaces.

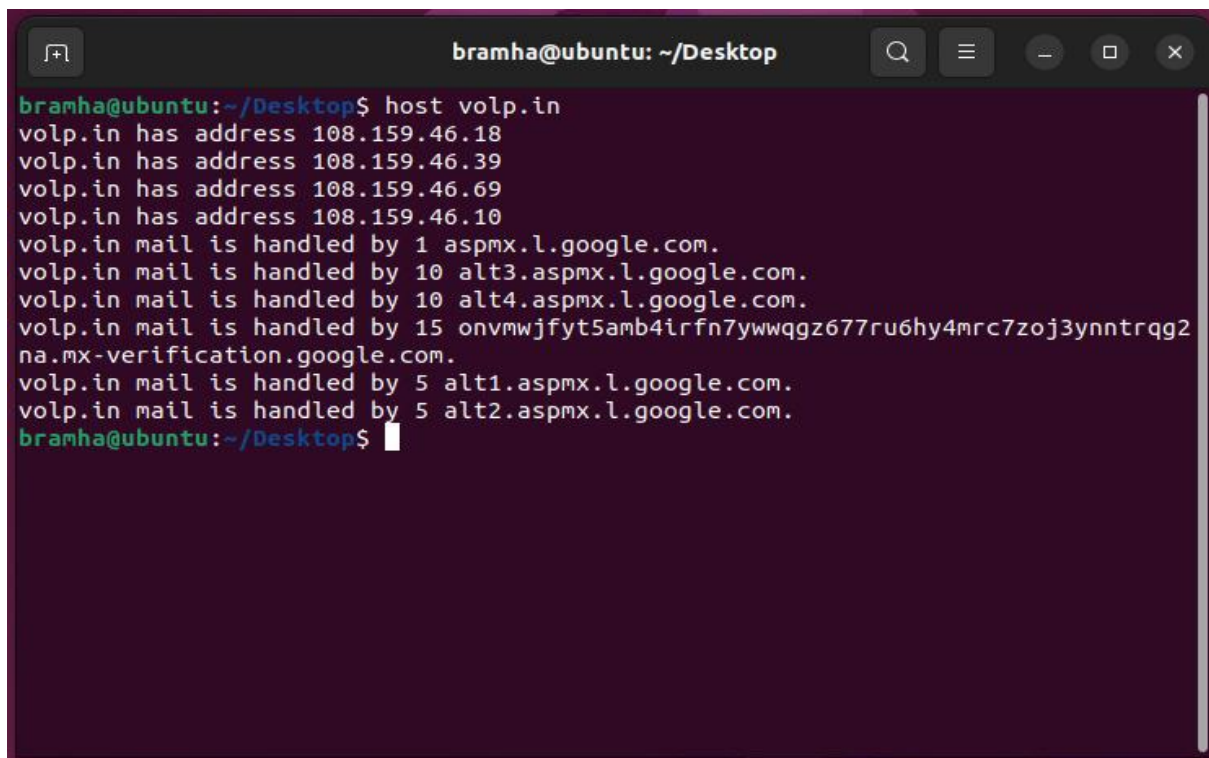
```
bramha@ubuntu:~/Desktop$ ifplugstatus
lo: link beat detected
enp0s3: link beat detected
bramha@ubuntu:~/Desktop$
```

Hostname - hostname command in Linux is used to obtain the [DNS \(Domain Name System\)](#) name and set the system's hostname or domain name. A hostname is a name given to a computer and attached to the network. Its main purpose is to uniquely identify over a network.

A terminal window titled 'bramha@ubuntu: ~/Desktop' with search, menu, and window control buttons. The command 'hostname' has been executed, returning the output 'ubuntu'.

```
bramha@ubuntu:~/Desktop$ hostname
ubuntu
bramha@ubuntu:~/Desktop$
```

Host - Linux host command displays domain name for given IP address or vice-versa. It also performs DNS lookups related to the DNS query. The host command's default behavior displays a summary of its command-line arguments and supported options.

A terminal window titled 'bramha@ubuntu: ~/Desktop' with standard window controls. The terminal shows the command 'host volp.in' and its output. The output lists four IP addresses for volp.in and six mail handling servers. The prompt 'bramha@ubuntu:~/Desktop\$' is visible at the bottom.

```
bramha@ubuntu:~/Desktop$ host volp.in
volp.in has address 108.159.46.18
volp.in has address 108.159.46.39
volp.in has address 108.159.46.69
volp.in has address 108.159.46.10
volp.in mail is handled by 1 aspmx.l.google.com.
volp.in mail is handled by 10 alt3.aspmx.l.google.com.
volp.in mail is handled by 10 alt4.aspmx.l.google.com.
volp.in mail is handled by 15 onvmwjfyt5amb4irfn7ywwqgz677ru6hy4mrc7zobj3ynntrqg2
na.mx-verification.google.com.
volp.in mail is handled by 5 alt1.aspmx.l.google.com.
volp.in mail is handled by 5 alt2.aspmx.l.google.com.
bramha@ubuntu:~/Desktop$
```