

Tshark

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> sudo tshark -i eth0
Running as user "root" and group "root". This could be dangerous.
Capturing on 'eth0'
  1 0.000000000 192.168.40.1 → 239.255.255.250 SSDP 212 M-SEARCH * HTTP/1.1
  2 0.961488880 192.168.40.1 → 239.255.255.250 SSDP 212 M-SEARCH * HTTP/1.1
  3 1.922212175 192.168.40.1 → 239.255.255.250 SSDP 212 M-SEARCH * HTTP/1.1
  4 2.888423252 192.168.40.1 → 239.255.255.250 SSDP 212 M-SEARCH * HTTP/1.1
  5 10.449308927 192.168.40.129 → 45.231.168.6 NTP 90 NTP Version 4, client
  6 10.483860045 45.231.168.6 → 192.168.40.129 NTP 90 NTP Version 4, server
  7 17.138425508 VMware_4e:a4:2b → VMware_f3:58:b1 ARP 42 Who has 192.168.40.2? Tell 192.168.40.129
  8 17.138553465 VMware_f3:58:b1 → VMware_4e:a4:2b ARP 60 192.168.40.2 is at 00:50:56:f3:58:b1
  9 21.840138172 192.168.40.1 → 224.0.0.251 MDNS 198 Standard query response 0x0000 PTR MSI._dosvc._tcp.local SRV 0 0 7680 M
SI.local TXT
 10 21.840480691 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 218 Standard query response 0x0000 PTR MSI._dosvc._tcp.local S
RV 0 0 7680 MSI.local TXT
 11 21.840869268 192.168.40.1 → 224.0.0.251 MDNS 81 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" question
 12 21.841140766 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 101 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" ques
tion
 13 22.092439392 192.168.40.1 → 224.0.0.251 MDNS 81 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" question
 14 22.092439734 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 101 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" ques
tion
 15 22.343207161 192.168.40.1 → 224.0.0.251 MDNS 81 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" question
 16 22.343207538 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 101 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" ques
tion
 17 22.582104743 192.168.40.1 → 224.0.0.251 MDNS 251 Standard query response 0x0000 PTR, cache flush MSI._dosvc._tcp.local S
RV, cache flush 0 0 7680 MSI.local TXT, cache flush A, cache flush 192.168.40.1 AAAA, cache flush fe80::49ce:dbfb:60d7:4820
 18 22.582240568 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 271 Standard query response 0x0000 PTR, cache flush MSI._dosvc
._tcp.local SRV, cache flush 0 0 7680 MSI.local TXT, cache flush A, cache flush 192.168.40.1 AAAA, cache flush fe80::49ce:dbfb:6
0d7:4820
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> sudo tshark -i eth0 -c 100
Running as user "root" and group "root". This could be dangerous.
Capturing on 'eth0'
  1 0.000000000 192.168.40.1 → 224.0.0.251 MDNS 198 Standard query response 0x0000 PTR MSI._dosvc._tcp.local SRV 0 0 7680 MS
I.local TXT
  2 0.000260094 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 218 Standard query response 0x0000 PTR MSI._dosvc._tcp.local SR
V 0 0 7680 MSI.local TXT
  3 0.000623107 192.168.40.1 → 224.0.0.251 MDNS 81 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" question
  4 0.000668622 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 101 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" quest
ion
  5 0.248967687 192.168.40.1 → 224.0.0.251 MDNS 81 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" question
  6 0.249195015 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 101 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" quest
ion
  7 0.499406419 192.168.40.1 → 224.0.0.251 MDNS 81 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" question
  8 0.499406771 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 101 Standard query 0x0000 ANY MSI._dosvc._tcp.local, "QM" quest
ion
  9 0.750004246 192.168.40.1 → 224.0.0.251 MDNS 251 Standard query response 0x0000 PTR, cache flush MSI._dosvc._tcp.local SR
V, cache flush 0 0 7680 MSI.local TXT, cache flush A, cache flush 192.168.40.1 AAAA, cache flush fe80::49ce:dbfb:60d7:4820
 10 0.750179332 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 271 Standard query response 0x0000 PTR, cache flush MSI._dosvc
._tcp.local SRV, cache flush 0 0 7680 MSI.local TXT, cache flush A, cache flush 192.168.40.1 AAAA, cache flush fe80::49ce:dbfb:6
0d7:4820
 11 0.750318632 192.168.40.1 → 224.0.0.251 MDNS 199 Standard query response 0x0000 SRV, cache flush 0 0 7680 MSI.local TXT,
cache flush A, cache flush 192.168.40.1 AAAA, cache flush fe80::49ce:dbfb:60d7:4820
 12 0.750470920 fe80::49ce:dbfb:60d7:4820 → ff02::fb MDNS 219 Standard query response 0x0000 SRV, cache flush 0 0 7680 MS
I.local TXT, cache flush A, cache flush 192.168.40.1 AAAA, cache flush fe80::49ce:dbfb:60d7:4820
 13 4.288474925 192.168.40.129 → 45.231.168.6 NTP 90 NTP Version 4, client
 14 4.318541924 VMware_f3:58:b1 → Broadcast ARP 60 Who has 192.168.40.129? Tell 192.168.40.2
 15 4.318559297 VMware_4e:a4:2b → VMware_f3:58:b1 ARP 42 192.168.40.129 is at 00:0c:29:4e:a4:2b
 16 4.318688848 45.231.168.6 → 192.168.40.129 NTP 90 NTP Version 4, server
 17 11.084994131 VMware_4e:a4:2b → VMware_f3:58:b1 ARP 42 Who has 192.168.40.2? Tell 192.168.40.129
 18 11.085115113 VMware_f3:58:b1 → VMware_4e:a4:2b ARP 60 192.168.40.2 is at 00:50:56:f3:58:b1
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> sudo tshark -i eth0 -x -c 100
Running as user "root" and group "root". This could be dangerous.
Capturing on 'eth0'
0000 00 50 56 f3 58 b1 00 0c 29 4e a4 2b 08 00 45 b8 .PV.X...)N.+..E.
0010 00 4c de 0d 40 00 40 11 9c c4 c0 a8 28 81 2d e7 .L..@.@.....(-.
0020 a8 06 c9 f2 00 7b 00 38 bf 60 23 00 00 00 00 00 .....{.8.`#.....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0040 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0050 00 00 90 45 c9 5a d3 69 7d d7 ...E.Z.i}.

0000 00 0c 29 4e a4 2b 00 50 56 f3 58 b1 08 00 45 00 ..)N.+..PV.X...E.
0010 00 4c 12 12 00 00 80 11 69 78 2d e7 a8 06 c0 a8 .L.....ix-.....
0020 28 81 00 7b c9 f2 00 38 02 14 24 02 00 e8 00 00 (...{...8..$. ....
0030 0c ea 00 00 09 9b 94 6b a5 c7 ec 31 6f c1 42 36 .....k...1o.B6
0040 05 f8 90 45 c9 5a d3 69 7d d7 ec 31 73 0f b0 53 ...E.Z.i}..1s..S
0050 a7 c3 ec 31 73 0f b0 57 e8 4d ...1s..W.M
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