```
No.      Time           Source                Destination           Protocol Length Info
    731 11.471431       0.0.0.0               255.255.255.255       DHCP     342    DHCP Discover - Transaction ID 0x452d14b1
Frame 731: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface \Device\NPF_{CC14D496-1375-466F-
B0C7-9481F9B75BC7}, id 0
    Section number: 1
    Interface id: 0 (\Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7})
        Interface name: \Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7}
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec  6, 2023 21:57:49.428560000 India Standard Time
    UTC Arrival Time: Dec  6, 2023 16:27:49.428560000 UTC
    Epoch Arrival Time: 1701880069.428560000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.021311000 seconds]
    [Time delta from previous displayed frame: 1.425678000 seconds]
    [Time since reference or first frame: 11.471431000 seconds]
    Frame Number: 731
    Frame Length: 342 bytes (2736 bits)
    Capture Length: 342 bytes (2736 bits)
    [Frame is marked: True]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dhcp]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: c6:05:84:2a:81:da (c6:05:84:2a:81:da), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (multicast/broadcast)
    Source: c6:05:84:2a:81:da (c6:05:84:2a:81:da)
        Address: c6:05:84:2a:81:da (c6:05:84:2a:81:da)
        .... ..1. .... .... .... .... = LG bit: Locally administered address (this is NOT the factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address (unicast)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 0.0.0.0, Dst: 255.255.255.255
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        0000 00.. = Differentiated Services Codepoint: Default (0)
        .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    Total Length: 328
    Identification: 0xdbd3 (56275)
    000. .... = Flags: 0x0
        0... .... = Reserved bit: Not set
        .0.. .... = Don't fragment: Not set
        ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 255
    Protocol: UDP (17)
    Header Checksum: 0xded1 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 0.0.0.0
    Destination Address: 255.255.255.255
User Datagram Protocol, Src Port: 68, Dst Port: 67
    Source Port: 68
    Destination Port: 67
    Length: 308
    Checksum: 0x72d9 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 19]
    [Timestamps]
        [Time since first frame: 11.255203000 seconds]
        [Time since previous frame: 1.425678000 seconds]
    UDP payload (300 bytes)
Dynamic Host Configuration Protocol (Discover)
    Message type: Boot Request (1)
    Hardware type: Ethernet (0x01)
    Hardware address length: 6
    Hops: 0
    Transaction ID: 0x452d14b1
    Seconds elapsed: 17
    Bootp flags: 0x0000 (Unicast)
        0... .... .... .... = Broadcast flag: Unicast
        .000 0000 0000 0000 = Reserved flags: 0x0000
    Client IP address: 0.0.0.0
    Your (client) IP address: 0.0.0.0
    Next server IP address: 0.0.0.0
    Relay agent IP address: 0.0.0.0
    Client MAC address: c6:05:84:2a:81:da (c6:05:84:2a:81:da)
    Client hardware address padding: 00000000000000000000
```

Server host name not given
        Boot file name not given
        Magic cookie: DHCP
        Option: (53) DHCP Message Type (Discover)
            Length: 1
            DHCP: Discover (1)
        Option: (55) Parameter Request List
            Length: 9
            Parameter Request List Item: (1) Subnet Mask
            Parameter Request List Item: (121) Classless Static Route
            Parameter Request List Item: (3) Router
            Parameter Request List Item: (6) Domain Name Server
            Parameter Request List Item: (15) Domain Name
            Parameter Request List Item: (108) IPv6-Only Preferred
            Parameter Request List Item: (114) DHCP Captive-Portal
            Parameter Request List Item: (119) Domain Search
            Parameter Request List Item: (252) Private/Proxy autodiscovery
        Option: (57) Maximum DHCP Message Size
            Length: 2
            Maximum DHCP Message Size: 1500
        Option: (61) Client identifier
            Length: 7
            Hardware type: Ethernet (0x01)
            Client MAC address: c6:05:84:2a:81:da (c6:05:84:2a:81:da)
        Option: (51) IP Address Lease Time
            Length: 4
            IP Address Lease Time: 90 days (7776000)
        Option: (255) End
            Option End: 255
        Padding: 00000000000000000000000000000000000000000000000000
0000   ff ff ff ff ff ff c6 05 84 2a 81 da 08 00 45 00   .........*....E.
0010   01 48 db d3 00 00 ff 11 de d1 00 00 00 00 ff ff   .H..............
0020   ff ff 00 44 00 43 01 34 72 d9 01 01 06 00 45 2d   ...D.C.4r.....E-
0030   14 b1 00 11 00 00 00 00 00 00 00 00 00 00 00 00   ....
0040   00 00 00 00 00 00 c6 05 84 2a 81 da 00 00 00 00   ....*......
0050   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0060   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0070   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0080   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0090   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00a0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00b0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00c0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00d0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00e0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00f0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0100   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0110   00 00 00 00 00 00 63 82 53 63 35 01 01 37 09 01   ......c.Sc5..7..
0120   79 03 06 0f 6c 72 77 fc 39 02 05 dc 3d 07 01 c6   y...lrw.9...=...
0130   05 84 2a 81 da 33 04 00 76 a7 00 ff 00 00 00 00   ..*..3..v.......
0140   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0150   00 00 00 00 00 00   ......
No.   Time   Source   Destination   Protocol Length Info
  46805 612.678596   0.0.0.0   255.255.255.255   DHCP   342   DHCP Discover - Transaction ID 0x9b2617c7
Frame 46805: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface \Device\NPF_{CC14D496-1375-466F-
B0C7-9481F9B75BC7}, id 0
    Section number: 1
    Interface id: 0 (\Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7})
        Interface name: \Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7}
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 6, 2023 22:07:50.635725000 India Standard Time
    UTC Arrival Time: Dec 6, 2023 16:37:50.635725000 UTC
    Epoch Arrival Time: 1701880670.635725000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.005687000 seconds]
    [Time delta from previous displayed frame: 1.106890000 seconds]
    [Time since reference or first frame: 612.678596000 seconds]
    Frame Number: 46805
    Frame Length: 342 bytes (2736 bits)
    Capture Length: 342 bytes (2736 bits)
    [Frame is marked: True]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dhcp]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... = LG bit: Locally administered address (this is NOT the factory default)

```
              .... ...1 .... .... .... .... = IG bit: Group address (multicast/broadcast)
        Source: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
            Address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
              .... ..0. .... .... .... .... = LG bit: Globally unique address (factory default)
              .... ...0 .... .... .... .... = IG bit: Individual address (unicast)
        Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 0.0.0.0, Dst: 255.255.255.255
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
            0000 00.. = Differentiated Services Codepoint: Default (0)
            .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
        Total Length: 328
        Identification: 0xb318 (45848)
        000. .... = Flags: 0x0
            0... .... = Reserved bit: Not set
            .0.. .... = Don't fragment: Not set
            ..0. .... = More fragments: Not set
        ...0 0000 0000 0000 = Fragment Offset: 0
        Time to Live: 128
        Protocol: UDP (17)
        Header Checksum: 0x868d [validation disabled]
        [Header checksum status: Unverified]
        Source Address: 0.0.0.0
        Destination Address: 255.255.255.255
User Datagram Protocol, Src Port: 68, Dst Port: 67
        Source Port: 68
        Destination Port: 67
        Length: 308
        Checksum: 0xfac6 [unverified]
        [Checksum Status: Unverified]
        [Stream index: 19]
        [Timestamps]
            [Time since first frame: 612.462368000 seconds]
            [Time since previous frame: 1.106890000 seconds]
        UDP payload (300 bytes)
Dynamic Host Configuration Protocol (Discover)
        Message type: Boot Request (1)
        Hardware type: Ethernet (0x01)
        Hardware address length: 6
        Hops: 0
        Transaction ID: 0x9b2617c7
        Seconds elapsed: 0
        Bootp flags: 0x0000 (Unicast)
            0... .... .... .... = Broadcast flag: Unicast
            .000 0000 0000 0000 = Reserved flags: 0x0000
        Client IP address: 0.0.0.0
        Your (client) IP address: 0.0.0.0
        Next server IP address: 0.0.0.0
        Relay agent IP address: 0.0.0.0
        Client MAC address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        Client hardware address padding: 00000000000000000000
        Server host name not given
        Boot file name not given
        Magic cookie: DHCP
        Option: (53) DHCP Message Type (Discover)
            Length: 1
            DHCP: Discover (1)
        Option: (61) Client identifier
            Length: 7
            Hardware type: Ethernet (0x01)
            Client MAC address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        Option: (12) Host Name
            Length: 15
            Host Name: DESKTOP-2NDC9LV
        Option: (60) Vendor class identifier
            Length: 8
            Vendor class identifier: MSFT 5.0
        Option: (55) Parameter Request List
            Length: 14
            Parameter Request List Item: (1) Subnet Mask
            Parameter Request List Item: (3) Router
            Parameter Request List Item: (6) Domain Name Server
            Parameter Request List Item: (15) Domain Name
            Parameter Request List Item: (31) Perform Router Discover
            Parameter Request List Item: (33) Static Route
            Parameter Request List Item: (43) Vendor-Specific Information
            Parameter Request List Item: (44) NetBIOS over TCP/IP Name Server
            Parameter Request List Item: (46) NetBIOS over TCP/IP Node Type
            Parameter Request List Item: (47) NetBIOS over TCP/IP Scope
```

Parameter Request List Item: (119) Domain Search
            Parameter Request List Item: (121) Classless Static Route
            Parameter Request List Item: (249) Private/Classless Static Route (Microsoft)
            Parameter Request List Item: (252) Private/Proxy autodiscovery
      Option: (255) End
            Option End: 255
      Padding: 00000000
0000 ff ff ff ff ff ff 10 68 38 3a a5 d0 08 00 45 00   ....h8:....E.
0010 01 48 b3 18 00 00 80 11 86 8d 00 00 00 00 ff ff   .H..............
0020 ff ff 00 44 00 43 01 34 fa c6 01 01 06 00 9b 26   ...D.C.4.......&
0030 17 c7 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0040 00 00 00 00 00 00 10 68 38 3a a5 d0 00 00 00 00   ....h8:......
0050 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0060 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0070 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0080 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0090 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00b0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00c0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00d0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00e0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
00f0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0100 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0110 00 00 00 00 00 00 63 82 53 63 35 01 01 3d 07 01   ......c.Sc5..=..
0120 10 68 38 3a a5 d0 0c 0f 44 45 53 4b 54 4f 50 2d   .h8:....DESKTOP-
0130 32 4e 44 43 39 4c 56 3c 08 4d 53 46 54 20 35 2e   2NDC9LV<.MSFT 5.
0140 30 37 0e 01 03 06 0f 1f 21 2b 2c 2e 2f 77 79 f9   07......!+,./wy.
0150 fc ff 00 00 00 00   ......
No.   Time   Source   Destination   Protocol Length Info
  46808 612.692948   192.168.57.91   192.168.57.95   DHCP   352   DHCP Offer   - Transaction ID 0x9b2617c7
Frame 46808: 352 bytes on wire (2816 bits), 352 bytes captured (2816 bits) on interface \Device\NPF_{CC14D496-1375-466F-
B0C7-9481F9B75BC7}, id 0
    Section number: 1
    Interface id: 0 (\Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7})
        Interface name: \Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7}
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 6, 2023 22:07:50.650077000 India Standard Time
    UTC Arrival Time: Dec 6, 2023 16:37:50.650077000 UTC
    Epoch Arrival Time: 1701880670.650077000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.012288000 seconds]
    [Time delta from previous displayed frame: 0.014352000 seconds]
    [Time since reference or first frame: 612.692948000 seconds]
    Frame Number: 46808
    Frame Length: 352 bytes (2816 bits)
    Capture Length: 352 bytes (2816 bits)
    [Frame is marked: True]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dhcp]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: ae:42:1f:9e:1b:c3 (ae:42:1f:9e:1b:c3), Dst: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
    Destination: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        Address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        ....0 .... = IG bit: Individual address (unicast)
    Source: ae:42:1f:9e:1b:c3 (ae:42:1f:9e:1b:c3)
        Address: ae:42:1f:9e:1b:c3 (ae:42:1f:9e:1b:c3)
        .... ..1. .... = LG bit: Locally administered address (this is NOT the factory default)
        ....0 .... = IG bit: Individual address (unicast)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.57.91, Dst: 192.168.57.95
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        0000 00.. = Differentiated Services Codepoint: Default (0)
        .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    Total Length: 338
    Identification: 0xb5ec (46572)
    010. .... = Flags: 0x2, Don't fragment
        0... .... = Reserved bit: Not set
        .1.. .... = Don't fragment: Set
        ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 64
    Protocol: UDP (17)
    Header Checksum: 0x8fa3 [validation disabled]
    [Header checksum status: Unverified]

```
      Source Address: 192.168.57.91
      Destination Address: 192.168.57.95
User Datagram Protocol, Src Port: 67, Dst Port: 68
      Source Port: 67
      Destination Port: 68
      Length: 318
      Checksum: 0x1d01 [unverified]
      [Checksum Status: Unverified]
      [Stream index: 4129]
      [Timestamps]
          [Time since first frame: 0.000000000 seconds]
          [Time since previous frame: 0.000000000 seconds]
      UDP payload (310 bytes)
Dynamic Host Configuration Protocol (Offer)
      Message type: Boot Reply (2)
      Hardware type: Ethernet (0x01)
      Hardware address length: 6
      Hops: 0
      Transaction ID: 0x9b2617c7
      Seconds elapsed: 0
      Bootp flags: 0x0000 (Unicast)
          0... .... .... .... = Broadcast flag: Unicast
          .000 0000 0000 0000 = Reserved flags: 0x0000
      Client IP address: 0.0.0.0
      Your (client) IP address: 192.168.57.95
      Next server IP address: 192.168.57.91
      Relay agent IP address: 0.0.0.0
      Client MAC address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
      Client hardware address padding: 00000000000000000000
      Server host name not given
      Boot file name not given
      Magic cookie: DHCP
      Option: (53) DHCP Message Type (Offer)
          Length: 1
          DHCP: Offer (2)
      Option: (54) DHCP Server Identifier (192.168.57.91)
          Length: 4
          DHCP Server Identifier: 192.168.57.91
      Option: (51) IP Address Lease Time
          Length: 4
          IP Address Lease Time: 59 minutes, 59 seconds (3599)
      Option: (58) Renewal Time Value
          Length: 4
          Renewal Time Value: 29 minutes, 59 seconds (1799)
      Option: (59) Rebinding Time Value
          Length: 4
          Rebinding Time Value: 52 minutes, 29 seconds (3149)
      Option: (1) Subnet Mask (255.255.255.0)
          Length: 4
          Subnet Mask: 255.255.255.0
      Option: (28) Broadcast Address (192.168.57.255)
          Length: 4
          Broadcast Address: 192.168.57.255
      Option: (3) Router
          Length: 4
          Router: 192.168.57.91
      Option: (6) Domain Name Server
          Length: 4
          Domain Name Server: 192.168.57.91
      Option: (43) Vendor-Specific Information
          Length: 15
          Value: 414e44524f49445f4d455445524544
      Option: (255) End
          Option End: 255
      Padding: 00
0000  10 68 38 3a a5 d0 ae 42 1f 9e 1b c3 08 00 45 00   .h8:...B......E.
0010  01 52 b5 ec 40 00 40 11 8f a3 c0 a8 39 5b c0 a8   .R..@.@.....9[..
0020  39 5f 00 43 00 44 01 3e 1d 01 02 01 06 00 9b 26   9_.C.D.>.......&
0030  17 c7 00 00 00 00 00 00 00 00 c0 a8 39 5f c0 a8   ............9_..
0040  39 5b 00 00 00 00 10 68 38 3a a5 d0 00 00 00 00   9[.....h8:......
0050  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0060  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0070  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0080  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0090  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00a0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00b0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00c0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00d0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00e0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
```

```
00f0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0100  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0110  00 00 00 00 00 00 63 82 53 63 35 01 02 36 04 c0   ......c.Sc5..6..
0120  a8 39 5b 33 04 00 00 0e 0f 3a 04 00 00 07 07 3b   .9[3.....:.....;
0130  04 00 00 0c 4d 01 04 ff ff ff 00 1c 04 c0 a8 39   ....M..........9
0140  ff 03 04 c0 a8 39 5b 06 04 c0 a8 39 5b 2b 0f 41   .....9[....9[+.A
0150  4e 44 52 4f 49 44 5f 4d 45 54 45 52 45 44 ff 00   NDROID_METERED..
```

No.	Time	Source	Destination	Protocol	Length	Info
46809	612.696175	0.0.0.0	255.255.255.255	DHCP	370	DHCP Request - Transaction ID 0x9b2617c7

Frame 46809: 370 bytes on wire (2960 bits), 370 bytes captured (2960 bits) on interface \Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7}, id 0
    Section number: 1
    Interface id: 0 (\Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7})
        Interface name: \Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7}
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 6, 2023 22:07:50.653304000 India Standard Time
    UTC Arrival Time: Dec 6, 2023 16:37:50.653304000 UTC
    Epoch Arrival Time: 1701880670.653304000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.003227000 seconds]
    [Time delta from previous displayed frame: 0.003227000 seconds]
    [Time since reference or first frame: 612.696175000 seconds]
    Frame Number: 46809
    Frame Length: 370 bytes (2960 bits)
    Capture Length: 370 bytes (2960 bits)
    [Frame is marked: True]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dhcp]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... = LG bit: Locally administered address (this is NOT the factory default)
        ....1 .... = IG bit: Group address (multicast/broadcast)
    Source: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        Address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        ....0 .... = IG bit: Individual address (unicast)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 0.0.0.0, Dst: 255.255.255.255
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        0000 00.. = Differentiated Services Codepoint: Default (0)
        .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    Total Length: 356
    Identification: 0xb319 (45849)
    000. .... = Flags: 0x0
        0... .... = Reserved bit: Not set
        .0.. .... = Don't fragment: Not set
        ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 128
    Protocol: UDP (17)
    Header Checksum: 0x8670 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 0.0.0.0
    Destination Address: 255.255.255.255
User Datagram Protocol, Src Port: 68, Dst Port: 67
    Source Port: 68
    Destination Port: 67
    Length: 336
    Checksum: 0x483e [unverified]
    [Checksum Status: Unverified]
    [Stream index: 19]
    [Timestamps]
        [Time since first frame: 612.479947000 seconds]
        [Time since previous frame: 0.017579000 seconds]
    UDP payload (328 bytes)
Dynamic Host Configuration Protocol (Request)
    Message type: Boot Request (1)
    Hardware type: Ethernet (0x01)
    Hardware address length: 6
    Hops: 0
    Transaction ID: 0x9b2617c7
    Seconds elapsed: 0
    Bootp flags: 0x0000 (Unicast)
        0... .... = Broadcast flag: Unicast

```
          .000 0000 0000 0000 = Reserved flags: 0x0000
    Client IP address: 0.0.0.0
    Your (client) IP address: 0.0.0.0
    Next server IP address: 0.0.0.0
    Relay agent IP address: 0.0.0.0
    Client MAC address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
    Client hardware address padding: 00000000000000000000
    Server host name not given
    Boot file name not given
    Magic cookie: DHCP
    Option: (53) DHCP Message Type (Request)
        Length: 1
        DHCP: Request (3)
    Option: (61) Client identifier
        Length: 7
        Hardware type: Ethernet (0x01)
        Client MAC address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
    Option: (50) Requested IP Address (192.168.57.95)
        Length: 4
        Requested IP Address: 192.168.57.95
    Option: (54) DHCP Server Identifier (192.168.57.91)
        Length: 4
        DHCP Server Identifier: 192.168.57.91
    Option: (12) Host Name
        Length: 15
        Host Name: DESKTOP-2NDC9LV
    Option: (81) Client Fully Qualified Domain Name
        Length: 18
        Flags: 0x00
            0000 .... = Reserved flags: 0x0
            .... 0... = Server DDNS: Some server updates
            .... .0.. = Encoding: ASCII encoding
            .... ..0. = Server overrides: No override
            .... ...0 = Server: Client
        A-RR result: 0
        PTR-RR result: 0
        Client name: DESKTOP-2NDC9LV
    Option: (60) Vendor class identifier
        Length: 8
        Vendor class identifier: MSFT 5.0
    Option: (55) Parameter Request List
        Length: 14
        Parameter Request List Item: (1) Subnet Mask
        Parameter Request List Item: (3) Router
        Parameter Request List Item: (6) Domain Name Server
        Parameter Request List Item: (15) Domain Name
        Parameter Request List Item: (31) Perform Router Discover
        Parameter Request List Item: (33) Static Route
        Parameter Request List Item: (43) Vendor-Specific Information
        Parameter Request List Item: (44) NetBIOS over TCP/IP Name Server
        Parameter Request List Item: (46) NetBIOS over TCP/IP Node Type
        Parameter Request List Item: (47) NetBIOS over TCP/IP Scope
        Parameter Request List Item: (119) Domain Search
        Parameter Request List Item: (121) Classless Static Route
        Parameter Request List Item: (249) Private/Classless Static Route (Microsoft)
        Parameter Request List Item: (252) Private/Proxy autodiscovery
    Option: (255) End
        Option End: 255
0000  ff ff ff ff ff ff 10 68 38 3a a5 d0 08 00 45 00   .......h8:....E.
0010  01 64 b3 19 00 00 80 11 86 70 00 00 00 00 ff ff   .d.......p......
0020  ff ff 00 44 00 43 01 50 48 3e 01 01 06 00 9b 26   ...D.C.PH>.....&
0030  17 c7 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0040  00 00 00 00 00 00 10 68 38 3a a5 d0 00 00 00 00   .......h8:......
0050  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0060  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0070  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0080  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0090  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00a0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00b0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00c0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00d0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00e0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
00f0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0100  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0110  00 00 00 00 00 00 63 82 53 63 35 01 03 3d 07 01   ......c.Sc5..=..
0120  10 68 38 3a a5 d0 32 04 c0 a8 39 5f 36 04 c0 a8   .h8:..2...9_6...
0130  39 5b 0c 0f 44 45 53 4b 54 4f 50 2d 32 4e 44 43   9[..DESKTOP-2NDC
0140  39 4c 56 51 12 00 00 00 44 45 53 4b 54 4f 50 2d   9LVQ....DESKTOP-
0150  32 4e 44 43 39 4c 56 3c 08 4d 53 46 54 20 35 2e   2NDC9LV<.MSFT 5.
```

```
0160  30 37 0e 01 03 06 0f 1f 21 2b 2c 2e 2f 77 79 f9   07......!+,./wy.
0170  fc ff                                             ..
```

  46811 612.708715   192.168.57.91   192.168.57.95   DHCP   352   DHCP ACK   - Transaction ID 0x9b2617c7
Frame 46811: 352 bytes on wire (2816 bits), 352 bytes captured (2816 bits) on interface \Device\NPF_{CC14D496-1375-466F-
B0C7-9481F9B75BC7}, id 0
    Section number: 1
    Interface id: 0 (\Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7})
        Interface name: \Device\NPF_{CC14D496-1375-466F-B0C7-9481F9B75BC7}
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 6, 2023 22:07:50.665844000 India Standard Time
    UTC Arrival Time: Dec 6, 2023 16:37:50.665844000 UTC
    Epoch Arrival Time: 1701880670.665844000
    [Time shift for this packet: 0.000000000 seconds]
    [Time delta from previous captured frame: 0.010417000 seconds]
    [Time delta from previous displayed frame: 0.012540000 seconds]
    [Time since reference or first frame: 612.708715000 seconds]
    Frame Number: 46811
    Frame Length: 352 bytes (2816 bits)
    Capture Length: 352 bytes (2816 bits)
    [Frame is marked: True]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dhcp]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: ae:42:1f:9e:1b:c3 (ae:42:1f:9e:1b:c3), Dst: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
    Destination: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        Address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        ....0 .... = IG bit: Individual address (unicast)
    Source: ae:42:1f:9e:1b:c3 (ae:42:1f:9e:1b:c3)
        Address: ae:42:1f:9e:1b:c3 (ae:42:1f:9e:1b:c3)
        .... ..1. .... = LG bit: Locally administered address (this is NOT the factory default)
        ....0 .... = IG bit: Individual address (unicast)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.57.91, Dst: 192.168.57.95
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        0000 00.. = Differentiated Services Codepoint: Default (0)
        .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    Total Length: 338
    Identification: 0xb5f1 (46577)
    010. .... = Flags: 0x2, Don't fragment
        0... .... = Reserved bit: Not set
        .1.. .... = Don't fragment: Set
        ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 64
    Protocol: UDP (17)
    Header Checksum: 0x8f9e [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.57.91
    Destination Address: 192.168.57.95
User Datagram Protocol, Src Port: 67, Dst Port: 68
    Source Port: 67
    Destination Port: 68
    Length: 318
    Checksum: 0x1a01 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 4129]
    [Timestamps]
        [Time since first frame: 0.015767000 seconds]
        [Time since previous frame: 0.015767000 seconds]
    UDP payload (310 bytes)
Dynamic Host Configuration Protocol (ACK)
    Message type: Boot Reply (2)
    Hardware type: Ethernet (0x01)
    Hardware address length: 6
    Hops: 0
    Transaction ID: 0x9b2617c7
    Seconds elapsed: 0
    Bootp flags: 0x0000 (Unicast)
        0... .... = Broadcast flag: Unicast
        .000 0000 0000 0000 = Reserved flags: 0x0000
    Client IP address: 0.0.0.0
    Your (client) IP address: 192.168.57.95
    Next server IP address: 192.168.57.91
    Relay agent IP address: 0.0.0.0

Client MAC address: AzureWaveTec_3a:a5:d0 (10:68:38:3a:a5:d0)
    Client hardware address padding: 00000000000000000000
    Server host name not given
    Boot file name not given
    Magic cookie: DHCP
    Option: (53) DHCP Message Type (ACK)
        Length: 1
        DHCP: ACK (5)
    Option: (54) DHCP Server Identifier (192.168.57.91)
        Length: 4
        DHCP Server Identifier: 192.168.57.91
    Option: (51) IP Address Lease Time
        Length: 4
        IP Address Lease Time: 59 minutes, 59 seconds (3599)
    Option: (58) Renewal Time Value
        Length: 4
        Renewal Time Value: 29 minutes, 59 seconds (1799)
    Option: (59) Rebinding Time Value
        Length: 4
        Rebinding Time Value: 52 minutes, 29 seconds (3149)
    Option: (1) Subnet Mask (255.255.255.0)
        Length: 4
        Subnet Mask: 255.255.255.0
    Option: (28) Broadcast Address (192.168.57.255)
        Length: 4
        Broadcast Address: 192.168.57.255
    Option: (3) Router
        Length: 4
        Router: 192.168.57.91
    Option: (6) Domain Name Server
        Length: 4
        Domain Name Server: 192.168.57.91
    Option: (43) Vendor-Specific Information
        Length: 15
        Value: 414e44524f49445f4d455445525444
    Option: (255) End
        Option End: 255
    Padding: 00

```
0000  10 68 38 3a a5 d0 ae 42 1f 9e 1b c3 08 00 45 00   .h8:...B......E.
0010  01 52 b5 f1 40 00 40 11 8f 9e c0 a8 39 5b c0 a8   .R..@.@.....9[..
0020  39 5f 00 43 00 44 01 3e 1a 01 02 01 06 00 9b 26   9_.C.D.>.......&
0030  17 c7 00 00 00 00 00 00 00 00 c0 a8 39 5f c0 a8   ............9_..
0040  39 5b 00 00 00 00 10 68 38 3a a5 d0 00 00 00 00   9[.....h8:......
0050  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
0060  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
0070  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
0080  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
0090  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
00a0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
00b0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
00c0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
00d0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
00e0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
00f0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
0100  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ...............
0110  00 00 00 00 00 00 63 82 53 63 35 01 05 36 04 c0   ......c.Sc5..6..
0120  a8 39 5b 33 04 00 00 0e 0f 3a 04 00 00 07 07 3b   .9[3.....:.....;
0130  04 00 00 0c 4d 01 04 ff ff ff 00 1c 04 c0 a8 39   ....M..........9
0140  ff 03 04 c0 a8 39 5b 06 04 c0 a8 39 5b 2b 0f 41   .....9[....9[+.A
0150  4e 44 52 4f 49 44 5f 4d 45 54 45 52 45 44 ff 00   NDROID_METERED..
```