

> Ethernet II, Src: Micro-St_c2:99:83 (d8:bb:c1:c2:99:83), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

▼ Address Resolution Protocol (ARP Probe)

Hardware type: Ethernet (1)

Protocol type: IPv4 (0x0800)

Hardware size: 6

Protocol size: 4

Opcode: request (1)

[Is probe: True]

Sender MAC address: Micro-St_c2:99:83 (d8:bb:c1:c2:99:83)

Sender IP address: 0.0.0.0

Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)

Target IP address: 192.168.31.18

> Ethernet II, Src: Micro-ST_e4:eb:d4 (a8:bb:c1:e4:eb:d4), Dst: IPv4mcast_1b (01:00:5e:00:00:1b)

▼ Internet Protocol Version 4, Src: 192.168.31.9, Dst: 224.0.0.22

0100 = Version: 4

.... 0110 = Header Length: 24 bytes (6)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 40

Identification: 0x4a5b (19035)

> 000. = Flags: 0x0

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 1

Protocol: IGMP (2)

Header Checksum: 0x1aad [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.31.9

Destination Address: 224.0.0.22

> Options: (4 bytes), Router Alert

▼ Internet Group Management Protocol

< >

```
> User Datagram Protocol, Src Port: 61030, Dst Port: 1900
< Simple Service Discovery Protocol
  < M-SEARCH * HTTP/1.1\r\n
    > [Expert Info (Chat/Sequence): M-SEARCH * HTTP/1.1\r\n]
      Request Method: M-SEARCH
      Request URI: *
      Request Version: HTTP/1.1
    HOST: 239.255.255.250:1900\r\n
    MAN: "ssdp:discover"\r\n
    MX: 1\r\n
    ST: urn:dial-multiscreen-org:service:dial:1\r\n
    USER-AGENT: Google Chrome/117.0.5938.132 Windows\r\n
    \r\n
    [Full request URI: http://239.255.255.250:1900*]
    [HTTP request 1/4]
    [Next request in frame: 51232]
```

▼ Transmission Control Protocol, Src Port: 52187, Dst Port: 443, Seq: 2053, Ack: 1047, Len: 0

Source Port: 52187

Destination Port: 443

[Stream index: 77]

[Conversation completeness: Complete, WITH_DATA (63)]

[TCP Segment Len: 0]

Sequence Number: 2053 (relative sequence number)

Sequence Number (raw): 2527396113

[Next Sequence Number: 2053 (relative sequence number)]

Acknowledgment Number: 1047 (relative ack number)

Acknowledgment number (raw): 1593067049

0101 = Header Length: 20 bytes (5)

> Flags: 0x010 (ACK)

Window: 255

[Calculated window size: 65280]

[Window size scaling factor: 256]

Checksum: 0x2de1 [unverified]

Internet Protocol Version 4, Src: 192.168.31.34, Dst: 239.255.255.250

0100 = Version: 4

.... 0101 = Header Length: 20 bytes (5)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 801

Identification: 0x8672 (34418)

> 000. = Flags: 0x0

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 1

Protocol: UDP (17)

Header Checksum: 0x6095 [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.31.34

Destination Address: 239.255.255.250

> User Datagram Protocol, Src Port: 49583, Dst Port: 3702

> Data (773 bytes)

Internet Protocol Version 4 (in) 20 bytes