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57 3.849295      0.0.0.0          255.255.255.255    DHCP      342    DHCP Discover - Transaction ID 0x4ab751cf
Frame 57: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface 0
Ethernet II, Src: Dell_19:80:f2 (00:23:ae:19:80:f2), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Internet Protocol Version 4, Src: 0.0.0.0, Dst: 255.255.255.255
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 328
  Identification: 0x4c1c (19484)
  Flags: 0x00
  Fragment offset: 0
  Time to live: 128
  Protocol: UDP (17)
  Header checksum: 0xed89 [validation disabled]
  Source: 0.0.0.0
  Destination: 255.255.255.255
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 68 (68), Dst Port: 67 (67)
  Source Port: 68
  Destination Port: 67
  Length: 308
  Checksum: 0x0145 [validation disabled]
  [Stream index: 4]
Bootstrap Protocol (Discover)
  Message type: Boot Request (1)
  Hardware type: Ethernet (0x01)
  Hardware address length: 6
  Hops: 0
  Transaction ID: 0x4ab751cf
  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: Dell_19:80:f2 (00:23:ae:19:80:f2)
  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: Dell_19:80:f2 (00:23:ae:19:80:f2)
Option: (50) Requested IP Address
  Length: 4
  Requested IP Address: 192.168.0.18
Option: (12) Host Name
  Length: 9
  Host Name: SweetCorn
Option: (60) Vendor class identifier
  Length: 8
  Vendor class identifier: MSFT 5.0
Option: (55) Parameter Request List
  Length: 12
  Parameter Request List Item: (1) Subnet Mask
  Parameter Request List Item: (15) Domain Name
  Parameter Request List Item: (3) Router
  Parameter Request List Item: (6) Domain Name Server
  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: (31) Perform Router Discover
  Parameter Request List Item: (33) Static Route
  Parameter Request List Item: (121) Classless Static Route
  Parameter Request List Item: (249) Private/Classless Static Route (Microsoft)
  Parameter Request List Item: (43) Vendor-Specific Information
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C:\Users\Himangshu\Google Drive\NC_State_Spring_2016\Computer Networks\Wireshark\WS4\dhcp_ws_lab_4.pcapng 1880 total packets, 11 shown

Option: (255) End
Option End: 255
Padding: 000000000000