```
Microsoft Windows [Version 10.0.26100.4770] (c) Microsoft Corporation. All rights reserved.
C:\Users\Lenovo>ipconfig /all
Windows IP Configuration
                  . . . . . . . . : LAPTOP-J2KE70G3
  Host Name .
  Wireless LAN adapter Local Area Connection* 1:
  Media State .
                            . . : Media disconnected
  Microsoft Wi-Fi Direct Virtual Adapter
                                 02-45-E2-6C-46-03
  DHCP Enabled . . . . . . . . : Yes
Autoconfiguration Enabled . . . : Yes
Wireless LAN adapter Local Area Connection* 2:
  Connection-specific DNS Suffix .:
Description . . .
  Ethernet adapter VMware Network Adapter VMnet1:
  Connection-specific DNS Suffix . :
  Description . . . . . : VMware Virtual Ethernet Adapter for VMnet1
Physical Address . . . . : 00-50-56-C0-00-01
```

```
Ethernet adapter VMware Network Adapter VMnet8:

Connection-specific DNS Suffix :
Description ... VMware Virtual Ethernet Adapter for VMnet8
Physical Address ... 00-50-56-C0-00-08
DHCP Enabled ... Yes
Autoconfiguration Enabled ... Yes
Link-local IPV6 Address ... 192.168.247.1(Preferred)
IPV4 Address ... 192.168.247.1(Preferred)
Subnet Mask ... 255.255.25.05.0
Lease Obtained ... 17 August 2025 20:19:46
Lease Expires ... 17 August 2025 20:49:45
Default Cateway ... 192.168.247.25
DHCP Server ... 192.168.247.25
DHCP Server ... 192.168.247.2
DHCP Server ... 192.168.247.2
NetBIOS over Tcpip ... Enabled

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix ... Description ... Realtek 8822CE Wireless LAN 802.11ac PCI-E NIC Physical Address ... 00-45-E2-6C-46-03
DHCP Enabled ... Yes
Autoconfiguration Enabled ... Yes
Autoconfiguration Enabled ... Yes
IPV6 Address ... 2401:4900:88e4:8e10:946a:dc69:1f38:da47(Preferred)
Temporary IPV6 Address ... 2401:4900:88e4:8e10:946a:dc69:1f38:da47(Preferred)
IIInk-local IPV6 Address ... 2401:4900:88e4:8e10:8854:4579:ddde:19ae(Preferred)
IPV4 Address ... 192.168.1.7(Preferred)
Subnet Mask ... 255.255.05.0
Lease Obtained ... 14 August 2025 20:19:48
Default Gateway ... 688:1813
DHCP Server ... 192.168.1.1
DHCP Server ... 192.168.1.1
DHCP Server ... 192.168.1.1
DHCP Client DUIL ... 00-01-2E-36-1E-9A-00-45-E2-6C-46-03
DHCP Enabled ... 1748-1840
DHCP Server ... 192.168.1.1
```

```
DNS Servers . . . . . . . . . : fe80::1%13
                                         192.168.1.1
                                         fe80::1%13
  NetBIOS over Tcpip. . . . . . : Enabled
thernet adapter Bluetooth Network Connection:
                                   . . : Media disconnected
  Media State . .
  :\Users\Lenovo>ipconfig /release
lindows IP Configuration
o operation can be performed on Local Area Connection* 1 while it has its media disconnected.
o operation can be performed on Local Area Connection* 2 while it has its media disconnected.
o operation can be performed on Bluetooth Network Connection while it has its media disconnected.
lireless LAN adapter Local Area Connection* 1:
  Media State . . . . . . . . . . . : Media disconnected Connection-specific DNS Suffix . :
ireless LAN adapter Local Area Connection* 2:
                                   . . : Media disconnected
  Media State . .
  Connection-specific DNS Suffix .:
thernet adapter VMware Network Adapter VMnet1:
  Connection-specific DNS Suffix .:
Link-local IPv6 Address . . . . : fe80::1c28:8db2:ec44:e347%19
Default Gateway . . . . . . . :
```

```
No operation can be performed on Local Area Connection* 1 while it has its media disconnected.
No operation can be performed on Local Area Connection* 2 while it has its media disconnected.
No operation can be performed on Bluetooth Network Connection while it has its media disconnected.
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 .:

Ethernet adapter VMware Network Adapter VMnet1:

Connection-specific DNS Suffix .:

Link-local IPv6 Address . . : fe80::1c28:8db2:ec44:e347%19
Default Gateway . . . :

Ethernet adapter VMware Network Adapter VMnet8:

Connection-specific DNS Suffix .:

Link-local IPv6 Address . . : fe80::9921:5b2a:1887:2e85%12
Default Gateway . . . :

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix .:

IPv6 Address . . : 2401:4900:88e4:8e10:946a:dc69:1f38:da47

Temporary IPv6 Address . . : 2401:4900:88e4:8e10:946a:dc69:1f38:da47

Temporary IPv6 Address . . : 2401:4900:88e4:8e10:9854:4579:dlde:19ae
Link-local IPv6 Address . . : fe80::1%13

Ethernet adapter Bluetooth Network Connection:

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

C:\Users\Lenovo>ipconfig /renew
```

```
Ethernet adapter Bluetooth Network Connection:
     Connection-specific DNS Suffix .:
C:\Users\Lenovo>netstat -an
Active Connections
    Proto Local Address
                                                          Foreign Address
                                                                                                     State
                0.0.0.0:135
0.0.0.0:445
    ТСР
                                                          0.0.0.0:0
                                                                                                     LISTENING
               0.0.0.0:135
0.0.0.0:4445
0.0.0.0:903
0.0.0.0:913
0.0.0.0:3306
0.0.0.0:3306
0.0.0.0:49664
0.0.0.0:49665
0.0.0.49667
0.0.0.49668
0.0.0.49667
0.0.0.57621
127.0.0.1:7768
127.0.0.1:7768
127.0.0.1:49670
127.0.0.1:49671
127.0.0.1:49671
127.0.0.1:49673
192.168.1.7:64997
192.168.1.7:64997
192.168.1.7:64998
192.168.1.7:65901
192.168.1.7:65901
192.168.1.7:65903
192.168.1.7:65903
    TCP
                                                           0.0.0.0:0
                                                                                                     LISTENING
                                                          0.0.0.0:0
                                                                                                      LISTENING
                                                                                                     LISTENING
    TCP
                                                          0.0.0.0:0
0.0.0.0:0
0.0.0.0:0
0.0.0.0:0
                                                                                                    LISTENING
LISTENING
    TCP
                                                                                                    LISTENING
LISTENING
    TCP
    TCP
                                                                                                    LISTENING
    TCP
                                                          0.0.0.0:0
                                                                                                     LISTENING
    ТСР
    ТСР
                                                                                                     LISTENING
    ТСР
                                                           0.0.0.0:0
                                                                                                     LISTENING
    TCP
                                                           0.0.0.0:0
                                                                                                     LISTENING
                                                          0.0.0.0:0

0.0.0.0:0

0.0.0.0:0

127.0.0.1:49671

127.0.0.1:49673

127.0.0.1:49672

0.0.0:0

20.190.145.142:443

20.60.236.193:443

20.189.173.25:443
    TCP
                                                                                                     LISTENING
                                                                                                     LISTENING
    TCP
                                                                                                     LISTENING
    TCP
    TCP
                                                                                                     ESTABL TSHED
                                                                                                     ESTABLISHED
    TCP
    TCP
                                                                                                     ESTABLISHED
    TCP
                                                                                                      ESTABLISHED
                                                                                                      LISTENING
    TCP
    TCP
                                                                                                      TIME_WAIT
    TCP
                                                                                                      TIME_WAIT
                                                          20.189.173.25:443
20.189.173.25:443
20.189.173.25:443
52.105.246.39:443
20.189.173.6:443
                                                                                                      TIME_WAIT
    TCP
    TCP
                                                                                                     TIME_WAIT
    TCP
    TCP
                                                                                                      TIME WAIT
    TCP
TCP
                                                           52.182.143.208:443
                                                                                                     TIME_WAIT
                                                           20.43.150.84:443
    TCP
                                                           20.247.162.75:443
                                                                                                      TIME_WAIT
```

```
192.168.1.7:64997
                                                   20.189.173.25:443
                                                                                           TIME_WAIT
ТСР
            192.168.1.7:64998
                                                   20.189.173.25:443
                                                                                           TIME_WAIT
                                                   20.189.173.25:443

52.105.246.39:443

20.189.173.6:443

52.182.143.208:443

20.43.150.84:443

20.247.162.75:443

20.189.173.25:443

20.190.145.142:443
            192.168.1.7:65001
                                                                                           TIME_WAIT
                                                                                          TIME_WAIT
TIME_WAIT
TIME_WAIT
TIME_WAIT
TCP
            192.168.1.7:65013
            192.168.1.7:65030
TCP
            192.168.1.7:65034
192.168.1.7:65037
TCP
TCP
            192.168.1.7:65089
192.168.1.7:65102
                                                                                           TIME_WAIT
TIME_WAIT
TCP
ТСР
TCP
            192.168.1.7:65131
                                                   40.99.34.146:443
                                                                                           TIME_WAIT
            192.168.1.7:65132
192.168.1.7:65168
                                                   40.79.173.40:443
192.168.1.3:8009
TCP
                                                                                           TIME_WAIT
TCP
                                                                                           SYN_SENT
                                                   0.0.0.0:0
            192.168.32.1:139
                                                                                           LISTENING
TCP
            192.168.247.1:139
                                                                                           LISTENING
                                                   [::]:0
[::]:0
TCP
            [::]:135
[::]:445
                                                                                           LISTENING
TCP
                                                                                          LISTENING
TCP
            [::]:3306
                                                    [::]:0
                                                                                          LISTENING
                                                    [::]:0
                                                                                          LISTENING
TCP
                  .
]:33060
TCP
                  ]:49664
                                                    [::]:0
                                                                                           LISTENING
TCP
                  .
]:49665
                                                    0:[::]
                                                                                           LISTENING
            [::]:49666
                                                    [::]:0
                                                                                           LISTENING
TCP
            [::]:49667
                                                    [::]:0
                                                                                           LISTENING
            [::]:49668
[::]:49674
                                                                                          LISTENING
TCP
                                                     [::]:0
                                                    [::]:0
[::]:0
TCP
                                                                                          LISTENING
TCP
            [::1]:24642
[::1]:49669
                                                                                          LISTENING
ТСР
                                                    [::]:0
                                                                                           LISTENING
                                                                                                ТСР
            [2401:4900:88e4:8e10:8854:4579:d1de:19ae]:64795
TCP
             [2401:4900:88e4:8e10:8854:4579:d1de:19ae]:64859
             [2401:4900:88e4:8e10:8854:4579:d1de:19ae]:64957
            [2401:4900:88e4:8e10:8854:4579:dlde:19ae]:64957

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65003

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65004

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65015

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65037

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65067

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65078

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65079

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65079

[2401:4900:88e4:8e10:8854:4579:dlde:19ae]:65087
TCP
TCP
                                                                                                 [2600:9000:2354:e200:11:f728:3040:93a1]:443 TIME_WAIT
TCP
                                                                                                TCP
TCP
TCP
TCP
            [2401:4900:88e4:8e10:8854:4579:d1de:19ae]:65087

[2401:4900:88e4:8e10:8854:4579:d1de:19ae]:65090

[2401:4900:88e4:8e10:8854:4579:d1de:19ae]:65096

[2401:4900:88e4:8e10:8854:4579:d1de:19ae]:65097
TCP
                                                                                                 [2404:6800:4007:830::2002]:443 TIME_WAIT
[2600:1901:1:7c5::]:443 TIME_WAIT
[2620:1ec:33::11]:443 TIME_WAIT
TCP
TCP
```

```
C:\Users\Lenovo>tracert www.google.com
Tracing route to www.google.com [2404:6800:4007:82f::2004] over a maximum of 30 hops:
                       3 ms
                                    3 ms 2401:4900:88e4:8e10::1
  1
2
3
4
5
6
7
8
                                            Request timed out.
           *
                                            Request timed out
         12 ms
17 ms
                       6 ms
                                   5 ms
                                            2404:a800:3a00:1::9e5
2404:a800::92
2404:6800:8202:140::1
                                 184 ms
                        9 ms
                        8 ms
          14 ms
                                  18 ms
          6 ms
                       8 ms
                                    5 ms
                                            2404:6800:8202:140::1
         10 ms
                      11 ms
17 ms
                                    9 ms
                                            2001:4860:0:1::5656
   9
                                            2001:4860:0:1::564f
                                    6 ms
                                   21 ms
 10
          14 ms
                        6 ms
                                            pnmaaa-be-in-x04.1e100.net [2404:6800:4007:82f::2004]
Trace complete.
C:\Users\Lenovo>ping www.google.com
Pinging www.google.com [2404:6800:4007:82e::2004] with 32 bytes of data:
Reply from 2404:6800:4007:82e::2004: time=13ms
Reply from 2404:6800:4007:82e::2004: time=16ms
Reply from 2404:6800:4007:82e::2004: time=15ms
Reply from 2404:6800:4007:82e::2004: time=15ms
Ping statistics for 2404:6800:4007:82e::2004:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 13ms, Maximum = 16ms, Average = 14ms
C:\Users\Lenovo>
```