

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	192.168.1.5	224.0.0.251	MDNS	105	Standard query 0x01a5 PTR _CA5E8412._sub._googlecast._tcp.local, "QM" question PTR _googlecast._tcp.local, "QM" question

Frame 1: 105 bytes on wire (840 bits), 105 bytes captured (840 bits) on interface any, id 0
Linux cooked capture
Internet Protocol Version 4, Src: 192.168.1.5, Dst: 224.0.0.251
User Datagram Protocol, Src Port: 5353, Dst Port: 5353
Multicast Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
2	6.853310180	127.0.0.1	127.0.1.1	TCP	76	46844 → 5003 [SYN] Seq=0 Win=65495 Len=0

MSS=65495 SACK_PERM=1 TSval=4290917890 TSecr=0 WS=128

Frame 2: 76 bytes on wire (608 bits), 76 bytes captured (608 bits) on interface any, id 0

Linux cooked capture

Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1

Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 0, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
3	6.853317115	127.0.1.1	127.0.0.1	TCP	76	5003 → 46844 [SYN, ACK] Seq=0 Ack=1
Win=65483 Len=0 MSS=65495 SACK_PERM=1 TSval=3335881060 TSecr=4290917890 WS=128						
Frame 3: 76 bytes on wire (608 bits), 76 bytes captured (608 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 0, Ack: 1, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
4	6.853322848	127.0.0.1	127.0.1.1	TCP	68	46844 → 5003 [ACK] Seq=1 Ack=1 Win=65536

Len=0 TSval=4290917890 TSecr=3335881060
 Frame 4: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0
 Linux cooked capture
 Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1
 Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 1, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
5	6.853463584	127.0.0.1	127.0.1.1	TLSv1.3	585	Client Hello

Frame 5: 585 bytes on wire (4680 bits), 585 bytes captured (4680 bits) on interface any, id 0
Linux cooked capture
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 1, Ack: 1, Len: 517
Transport Layer Security
 TLSv1.3 Record Layer: Handshake Protocol: Client Hello
 Content Type: Handshake (22)
 Version: TLS 1.0 (0x0301)
 Length: 512
 Handshake Protocol: Client Hello
 Handshake Type: Client Hello (1)
 Length: 508
 Version: TLS 1.2 (0x0303)
 Random: e1362b9b8a6fcc11307fed8c161db8f4cc1a46739e86998e...
 Session ID Length: 32
 Session ID: 18ba640f15b855fd0a98b412835fb258eb61ce94b9e76a67...
 Cipher Suites Length: 62
 Cipher Suites (31 suites)
 Compression Methods Length: 1
 Compression Methods (1 method)
 Extensions Length: 373
 Extension: server_name (len=22)
 Extension: ec_point_formats (len=4)
 Extension: supported_groups (len=12)
 Extension: session_ticket (len=0)
 Extension: encrypt_then_mac (len=0)
 Extension: extended_master_secret (len=0)
 Extension: signature_algorithms (len=42)
 Extension: supported_versions (len=5)
 Extension: psk_key_exchange_modes (len=2)
 Extension: key_share (len=38)
 Extension: padding (len=204)

No.	Time	Source	Destination	Protocol	Length	Info
6	6.853467172	127.0.1.1	127.0.0.1	TCP	68	5003 → 46844 [ACK] Seq=1 Ack=518 Win=65024
Len=0 TSval=3335881060 TSecr=4290917890						
Frame 6: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 1, Ack: 518, Len: 0						

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No.      Time           Source           Destination      Protocol Length Info
  7 6.857659420      127.0.1.1       127.0.0.1        TLSv1.3    2540    Server Hello, Change Cipher Spec,
Application Data, Application Data, Application Data, Application Data
Frame 7: 2540 bytes on wire (20320 bits), 2540 bytes captured (20320 bits) on interface any, id 0
Linux cooked capture
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 1, Ack: 518, Len: 2472
Transport Layer Security
  TLSv1.3 Record Layer: Handshake Protocol: Server Hello
    Content Type: Handshake (22)
    Version: TLS 1.2 (0x0303)
    Length: 122
    Handshake Protocol: Server Hello
      Handshake Type: Server Hello (2)
      Length: 118
      Version: TLS 1.2 (0x0303)
      Random: fdceaa7e5d5425ff65dabc72c093253d677ccbd4bc034d0...
      Session ID Length: 32
      Session ID: 18ba640f15b855fd0a98b412835fb258eb61ce94b9e76a67...
      Cipher Suite: TLS_AES_256_GCM_SHA384 (0x1302)
      Compression Method: null (0)
      Extensions Length: 46
      Extension: supported_versions (len=2)
      Extension: key_share (len=36)
  TLSv1.3 Record Layer: Change Cipher Spec Protocol: Change Cipher Spec
    Content Type: Change Cipher Spec (20)
    Version: TLS 1.2 (0x0303)
    Length: 1
    Change Cipher Spec Message
  TLSv1.3 Record Layer: Application Data Protocol: http-over-tls
    Opaque Type: Application Data (23)
    Version: TLS 1.2 (0x0303)
    Length: 23
    Encrypted Application Data: 96640dfad6ff1324728cba0b2191e0f7d14068e20e780b
  TLSv1.3 Record Layer: Application Data Protocol: http-over-tls
    Opaque Type: Application Data (23)
    Version: TLS 1.2 (0x0303)
    Length: 62
    Encrypted Application Data: dd4b7038b11c9f97d76d1a09a88fe9d96c6800459009fa9c...
  TLSv1.3 Record Layer: Application Data Protocol: http-over-tls
    Opaque Type: Application Data (23)
    Version: TLS 1.2 (0x0303)
    Length: 1623
    Encrypted Application Data: 051a69e32abcdef42b1b867171c3dd92a64d1d2cf62b1e6f...
  TLSv1.3 Record Layer: Application Data Protocol: http-over-tls
    Opaque Type: Application Data (23)
    Version: TLS 1.2 (0x0303)
    Length: 537
    Encrypted Application Data: 65cd0d994eeb337c751f8cb0e0bcf9bbb0a02e1d998ace2d...
  TLSv1.3 Record Layer: Application Data Protocol: http-over-tls
    Opaque Type: Application Data (23)
    Version: TLS 1.2 (0x0303)
    Length: 69
    Encrypted Application Data: be6bbfe59a7f5771acde6603ef2567a88e916166a4f82913...
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No.	Time	Source	Destination	Protocol	Length	Info
Win=63744	8 6.857664147	127.0.0.1	127.0.1.1	TCP	68	46844 → 5003 [ACK] Seq=518 Ack=2473
Frame 8: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 518, Ack: 2473, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
9	6.862767434	127.0.0.1	127.0.1.1	TLSv1.3	2320	Change Cipher Spec, Application Data,
Application Data, Application Data						
Frame 9: 2320 bytes on wire (18560 bits), 2320 bytes captured (18560 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 518, Ack: 2473, Len: 2252						
Transport Layer Security						
TLSv1.3 Record Layer: Change Cipher Spec Protocol: Change Cipher Spec						
Content Type: Change Cipher Spec (20)						
Version: TLS 1.2 (0x0303)						
Length: 1						
Change Cipher Spec Message						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 1625						
Encrypted Application Data: 6652bca0f1e55d5aee55e4b20efcdc93c006648a0415aed5...						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 537						
Encrypted Application Data: 535c8c20349f749fc909e9402439b19961b654eb0f3c9354...						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 69						
Encrypted Application Data: f9b1b5d9f9d827310994d082b0b220a468c5cf47278398db...						

No.	Time	Source	Destination	Protocol	Length	Info
10	6.862773155	127.0.1.1	127.0.0.1	TCP	68	5003 → 46844 [ACK] Seq=2473 Ack=2770
Win=63872 Len=0 TSval=3335881069 TSecr=4290917899						
Frame 10: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 2473, Ack: 2770, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
11	6.862950411	127.0.0.1	127.0.1.1	TLSv1.3	103	Application Data
Frame 11: 103 bytes on wire (824 bits), 103 bytes captured (824 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2770, Ack: 2473, Len: 35						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 30						
Encrypted Application Data: dd77d29963f4b3683f71250a86de854faedd62cbab5a74f2...						

No.	Time	Source	Destination	Protocol	Length	Info
12	6.862953990	127.0.1.1	127.0.0.1	TCP	68	5003 → 46844 [ACK] Seq=2473 Ack=2805
Win=63872 Len=0 TSval=3335881069 TSecr=4290917899						
Frame 12: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 2473, Ack: 2805, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
13	6.863100	146	127.0.1.1	127.0.0.1	TLSv1.3	1923 Application Data
Frame 13: 1923 bytes on wire (15384 bits), 1923 bytes captured (15384 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 2473, Ack: 2805, Len: 1855						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 1850						
Encrypted Application Data: 1a59bbf70820abfd510c1da7af4695b17dafae874d257d16...						

No.	Time	Source	Destination	Protocol	Length	Info
14	6.863102342	127.0.0.1	127.0.1.1	TCP	68	46844 → 5003 [ACK] Seq=2805 Ack=4328
Win=64000 Len=0 TSval=4290917899 TSecr=3335881069						
Frame 14: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2805, Ack: 4328, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
15	6.863164150	127.0.1.1	127.0.0.1	TLSv1.3	1923	Application Data
Frame 15: 1923 bytes on wire (15384 bits), 1923 bytes captured (15384 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 4328, Ack: 2805, Len: 1855						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 1850						
Encrypted Application Data: 7969cdeefa530606a9d57399f6b3e623d37cc932c86fd679...						

No.	Time	Source	Destination	Protocol	Length	Info
16	6.863166332	127.0.0.1	127.0.1.1	TCP	68	46844 → 5003 [ACK] Seq=2805 Ack=6183
Win=63104 Len=0 TSecr=4290917899 TSecr=3335881069						
Frame 16: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2805, Ack: 6183, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
17	18.465269338	127.0.0.1	127.0.1.1	TLSv1.3	107	Application Data
Frame 17: 107 bytes on wire (856 bits), 107 bytes captured (856 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2805, Ack: 6183, Len: 39						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 34						
Encrypted Application Data: 7be5cc57423ceb2b9d1a0d0f51f3bf0e18bf586097ed2780...						

No.	Time	Source	Destination	Protocol	Length	Info
18	18.465278600	127.0.1.1	127.0.0.1	TCP	68	5003 → 46844 [ACK] Seq=6183 Ack=2844
Win=64896 Len=0 TSval=3335892672 TSecr=4290929502						
Frame 18: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 6183, Ack: 2844, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
19	20.002645850	192.168.1.5	224.0.0.251	MDNS	105	Standard query 0x01a6 PTR _CASE8412._sub._googlecast._tcp.local, "QM" question
Frame 19: 105 bytes on wire (840 bits), 105 bytes captured (840 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 192.168.1.5, Dst: 224.0.0.251						
User Datagram Protocol, Src Port: 5353, Dst Port: 5353						
Multicast Domain Name System (query)						

No.	Time	Source	Destination	Protocol	Length	Info
20	21.655172277	127.0.0.1	127.0.1.1	TLSv1.3	104	Application Data
Frame 20: 104 bytes on wire (832 bits), 104 bytes captured (832 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2844, Ack: 6183, Len: 36						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 31						
Encrypted Application Data: c6b9859c52eeebc3cf7154b00b36f46cd10da7525ba48676...						

No.	Time	Source	Destination	Protocol	Length	Info
21	21.655187846	127.0.1.1	127.0.0.1	TCP	68	5003 → 46844 [ACK] Seq=6183 Ack=2880
Win=64896 Len=0 TSval=3335895861 TSecr=4290932691						
Frame 21: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 6183, Ack: 2880, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
22	21.655436695	127.0.1.1	127.0.0.1	TLSv1.3	112	Application Data
Frame 22: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 6183, Ack: 2880, Len: 44						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 39						
Encrypted Application Data: 51696882d6955e9569eddcdfc5747f8275e4056f17a2f3ed...						

No.	Time	Source	Destination	Protocol	Length	Info
23	21.655461090	127.0.0.1	127.0.1.1	TCP	68	46844 → 5003 [ACK] Seq=2880 Ack=6227
Win=64896 Len=0 TSval=4290932692 TSecr=3335895862						
Frame 23: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2880, Ack: 6227, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
24	26.691131615	127.0.0.1	127.0.1.1	TLSv1.3	104	Application Data
Frame 24: 104 bytes on wire (832 bits), 104 bytes captured (832 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2880, Ack: 6227, Len: 36						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 31						
Encrypted Application Data: 3fcabc2f782a5e969f91febe48e0af29e86cef6c91d0b694c...						

No.	Time	Source	Destination	Protocol	Length	Info
25	26.691162982	127.0.1.1	127.0.0.1	TCP	68	5003 → 46844 [ACK] Seq=6227 Ack=2916
Win=65536 Len=0 TSval=3335900897 TSecr=4290937727						
Frame 25: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 6227, Ack: 2916, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
26	26.691373821	127.0.1.1	127.0.0.1	TLSv1.3	113	Application Data
Frame 26: 113 bytes on wire (904 bits), 113 bytes captured (904 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.1.1, Dst: 127.0.0.1						
Transmission Control Protocol, Src Port: 5003, Dst Port: 46844, Seq: 6227, Ack: 2916, Len: 45						
Transport Layer Security						
TLSv1.3 Record Layer: Application Data Protocol: http-over-tls						
Opaque Type: Application Data (23)						
Version: TLS 1.2 (0x0303)						
Length: 40						
Encrypted Application Data: 12fac0da1830a269cbe1c1d017129c3129b93050d487bbd7...						

No.	Time	Source	Destination	Protocol	Length	Info
27	26.691387077	127.0.0.1	127.0.1.1	TCP	68	46844 → 5003 [ACK] Seq=2916 Ack=6272
Win=65536 Len=0 TSval=4290937728 TSecr=3335900898						
Frame 27: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.1.1						
Transmission Control Protocol, Src Port: 46844, Dst Port: 5003, Seq: 2916, Ack: 6272, Len: 0						

No.	Time	Source	Destination	Protocol	Length	Info
28	32.310939232	fe80::3649:5bff:fed0:671a	ff02::1	ICMPv6	176	Router Advertisement from 34:49:5b:d0:67:1a

Frame 28: 176 bytes on wire (1408 bits), 176 bytes captured (1408 bits) on interface any, id 0

Linux cooked capture

Internet Protocol Version 6, Src: fe80::3649:5bff:fed0:671a, Dst: ff02::1

Internet Control Message Protocol v6

No.	Time	Source	Destination	Protocol	Length	Info
29	32.321850997	fe80::9c2e:9b6:e12e:db98	ff02::16	ICMPv6	172	Multicast Listener Report Message v2
Frame 29: 172 bytes on wire (1376 bits), 172 bytes captured (1376 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 6, Src: fe80::9c2e:9b6:e12e:db98, Dst: ff02::16						
Internet Control Message Protocol v6						

No.	Time	Source	Destination	Protocol	Length	Info
30	32.825860186	fe80::9c2e:9b6:e12e:db98	ff02::16	ICMPv6	172	Multicast Listener Report Message v2
Frame 30: 172 bytes on wire (1376 bits), 172 bytes captured (1376 bits) on interface any, id 0						
Linux cooked capture						
Internet Protocol Version 6, Src: fe80::9c2e:9b6:e12e:db98, Dst: ff02::16						
Internet Control Message Protocol v6						