

```
C:\Users\hp>ipconfig
```

## Windows IP Configuration

### Ethernet adapter Ethernet:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
```

### Wireless LAN adapter Local Area Connection\* 1:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
```

### Wireless LAN adapter Local Area Connection\* 2:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
```

### Wireless LAN adapter Wi-Fi:

```
Connection-specific DNS Suffix . :
IPv6 Address. . . . . : 2405:201:5505:6107:93c:ce4a:6508:2c2f
Temporary IPv6 Address. . . . . : 2405:201:5505:6107:a5fa:b6a3:2114:8332
Link-local IPv6 Address . . . . . : fe80::1f64:d781:4aed:ae38%10
IPv4 Address. . . . . : 192.168.29.197
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : fe80::8ea3:99ff:fe63:f57c%10
                             192.168.29.1
```

```
C:\Users\hp>ipconfig/all
```

#### Windows IP Configuration

```
Host Name . . . . . : DESKTOP-10KUSSB
Primary Dns Suffix . . . . . :
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
```

#### Ethernet adapter Ethernet:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . . : Realtek PCIe FE Family Controller
Physical Address. . . . . : 48-B8-34-04-F7-68
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
```

#### Wireless LAN adapter Local Area Connection\* 1:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
Physical Address. . . . . : 3E-A8-67-97-F7-35
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
```

#### Wireless LAN adapter Local Area Connection\* 2:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
Physical Address. . . . . : 3C-A8-67-97-F7-35
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
```

#### Wireless LAN adapter Wi-Fi:

```
Connection-specific DNS Suffix . :
Description . . . . . : Realtek RTL8723BE 802.11 bgn Wi-Fi Adapter
Physical Address. . . . . : 3C-A8-67-97-F7-35
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
IPv6 Address. . . . . : 2405:201:5505:6107:93c:ce4a:6508:2c2f(Preferred)
Temporary IPv6 Address. . . . . : 2405:201:5505:6107:a5fa:b6a3:2114:8332(Preferred)
Link-local IPv6 Address . . . . . : fe80::1464:d781:4aed:ae38%10(Preferred)
IPv4 Address. . . . . : 192.168.29.197(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : 10 November 2022 19:22:52
Lease Expires . . . . . : 10 November 2022 23:22:52
Default Gateway . . . . . : fe80::8ea3:99ff:fe63:f57c%10
                             192.168.29.1
DHCP Server . . . . . : 192.168.29.1
DHCPv6 IAID . . . . . : 171745383
DHCPv6 Client DUID. . . . . : 00-01-00-01-29-A8-A2-03-40-80-34-04-F7-68
DNS Servers . . . . . : 2405:201:5505:6107::c0a8:1001
                             192.168.29.1
NetBIOS over Tcpip. . . . . : Enabled
```

C:\Users\hp>netstat

Active Connections

Proto	Local Address	Foreign Address	State
TCP	192.168.29.197:20080	DESKTOP-10KU558:61886	ESTABLISHED
TCP	192.168.29.197:20080	DESKTOP-10KU558:64344	ESTABLISHED
TCP	192.168.29.197:20080	DESKTOP-10KU558:64346	ESTABLISHED
TCP	192.168.29.197:20080	DESKTOP-10KU558:64350	ESTABLISHED
TCP	192.168.29.197:20080	DESKTOP-10KU558:64352	ESTABLISHED
TCP	192.168.29.197:60653	20.198.119.143:https	ESTABLISHED
TCP	192.168.29.197:60819	20.198.119.143:https	ESTABLISHED
TCP	192.168.29.197:60969	117.18.237.29:http	CLOSE_WAIT
TCP	192.168.29.197:61886	sb-in-f188:5228	ESTABLISHED
TCP	192.168.29.197:61888	sb-in-f188:5228	ESTABLISHED
TCP	192.168.29.197:63407	a104-88-70-105:https	CLOSE_WAIT
TCP	192.168.29.197:63408	a104-88-70-105:https	CLOSE_WAIT
TCP	192.168.29.197:63412	117.18.237.29:http	CLOSE_WAIT
TCP	192.168.29.197:64281	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64282	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64283	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64284	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64287	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64288	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64289	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64290	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64292	del11s12-in-f4:https	TIME_WAIT
TCP	192.168.29.197:64293	del11s12-in-f4:https	TIME_WAIT
TCP	192.168.29.197:64296	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64297	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64298	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64299	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64302	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64303	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64304	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64305	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64308	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64309	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64310	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64311	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64314	3:https	TIME_WAIT
TCP	192.168.29.197:64316	3:https	TIME_WAIT
TCP	192.168.29.197:64322	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64323	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64324	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64325	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64326	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64327	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64328	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64329	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64332	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64333	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64334	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64335	del11s18-in-f14:https	TIME_WAIT
TCP	192.168.29.197:64338	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64339	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64340	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64341	49.44.224.115:https	TIME_WAIT
TCP	192.168.29.197:64344	del11s18-in-f14:https	ESTABLISHED
TCP	192.168.29.197:64345	del11s18-in-f14:https	ESTABLISHED
TCP	192.168.29.197:64346	del11s18-in-f14:https	ESTABLISHED
TCP	192.168.29.197:64347	del11s18-in-f14:https	ESTABLISHED
TCP	192.168.29.197:64350	49.44.224.115:https	ESTABLISHED
TCP	192.168.29.197:64351	49.44.224.115:https	ESTABLISHED
TCP	192.168.29.197:64352	49.44.224.115:https	ESTABLISHED
TCP	192.168.29.197:64353	49.44.224.115:https	ESTABLISHED
TCP	[2405:201:5505:6107:a5fa:56a8:2114:8332]:60977	[2403:1046:c04:1018::2]:https	ESTABLISHED
TCP	[2405:201:5505:6107:a5fa:56a8:2114:8332]:63409	[2405:200:1631:1731::312c:7828]:https	CLOSE_WAIT
TCP	[2405:201:5505:6107:a5fa:56a8:2114:8332]:63411	[2405:200:1630:39c::1011]:https	CLOSE_WAIT
TCP	[2405:201:5505:6107:a5fa:56a8:2114:8332]:63445	[2403:1046:c04:1049::2]:https	ESTABLISHED
TCP	[fe80::1f64:d781:4aed:ac38c10]:1521	DESKTOP-10KU558:50998	ESTABLISHED
TCP	[fe80::1f64:d781:4aed:ac38c10]:50998	DESKTOP-10KU558:1521	ESTABLISHED

```
C:\Users\hp>ping 142.250.192.4
```

```
Pinging 142.250.192.4 with 32 bytes of data:
```

```
Reply from 142.250.192.4: bytes=32 time=44ms TTL=53
```

```
Reply from 142.250.192.4: bytes=32 time=43ms TTL=53
```

```
Reply from 142.250.192.4: bytes=32 time=43ms TTL=53
```

```
Reply from 142.250.192.4: bytes=32 time=44ms TTL=53
```

```
Ping statistics for 142.250.192.4:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

```
Approximate round trip times in milli-seconds:
```

```
    Minimum = 43ms, Maximum = 44ms, Average = 43ms
```

```
C:\Users\hpo>route print
```

```
Interface List
```

```
15...48 b0 34 04 f7 60 .....Realtek PCIe FE Family Controller
11...3e a0 67 97 f7 35 .....Microsoft Wi-Fi Direct Virtual Adapter
 9...3c a0 67 97 f7 35 .....Microsoft Wi-Fi Direct Virtual Adapter #2
10...3c a0 67 97 f7 35 .....Realtek RTL8723BE 802.11 bgn Wi-Fi Adapter
 1.....Software Loopback Interface 1
```

```
IPv4 Route Table
```

```
Active Routes:
```

Network Destination	Netmask	Gateway	Interface	Metric
0.0.0.0	0.0.0.0	192.168.29.1	192.168.29.197	55
127.0.0.0	255.0.0.0	On-link	127.0.0.1	331
127.0.0.1	255.255.255.255	On-link	127.0.0.1	331
127.255.255.255	255.255.255.255	On-link	127.0.0.1	331
192.168.29.0	255.255.255.0	On-link	192.168.29.197	311
192.168.29.197	255.255.255.255	On-link	192.168.29.197	311
192.168.29.255	255.255.255.255	On-link	192.168.29.197	311
224.0.0.0	240.0.0.0	On-link	127.0.0.1	331
224.0.0.0	240.0.0.0	On-link	192.168.29.197	311
255.255.255.255	255.255.255.255	On-link	127.0.0.1	331
255.255.255.255	255.255.255.255	On-link	192.168.29.197	311

```
Persistent Routes:
```

```
None
```

```
IPv6 Route Table
```

```
Active Routes:
```

If	Metric	Network Destination	Gateway
10	71	:::/0	fe80::8ea3:99ff:fe63:f57c
1	331	:::1/128	On-link
10	71	2405:201:5505:6107::/64	On-link
10	311	2405:201:5505:6107:93c:ce4a:6508:2c2f/128	On-link
10	311	2405:201:5505:6107:a5fa:b6a3:2114:8332/128	On-link
10	311	fe80::/64	On-link
10	311	fe80::1f64:d781:4aed:ae38/128	On-link
1	331	ff00::/8	On-link
10	311	ff00::/8	On-link

```
Persistent Routes:
```

```
None
```

```
C:\Users\hp>tracert 142.250.192.4
```

```
Tracing route to bom12s14-in-f4.1e100.net [142.250.192.4]  
over a maximum of 30 hops:
```

1	3 ms	2 ms	1 ms	reliance.reliance [192.168.29.1]
2	5 ms	7 ms	3 ms	10.50.240.1
3	5 ms	5 ms	6 ms	172.26.63.5
4	5 ms	7 ms	4 ms	192.168.158.152
5	5 ms	3 ms	5 ms	172.17.181.84
6	5 ms	6 ms	6 ms	172.17.181.98
7	4 ms	8 ms	4 ms	192.168.98.36
8	5 ms	7 ms	4 ms	192.168.98.37
9	86 ms	16 ms	25 ms	172.26.63.6
10	22 ms	22 ms	22 ms	172.17.42.137
11	16 ms	18 ms	16 ms	172.16.160.201
12	*	59 ms	33 ms	172.16.0.62
13	48 ms	46 ms	47 ms	172.253.66.107
14	46 ms	45 ms	44 ms	142.250.234.126
15	41 ms	43 ms	44 ms	108.170.248.177
16	46 ms	43 ms	44 ms	142.250.208.223
17	42 ms	44 ms	43 ms	bom12s14-in-f4.1e100.net [142.250.192.4]

```
Trace complete.
```

```
C:\Users\hp>nslookup
Default Server:  reliance.reliance
Address:  2405:201:5505:6107::c0a8:1d01

> www.google.com
Server:  reliance.reliance
Address:  2405:201:5505:6107::c0a8:1d01

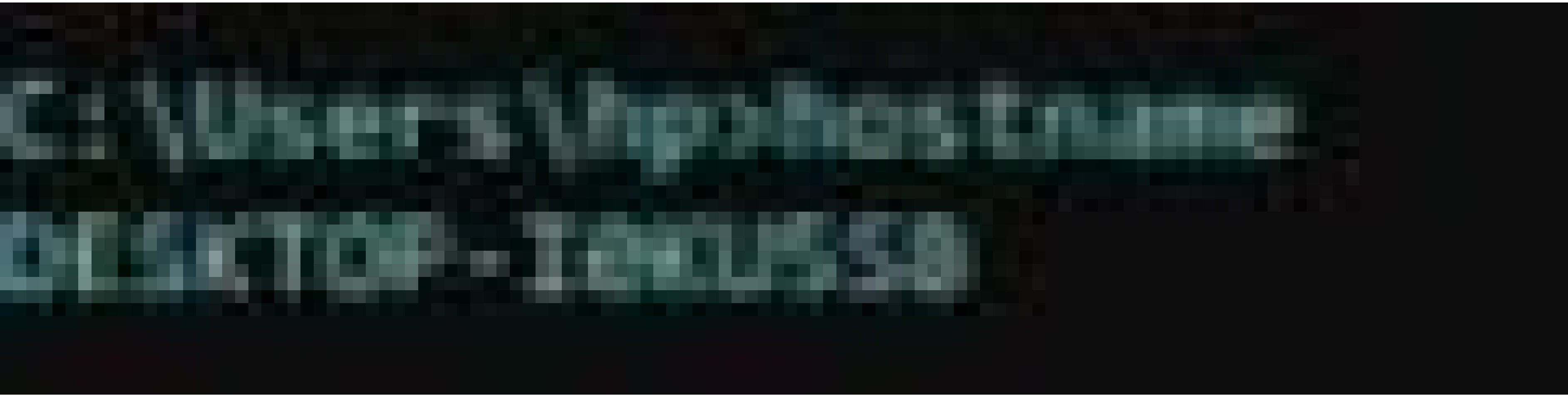
Non-authoritative answer:
DNS request timed out.
    timeout was 2 seconds.
Name:    www.google.com
Address:  142.250.192.4
```

```
C:\Users\vip>arp -a
```

```
Interface: 192.168.29.197 --- 0xa
```

Internet Address	Physical Address	Type
192.168.29.1	8c-a3-99-63-f5-7c	dynamic
192.168.29.255	ff-ff-ff-ff-ff-ff	static
224.0.0.22	01-00-5e-00-00-16	static
224.0.0.251	01-00-5e-00-00-fb	static
224.0.0.252	01-00-5e-00-00-fc	static
239.255.255.250	01-00-5e-7f-ff-fa	static
255.255.255.255	ff-ff-ff-ff-ff-ff	static





```
C:\Users\vipnamic> bios get subbiosversion
SMI BIOS Version
F.47
```