```
2646 2016-11-09 00:51:00.535008242 0.0.0.0
                                                                                  255.255.255.255
                                                                                                             DHCP
Transaction ID 0x84997630
Frame 2646: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface 0
Ethernet II, Src: IntelCor_5a:92:6d (f4:06:69:5a:92:6d), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Internet Protocol Version 4, Src: 0.0.0.0, Dst: 255.255.255.255
User Datagram Protocol, Src Port: 68 (68), Dst Port: 67 (67)
Bootstrap Protocol (Discover)
     Message type: Boot Request (1)
     Hardware type: Ethernet (0x01)
     Hardware address length: 6
     Hops: 0
     Transaction ID: 0x84997630
     Seconds elapsed: 0
     Bootp flags: 0x0000 (Unicast)
Client IP address: 0.0.0.0
Your (client) IP address: 0.0.0.0
    Server host name not given
     Boot file name not given
     Magic cookie: DHCP
     Option: (53) DHCP Message Type (Discover)
          Length:
          DHCP: Discover (1)
     Option: (50) Requested IP Address
          Length: 4
          Requested IP Address: 172.29.52.47
     Option: (12) Host Name
          Length: 9
     Host Name: rob-hp450
Option: (55) Parameter Request List
          Length: 13
          Parameter Request List Item: (1) Subnet Mask
          Parameter Request List Item: (28) Broadcast Address
Parameter Request List Item: (2) Time Offset
Parameter Request List Item: (3) Router
          Parameter Request List Item: (15) Domain Name
          Parameter Request List Item:
                                             (6) Domain Name Server
          Parameter Request List Item:
                                             (119) Domain Search
          Parameter Request List Item:
                                             (12) Host Name
          Parameter Request List Item: (44) NetBIOS over TCP/IP Name Server
          Parameter Request List Item:
                                             (47) NetBIOS over TCP/IP Scope
          Parameter Request List Item: (26) Interface MTU
          Parameter Request List Item:
                                             (121) Classless Static Route
          Parameter Request List Item: (42) Network Time Protocol Servers
     Option: (255) End
```

342

DHCP Discover -