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HA02  
9/30/2023

Here is the screenshot of my primary network adapter, which DHCP is enabled for.

```
Connection-specific DNS Suffix . :  
Description . . . . . : Realtek Gaming 2.5GbE Family Controller  
Physical Address. . . . . : 08-BF-B8-29-8F-72  
DHCP Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . . : Yes  
Link-local IPv6 Address . . . . . : fe80::958a:3207:58b5:c12c%14(Preferred)  
IPv4 Address. . . . . : 192.168.88.129(Preferred)  
Subnet Mask . . . . . : 255.255.255.0  
Lease Obtained. . . . . : Saturday, September 23, 2023 10:07:25 PM  
Lease Expires . . . . . : Wednesday, September 27, 2023 12:32:42 PM  
Default Gateway . . . . . : 192.168.88.1  
DHCP Server . . . . . : 192.168.88.1  
DHCPv6 IAID . . . . . : 101236664  
DHCPv6 Client DUID. . . . . : 00-01-00-01-2C-2E-56-DC-08-BF-B8-29-8F-72  
DNS Servers . . . . . : 192.168.88.1  
NetBIOS over Tcpip. . . . . : Enabled
```

Here is another adapter not primarily used, but DHCP is still set.

```
Wireless LAN adapter Local Area Connection* 1:  
  
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :  
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter  
Physical Address. . . . . : 70-D8-23-B4-9C-7D  
DHCP Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . . : Yes
```

There are other adapters, but apart from a different physical address they are basically the same setup.

After disabling DHCP, notice the DHCP enabled section that says “no”

Ethernet adapter Ethernet:

```
Connection-specific DNS Suffix . :  
Description . . . . . : Realtek Gaming 2.5GbE Family Controller  
Physical Address. . . . . : 08-BF-B8-29-8F-72  
DHCP Enabled. . . . . : No  
Autoconfiguration Enabled . . . . : Yes  
Link-local IPv6 Address . . . . . : fe80::958a:3207:58b5:c12c%14(Preferred)  
IPv4 Address. . . . . : 192.168.88.129(Preferred)  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 192.168.88.1  
DHCPv6 IAID . . . . . : 101236664  
DHCPv6 Client DUID. . . . . : 00-01-00-01-2C-2E-56-DC-08-BF-B8-29-8F-72  
DNS Servers . . . . . : 192.168.88.1  
                        8.8.8.8  
NetBIOS over Tcpip. . . . . : Enabled
```

And the results of pinging 8.8.8.8

```
Pinging 8.8.8.8 with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=10ms TTL=119
Reply from 8.8.8.8: bytes=32 time=10ms TTL=119
Reply from 8.8.8.8: bytes=32 time=10ms TTL=119
Reply from 8.8.8.8: bytes=32 time=10ms TTL=119

Ping statistics for 8.8.8.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 10ms, Average = 10ms
```

And traceroute 8.8.8.8

```
Tracing route to dns.google [8.8.8.8]
over a maximum of 30 hops:

  0  <1 ms    <1 ms    <1 ms    router [192.168.88.1]
  1  <1 ms    <1 ms    <1 ms    emerald.concentrator.fsr.net [204.52.247.16]
  2   1 ms     1 ms     1 ms     six-s.border.fsr.net [204.52.247.40]
  3  11 ms    10 ms    9 ms     pr01-et-0-3-0-0.sea09.net.google.com [206.81.80.17]
  4  11 ms    11 ms    11 ms    74.125.243.177
  5  10 ms    10 ms    10 ms    142.251.48.211
  6  10 ms    10 ms    10 ms    dns.google [8.8.8.8]
```

Also a tracert for after DHCP was set back on, just as I was curious to compare. It seems to be the same

```
Tracing route to dns.google [8.8.8.8]
over a maximum of 30 hops:

  0  <1 ms    <1 ms    <1 ms    router [192.168.88.1]
  1  <1 ms    <1 ms    <1 ms    emerald.concentrator.fsr.net [204.52.247.16]
  2   1 ms     1 ms     1 ms     six-s.border.fsr.net [204.52.247.40]
  3   9 ms     9 ms     9 ms     pr01-et-0-3-0-0.sea09.net.google.com [206.81.80.17]
  4  11 ms    11 ms    11 ms    74.125.243.177
  5  10 ms    10 ms    10 ms    142.251.48.211
  6  10 ms    10 ms    10 ms    dns.google [8.8.8.8]
```