

# Govind Kumar Yadav

## WRC078BEI015

Microsoft Windows [Version 10.0.22631.3958]

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C:\Users\govin>ipconfig /release

Windows IP Configuration

No operation can be performed on Ethernet while it has its media disconnected.

No operation can be performed on Local Area Connection while it has its media disconnected.

No operation can be performed on Local Area Connection\* 8 while it has its media disconnected.

Ethernet adapter Ethernet:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Ethernet adapter Ethernet 2:

Connection-specific DNS Suffix . :

Link-local IPv6 Address . . . . . : fe80::cb15:d5b5:378:47c%8

IPv4 Address. . . . . : 192.168.56.1

Subnet Mask . . . . . : 255.255.255.0

Default Gateway . . . . . :

Unknown adapter Local Area Connection:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection\* 8:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection\* 10:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . :

Link-local IPv6 Address . . . . : fe80::851b:92e5:89ac:5dae%14

Default Gateway . . . . . :

C:\Users\govin>ipconfig /renew

Windows IP Configuration

No operation can be performed on Ethernet while it has its media disconnected.

No operation can be performed on Local Area Connection while it has its media disconnected.

No operation can be performed on Local Area Connection\* 8 while it has its media disconnected.

No operation can be performed on Local Area Connection\* 10 while it has its media disconnected.

An error occurred while renewing interface Wi-Fi : The operation was canceled by the user.

```
C:\Users\govin>ipconfig /release
```

## Windows IP Configuration

No operation can be performed on Ethernet while it has its media disconnected.

No operation can be performed on Local Area Connection while it has its media disconnected.

No operation can be performed on Local Area Connection\* 8 while it has its media disconnected.

### Ethernet adapter Ethernet:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

### Ethernet adapter Ethernet 2:

Connection-specific DNS Suffix . :

Link-local IPv6 Address . . . . . : fe80::cb15:d5b5:378:47c%8

IPv4 Address. . . . . : 192.168.56.1

Subnet Mask . . . . . : 255.255.255.0

Default Gateway . . . . . :

### Unknown adapter Local Area Connection:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

### Wireless LAN adapter Local Area Connection\* 8:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection\* 10:

Media State . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . :

Link-local IPv6 Address . . . . . : fe80::851b:92e5:89ac:5dae%14

Default Gateway . . . . . :

C:\Users\govin>

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An example:

**DHCP Discover:**

- Message type: DHCP Discover (1)
- Transaction ID: 0x12345678
- Client MAC address: 00:11:22:33:44:55

**DHCP Offer:**

- Message type: DHCP Offer (2)
- Transaction ID: 0x12345678
- Offered IP address: 192.168.1.10
- Lease time: 86400 seconds (1 day)
- Server IP address: 192.168.1.1

**DHCP Request:**

- Message type: DHCP Request (3)

- Transaction ID: 0x12345678
- Requested IP address: 192.168.1.10

**DHCP Ack:**

- Message type: DHCP Ack (5)
- Transaction ID: 0x12345678
- Assigned IP address: 192.168.1.10
- Lease time: 86400 seconds (1 day)