

1. Some of the protocols that were listed include UDP, ARP, TCP, TLSv1.2, and SSL.
2. It took 0.427672 seconds to take from the HTTP GET message to HTTP OK reply.
3. The internet address of gaia.cs.umass.edu is 128.119.245.12, and my address is 192.168.1.249.

4. Get Message:

No . S o Tuirmcee D Persotitnoactioi n L e n5g1t2h 1In5f:2o8:01.566 2 0 4 0 0 102
 189.121.196.284.15.249 .51920 G EHTT T/wPi r e s har rkk-l-afibles1/I.NhtTmRl
 OH-TwTirPe/s1ha .1
 Forna mweir e5 1(427: 2509 0b ibtsy)tes , (549702 0b ybtietss) coanp itnutreed r f a Icnete
 0rface id: 0 (A\DCe-Cvi0cAe5\N-4P4F3_F{-78850436F-6FC 9 4 FE5n4c5aApsAuClaAti}o)n ty
 p e :A Errtihvearl nTeimt (e1:) Se 5p 62672,0 24001050 1P5a:2c8if:ic0 1D.a y l i g[Thitm Teim
 sehift for t0h0is0 0p ascekceotn: d0s.0] 0000 3 9 2E8p8o1c.h5 6T6im20e4: 010404 3sec o n
 d[Tsime delta from rparmevei:o 0u.s0 0c0a4p4tu0r0e0d0 f se c o n[Tdism]e delta from
 fpraremveio: u0s.0 d0i0s0p0la0y0e0d0 s e c o[Tnidmse] since refe :r e1n8c.7e5 o0r5 f0ir2s0t
 0fr0a mseecon d s]Frame Number: 51 2 Frame Length: 59 0 b Cyatepst u(r4e7 2L0e nbgittsh):
)590 bytes (4720 bits : F [aFlsraem] e is marked d : F[Farlasme]e is ignore a m [eP:r
 oettohc:eotlhse inrt yfpr e:i p : t c[Npu:hmttbpe] r of per-p r o t[oHcyopl-edratetax:t 1T]rans
 f e r[CPorolotoricnogl ,R kuelye 0N] a m [eC:o HloTriTnPg] Rule S torrint g== h 8tt0p ||||
 htcttp.2p] uErtehweranve_t9 I4I,: cS2rc:8: dA (z24: :0 aA:s6u4s:9te4k:Cc2_:e81d:)0, eD:est8
 I(n5t4e:ran0e:t5 0P:reolto:0ceo:le V8e) r8s.lio.n2 449, S(1r9c2: .119628..116.2 45.91)2,
 D(1s2t:8 1.12189.1.21495.2.142)Transmission Control 4P9ro8t1o1c o(4l,9 S8r1c1 P),o Drts:t
 1P,o Artc: k8:0 1 (,8 L0e),n S: 5e3q6: rHoytopceortlext Transfer P

5. OK Message

No . S o Tuirmcee D Persotitnoactioi n L e n5g4t4h 1In5f:2o8:01.993 8 7 6 0 0 109
 129.126.186.18..21.124 1429 8 1 H HTTTTPP/1/.X1M 2L0 0 OK
 sF roanm wei r5e4 4(1: 01224881 bbiyt te rse),d 1 (218012 4b8y tbeists c) aopnt u i n t
 eInrftearcfea c0e id: 0 (A\DCe-Cvi0cAe5\N-4P4F3_F{-78850436F-6FC 9 4
 FE5n4c5aApsAuClaAti}o)n ty p e :A Errtihvearl nTeimt (e1:) Se 9p 92378,7 26001050
 1P5a:2c8if:ic0 1D.a y l i g[Thitm Teim sehift for t0h0is0 0p ascekceotn: d0s.0] 0000 3 9
 2E8p8o1c.h9 9T3im87e6: 010404 3sec o n d[Tsime delta from rparmevei:o 0u.s0
 0c2a0p2tu1r0e0d0 f se c o n[Tdism]e delta from fpraremveio: u0s.0 d4i1s0p1la6y0e0d0 s e c
 o[Tnidmse] since refe :r e1n9c.1e7 o8r1 f7ir4s0t 0fr0a mseecon d s]Frame Number: 54 4 Frame
 Length: 12)81 bytes (10248 bits 1 2 8C1a pbyutrees L(1e0n2g4th8: bi t s) [Frame is marked : F
 [aFlsraem] e is ignore d : F[Parlosteo]cols in fr ap:mtcep:: hettthp::extmhel]rtype:i r o
 t[oNcuoml-dbaetra o: fl p] er-p f e r[HPyropteorcteoxt,t kTerya n0s]
 a m [eC:o HloTriTnPg] Rule N t r i n[gC:o hlotttrpin |g| tRcpu.lpe S oErth =e=rn 8e0t I|I|,
 hStrtcp:2 A] z aurde:fw8a:7vf_:27af::2ea4:)e, 4D (s6tc: :(
 2A4z:u0rae:6w4a:v9_49:c42:c:82d:8)d Irnstioenrn 4e,t SPrrco:t o1c9o2l. 1V6e 28.41),.1 D2s4t

:(119922..116688..11..1 2T4ra9n (s1m92is.s1i6o8n. 1C.o2n4t9r)ol 8P0ro0t8o c(8o0l,0 S8r)c,
DPsotr tP: o retq: :4 19,6 A99c k(:4 390659,9 L),e Sn :H 1y2p2e7rtext Transfer P
reoXtotecnoslibe Markup La nguage