

```
C:\Documents and Settings\roman.rafacz>ping espn.com

Pinging espn.com [199.181.132.250] with 32 bytes of data:

Reply from 199.181.132.250: bytes=32 time=53ms TTL=248
Reply from 199.181.132.250: bytes=32 time=52ms TTL=248
Reply from 199.181.132.250: bytes=32 time=52ms TTL=248
Reply from 199.181.132.250: bytes=32 time=53ms TTL=248

Ping statistics for 199.181.132.250:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 52ms, Maximum = 53ms, Average = 52ms
```

```
C:\Users\CSE Staff Room>ipconfig
```

```
Windows IP Configuration
```

```
Ethernet adapter Local Area Connection 5:
```

```
Connection-specific DNS Suffix . : 
Link-local IPv6 Address . . . . . : fe80::f8a1:14b6:f38a:ece3%17
IPv4 Address. . . . . : 192.168.42.124
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.42.129
```

```
C:\Users\LxsoftWin>tracert www.google.in
```

```
Tracing route to www.google.in [2404:6800:4002:804::2003]
over a maximum of 30 hops:
```

```
  1      1 ms      <1 ms      <1 ms      2405:205:1506:8af7::2a84:b8a0
  2      *         *         *         Request timed out.
  3     472 ms    1839 ms      *         2405:200:319:168::2
  4    1085 ms     829 ms     790 ms    2405:200:801:1600::91
  5     391 ms    1084 ms    1572 ms    2405:200:801:300::75
  6    2239 ms    1030 ms    1681 ms    2001:4860:1:1::1b6
  7      *         1022 ms    1179 ms    2001:4860:0:11de::1
  8    1009 ms    1253 ms    1623 ms    2001:4860:0:1::3d
  9    1170 ms     885 ms    1437 ms    del03s09-in-x03.1e100.net [2404:6800:4002:804::2003]
```

```
Trace complete.
```

```
C:\Documents and Settings\roman.rafacz>netstat
```

```
Active Connections
```

Proto	Local Address	Foreign Address	State
TCP	NRKJMW-dxp14080:1828	nycnbx44.na.corp.ipgnetwork.com:5012	ESTABLISHED
TCP	NRKJMW-dxp14080:1830	nycnbx44.na.corp.ipgnetwork.com:5012	ESTABLISHED
TCP	NRKJMW-dxp14080:1831	nycnbx44.na.corp.ipgnetwork.com:5012	ESTABLISHED
TCP	NRKJMW-dxp14080:1834	nycgdc16.na.corp.ipgnetwork.com:5001	ESTABLISHED
TCP	NRKJMW-dxp14080:1839	b-sntp.jackmorton.com:1533	ESTABLISHED
TCP	NRKJMW-dxp14080:1843	174.36.30.27-static.reverse.softlayer.com:http	ESTABLISHED
TCP	NRKJMW-dxp14080:1961	nrkfls04.na.corp.ipgnetwork.com:microsoft-ds	ESTABLISHED
TCP	NRKJMW-dxp14080:3385	nycnfp01.na.corp.ipgnetwork.com:5012	ESTABLISHED
TCP	NRKJMW-dxp14080:3394	qw-in-f17.google.com:http	ESTABLISHED
TCP	NRKJMW-dxp14080:3443	qw-in-f103.google.com:http	ESTABLISHED
TCP	NRKJMW-dxp14080:3450	8.21.194.129:http	ESTABLISHED
TCP	NRKJMW-dxp14080:3471	8.21.194.129:http	ESTABLISHED
TCP	NRKJMW-dxp14080:3472	8.21.194.129:http	ESTABLISHED
TCP	NRKJMW-dxp14080:3484	wiki.answers.com:http	ESTABLISHED
TCP	NRKJMW-dxp14080:3488	qw-in-f155.google.com:http	ESTABLISHED
TCP	NRKJMW-dxp14080:3489	qw-in-f155.google.com:http	ESTABLISHED

```
C:\Documents and Settings\Administrator>nslookup espn.com
Server: dns.chil.speakeasy.net
Address: 64.81.159.2
```

```
Non-authoritative answer:
Name:     espn.com
Address:  199.181.132.250
```

```
susel:~ # tcpdump -i eth0
```

```
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth0, link-type EN10MB (Ethernet), capture size 96 bytes
```

```
20:39:28.014065 IP 192.168.198.1.netbios-ns > 192.168.198.255.netbios-ns: NBT L
DP PACKET(137): QUERY; REQUEST; BROADCAST
```

```
20:39:28.014840 IP 192.168.198.128.56851 > 192.168.198.2.domain: 18867+ PTR? 25
5.198.168.192.in-addr.arpa. (46)
```

```
20:39:28.027418 IP 192.168.198.1.49733 > 224.0.0.252.llmnr: UDP, length 22
```

```
20:39:28.027850 IP 192.168.198.128.50611 > lhr14s24-in-f19.1e100.net.https: P 2
912329209:2912329246(37) ack 1375935787 win 18760
```

```
20:39:28.034322 IP lhr14s24-in-f19.1e100.net.https > 192.168.198.128.50611: . a
ck 37 win 64240
```

```
20:39:28.037196 IP6 fe80::2cfe:5154:6c0d:fafd.65460 > ff02::1:3.llmnr: UDP, len
gth 22
```

```
20:39:28.039057 IP 192.168.198.1.65460 > 224.0.0.252.llmnr: UDP, length 22
```

```
20:39:28.051576 IP 192.168.198.2.domain > 192.168.198.128.56851: 18867 NXDomain
0/1/0 (95)
```

```
20:39:28.051744 IP 192.168.198.128.35496 > 192.168.198.2.domain: 58919+ PTR? 1.
198.168.192.in-addr.arpa. (44)
```

```
20:39:28.077704 IP 192.168.198.2.domain > 192.168.198.128.35496: 58919 NXDomain
0/1/0 (93)
```

```
20:39:28.077903 IP 192.168.198.128.56215 > 192.168.198.2.domain: 59223+ PTR? 2.
198.168.192.in-addr.arpa. (44)
```

```
20:39:28.103262 IP 192.168.198.2.domain > 192.168.198.128.56215: 59223 NXDomain
0/1/0 (93)
```