

```
$ ip addr
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default
qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: eno1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN
group default qlen 1000
    link/ether 48:9e:bd:49:a9:e8 brd ff:ff:ff:ff:ff:ff
    altname enp2s0
3: wlo1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group
default qlen 1000
    link/ether 1e:e1:b5:2f:42:d2 brd ff:ff:ff:ff:ff:ff permaddr 48:e7:da:cc:a9:a9
    altname wlp3s0
    inet 192.168.1.44/24 brd 192.168.1.255 scope global dynamic noprefixroute wlo1
        valid_lft 85810sec preferred_lft 85810sec
    inet6 fe80::d5c5:163c:549e:f397/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
4: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN
group default
    link/ether 02:42:3f:e0:32:49 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
        valid_lft forever preferred_lft forever
```

```
$ traceroute example.com
```

```
traceroute to example.com (23.192.228.84), 30 hops max, 60 byte packets
```

```
 1  router (192.168.1.1)  12.194 ms  12.104 ms  12.075 ms
 2  * * *
 3  * * *
 4  14.142.20.213.static-vsnl.net.in (14.142.20.213)  13.245 ms 125.21.255.189
(125.21.255.189)  24.717 ms  14.142.20.213.static-ernakulam.tcl.net.in
(14.142.20.213)  13.782 ms
 5  172.28.175.85 (172.28.175.85)  28.512 ms  28.472 ms *
    6  182.79.142.216 (182.79.142.216)  25.651 ms
ix-ae-4-2.tcore2.cxr-chennai.as6453.net (180.87.37.1)  102.309 ms 16.631 ms
 7  if-bundle-22-2.qcore2.cxr-chennai.as6453.net (180.87.37.114)  307.316 ms * *
 8  if-bundle-34-2.qcore2.mlv-mumbai.as6453.net (209.58.105.228)  294.769 ms *
lax-b22-link.ip.twelve99.net (62.115.162.62)  291.019 ms
 9  if-bundle-29-2.qcore1.ldn-london.as6453.net (209.58.105.3)  290.927 ms
290.641 ms *
10  195.219.213.129 (195.219.213.129)  407.972 ms 195.219.213.139
(195.219.213.139)  407.901 ms sjo-b23-link.ip.twelve99.net (62.115.116.40)
221.430 ms
11  if-bundle-14-2.qcore1.ntonewyork.as6453.net (195.219.51.157)  407.858 ms
akamai-ic-345781.ip.twelve99-cust.net (213.248.92.151)  407.838 ms 407.818 ms
12  * * *
13  63.243.218.17 (63.243.218.17)  303.916 ms
a23-192-228-84.deploy.static.akamaitechnologies.com (23.192.228.84)  303.895 ms
303.876 ms
```

```
$ ping -c 5 1.1.1.1
```

```
PING 1.1.1.1 (1.1.1.1) 56(84) bytes of data.
```

```
64 bytes from 1.1.1.1: icmp_seq=1 ttl=58 time=104 ms
```

```
64 bytes from 1.1.1.1: icmp_seq=2 ttl=58 time=123 ms
```

```
64 bytes from 1.1.1.1: icmp_seq=3 ttl=58 time=145 ms
64 bytes from 1.1.1.1: icmp_seq=4 ttl=58 time=65.8 ms
64 bytes from 1.1.1.1: icmp_seq=5 ttl=58 time=88.0 ms
```

```
--- 1.1.1.1 ping statistics ---
```

```
5 packets transmitted, 5 received, 0% packet loss, time 4003ms
```

```
rtt min/avg/max/mdev = 65.827/105.051/144.627/27.238 ms
```

```
$ netstat -at
```

```
Active Internet connections (servers and established)
```

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	_localdnstub:domain	0.0.0.0:*	LISTEN
tcp	0	0	localhost:ipp	0.0.0.0:*	LISTEN
tcp	0	0	localhost:8384	0.0.0.0:*	LISTEN
tcp	0	0	0.0.0.0:lldmnr	0.0.0.0:*	LISTEN
tcp	0	0	_localdnspoxy:domain	0.0.0.0:*	LISTEN
tcp	0	0	localhost:postgres	0.0.0.0:*	LISTEN
tcp	0	0	fedora:45888	sh-in-fl188.1e100.:https	ESTABLISHED
tcp	0	0	fedora:44296	172.67.73.169:https	ESTABLISHED
tcp	0	0	fedora:54994	cdn-185-199-109-1:https	ESTABLISHED
tcp	0	0	fedora:53536	104.26.11.80:https	ESTABLISHED
tcp	0	0	fedora:45554	whatsapp-cdn-shv-:https	ESTABLISHED
tcp	0	0	fedora:53534	104.26.11.80:https	ESTABLISHED
tcp	0	0	fedora:57636	104.26.11.80:https	ESTABLISHED
tcp	0	0	fedora:60906	93.243.107.34.bc.:https	ESTABLISHED
tcp	0	0	fedora:46858	104.18.26.48:https	ESTABLISHED
tcp	0	0	fedora:33500	cdn-185-199-111-1:https	ESTABLISHED
tcp	0	0	fedora:58826	152.70.65.247:22067	ESTABLISHED
tcp	0	0	fedora:46882	104.18.26.48:https	ESTABLISHED
tcp6	0	0	[::]:xmsg	[::]:*	LISTEN
tcp6	0	0	localhost:postgres	[::]:*	LISTEN
tcp6	0	0	[::]:lldmnr	[::]:*	LISTEN
tcp6	0	0	[::]:snapenetio	[::]:*	LISTEN
tcp6	0	0	localhost:ipp	[::]:*	LISTEN

```
$ hostname
```

```
fedora
```

```
$ ifconfig
```

```
docker0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 172.17.0.1 netmask 255.255.0.0 broadcast 172.17.255.255
    ether 02:42:3f:e0:32:49 txqueuelen 0 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 43 overruns 0 carrier 0 collisions 0
```

```
enol: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 48:9e:bd:49:a9:e8 txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 2 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 2521 bytes 1237524 (1.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 2521 bytes 1237524 (1.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlo1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.1.44 netmask 255.255.255.0 broadcast 192.168.1.255
    inet6 fe80::d5c5:163c:549e:f397 prefixlen 64 scopeid 0x20<link>
    ether 1e:e1:b5:2f:42:d2 txqueuelen 1000 (Ethernet)
    RX packets 1141888 bytes 1599387357 (1.4 GiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 141774 bytes 40128966 (38.2 MiB)
    TX errors 0 dropped 12 overruns 0 carrier 0 collisions 0

```

\$ arp

Address	HWtype	HWaddress	Flags	Mask	Iface
router	ether	20:0c:86:54:79:50	C		wlo1

\$ whois example.com

```

Domain Name: EXAMPLE.COM
Registry Domain ID: 2336799_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.iana.org
Registrar URL: http://res-dom.iana.org
Updated Date: 2024-08-14T07:01:34Z
Creation Date: 1995-08-14T04:00:00Z
Registry Expiry Date: 2025-08-13T04:00:00Z
Registrar: RESERVED-Internet Assigned Numbers Authority
Registrar IANA ID: 376
Registrar Abuse Contact Email:
Registrar Abuse Contact Phone:

Domain Status: clientDeleteProhibited
https://icann.org/epp#clientDeleteProhibited
Domain Status: clientTransferProhibited
https://icann.org/epp#clientTransferProhibited
Domain Status: clientUpdateProhibited
https://icann.org/epp#clientUpdateProhibited
Name Server: A.IANA-SERVERS.NET
Name Server: B.IANA-SERVERS.NET
DNSSEC: signedDelegation
DNSSEC DS Data: 370 13 2
BE74359954660069D5C63D200C39F5603827D7DD02B56F120EE9F3A86764247C
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2025-02-20T02:20:46Z <<<

```

For more information on Whois status codes, please visit <https://icann.org/epp>

NOTICE: The expiration date displayed in this record is the date the registrar's sponsorship of the domain name registration in the registry is

currently set to expire. This date does not necessarily reflect the expiration date of the domain name registrant's agreement with the sponsoring registrar. Users may consult the sponsoring registrar's Whois database to view the registrar's reported date of expiration for this registration.

TERMS OF USE: You are not authorized to access or query our Whois database through the use of electronic processes that are high-volume and automated except as reasonably necessary to register domain names or modify existing registrations; the Data in VeriSign Global Registry Services' ("VeriSign") Whois database is provided by VeriSign for information purposes only, and to assist persons in obtaining information about or related to a domain name registration record. VeriSign does not guarantee its accuracy. By submitting a Whois query, you agree to abide by the following terms of use: You agree that you may use this Data only for lawful purposes and that under no circumstances will you use this Data to: (1) allow, enable, or otherwise support the transmission of mass unsolicited, commercial advertising or solicitations via e-mail, telephone, or facsimile; or (2) enable high volume, automated, electronic processes that apply to VeriSign (or its computer systems). The compilation, repackaging, dissemination or other use of this Data is expressly prohibited without the prior written consent of VeriSign. You agree not to use electronic processes that are automated and high-volume to access or query the Whois database except as reasonably necessary to register domain names or modify existing registrations. VeriSign reserves the right to restrict your access to the Whois database in its sole discretion to ensure operational stability. VeriSign may restrict or terminate your access to the Whois database for failure to abide by these terms of use. VeriSign reserves the right to modify these terms at any time.

The Registry database contains ONLY .COM, .NET, .EDU domains and Registrars.

% IANA WHOIS server

% for more information on IANA, visit <http://www.iana.org>

% This query returned 1 object

domain: EXAMPLE.COM

organisation: Internet Assigned Numbers Authority

created: 1992-01-01

source: IANA

\$ nslookup example.com

Server: 127.0.0.53

Address: 127.0.0.53#53

Non-authoritative answer:

Name: example.com

Address: 23.215.0.136

Name: example.com

Address: 96.7.128.198

Name: example.com  
Address: 23.192.228.84  
Name: example.com  
Address: 23.192.228.80  
Name: example.com  
Address: 23.215.0.138  
Name: example.com  
Address: 96.7.128.175  
Name: example.com  
Address: 2600:1406:3a00:21::173e:2e65  
Name: example.com  
Address: 2600:1406:bc00:53::b81e:94c8  
Name: example.com  
Address: 2600:1408:ec00:36::1736:7f24  
Name: example.com  
Address: 2600:1406:3a00:21::173e:2e66  
Name: example.com  
Address: 2600:1406:bc00:53::b81e:94ce  
Name: example.com  
Address: 2600:1408:ec00:36::1736:7f31