

Arthur de Sá Braz de Matos

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Ex(1)

Configuração de IP do Windows

Adaptador de Rede sem Fio Conexão Local* 1:

Estado da mídia. : mídia desconectada
Sufixo DNS específico de conexão. :

Adaptador de Rede sem Fio Conexão Local* 2:

Estado da mídia. : mídia desconectada
Sufixo DNS específico de conexão. :

Adaptador de Rede sem Fio Wi-Fi:

Sufixo DNS específico de conexão. :
Endereço IPv6 de link local : fe80::572c:d01f:c7d:a9a8%14
Endereço IPv4. : 10.250.14.246
Máscara de Sub-rede : 255.255.0.0
Gateway Padrão. : 10.250.0.1
PS C:\Users\arthu> |

Ex(1.5)

```
PS C:\Users\arthu> ping 10.250.14.246
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Disparando 10.250.14.246 com 32 bytes de dados:

Resposta de 10.250.14.246: bytes=32 tempo<1ms TTL=128

Resposta de 10.250.14.246: bytes=32 tempo<1ms TTL=128

Resposta de 10.250.14.246: bytes=32 tempo<1ms TTL=128

Resposta de 10.250.14.246: bytes=32 tempo<1ms TTL=128

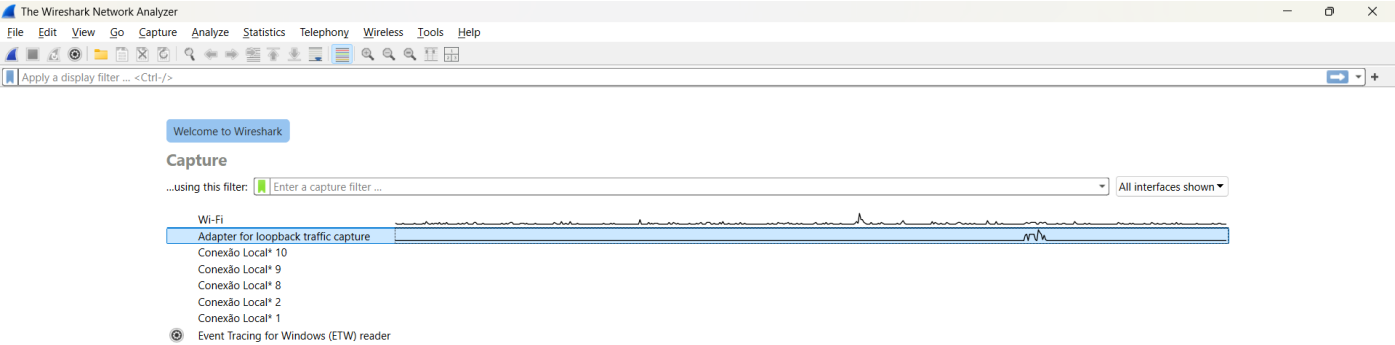
Estatísticas do Ping para 10.250.14.246:

Pacotes: Enviados = 4, Recebidos = 4, Perdidos = 0 (0% de perda),

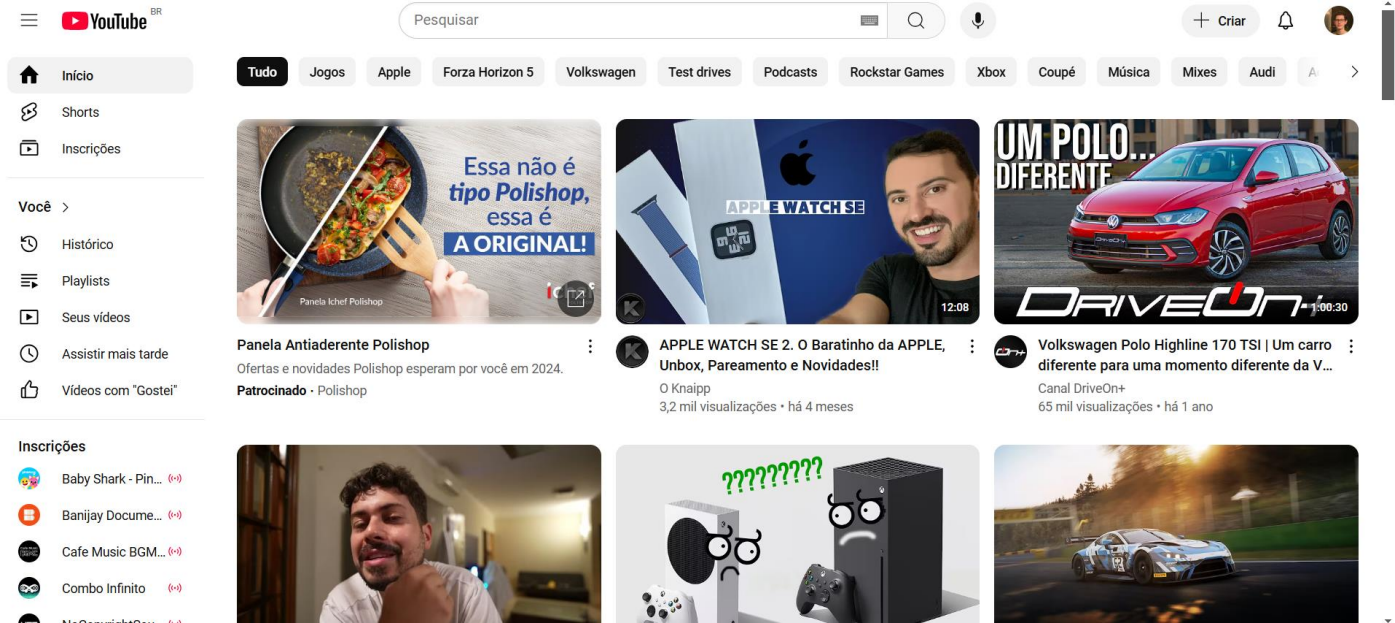
Aproximar um número redondo de vezes em milissegundos:

Mínimo = 0ms, Máximo = 0ms, Média = 0ms

Ex(2)



Ex(3)



Ex(4)

Capturing from Wi-Fi						
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help						
Apply a display filter ... <Ctrl-/>						
No.	Time	Source	Destination	Protocol	Length	Info
2399	27.086019	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.6.44? Tell 10.250.0.1
2400	27.090563	52.108.8.12	10.250.14.246	TCP	56	443 → 58213 [ACK] Seq=772 Ack=14779 Win=16385 Len=0
2401	27.090563	52.108.8.12	10.250.14.246	TCP	56	443 → 58213 [ACK] Seq=772 Ack=21186 Win=16385 Len=0
2402	27.102528	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.0.156? Tell 10.250.0.1
2403	27.106917	52.108.8.12	10.250.14.246	TLSv1.2	395	Application Data
2404	27.106917	52.108.8.12	10.250.14.246	TLSv1.2	147	Application Data
2405	27.106917	52.108.8.12	10.250.14.246	TLSv1.2	92	Application Data
2406	27.107141	10.250.14.246	52.108.8.12	TCP	54	58213 → 443 [ACK] Seq=21186 Ack=1206 Win=251 Len=0
2407	27.109214	10.250.14.246	52.108.8.12	TLSv1.2	96	Application Data
2408	27.128583	52.108.8.12	10.250.14.246	TCP	56	443 → 58213 [ACK] Seq=1244 Ack=21228 Win=16384 Len=0
2409	27.135984	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.14.182? Tell 10.250.0.1
2410	27.164276	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.10.45? Tell 10.250.0.1
2411	27.175543	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.14.233? Tell 10.250.0.1
2412	27.185353	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.11.141? Tell 10.250.0.1
2413	27.215332	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.0.240? Tell 10.250.0.1
2414	27.458962	10.250.14.246	142.251.132.206	TCP	55	58297 → 443 [ACK] Seq=1 Ack=1 Win=254 Len=1
2415	27.465898	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.7.29? Tell 10.250.0.1
2416	27.476634	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.5.177? Tell 10.250.0.1
2417	27.476634	142.251.132.206	10.250.14.246	TCP	66	443 → 58297 [ACK] Seq=1 Ack=2 Win=1038 Len=0 SLE=1 SRE=2
2418	27.515263	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.13.69? Tell 10.250.0.1
2419	27.523019	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.3.72? Tell 10.250.0.1
2420	27.536407	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.12.72? Tell 10.250.0.1
2421	27.564426	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.8.186? Tell 10.250.0.1
2422	27.564426	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.1.36? Tell 10.250.0.1
2423	28.611599	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.0.187? Tell 10.250.0.1
2424	29.243882	10.250.14.246	52.108.8.12	TCP	55	58215 → 443 [ACK] Seq=1 Ack=1 Win=255 Len=1
2425	29.249886	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.14.129? Tell 10.250.0.1
2426	29.257776	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.14.113? Tell 10.250.0.1
2427	29.261555	52.108.8.12	10.250.14.246	TCP	66	443 → 58215 [ACK] Seq=1 Ack=2 Win=16381 Len=0 SLE=1 SRE=2
2428	29.282830	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.0.65? Tell 10.250.0.1

Ex(5)

ip.dst == 10.250.14.246						
No.	Time	Source	Destination	Protocol	Length	Info
32450	347.136548	52.108.8.12	10.250.14.246	TLSv1.2	1429	Application Data
32451	347.136548	52.108.8.12	10.250.14.246	TLSv1.2	92	Application Data
32458	347.155638	52.108.8.12	10.250.14.246	TCP	56	443 → 58215 [ACK] Seq=18089 Ack=2251 Win=16384 Len=0
32459	347.155638	172.217.30.67	10.250.14.246	TCP	56	443 → 61429 [ACK] Seq=8983 Ack=18811 Win=255488 Len=0
32460	347.155638	172.217.30.67	10.250.14.246	TLSv1.3	93	Application Data
32461	347.155638	172.217.30.67	10.250.14.246	TCP	66	[TCP Dup ACK 32459#1] 443 → 61429 [ACK] Seq=9022 Ack=18811 Win=255488 Len=0 SLE=20223 SRE=20385
32462	347.155638	172.217.30.67	10.250.14.246	TCP	56	443 → 61429 [ACK] Seq=9022 Ack=20385 Win=253952 Len=0
32466	347.282252	172.217.30.67	10.250.14.246	TLSv1.3	145	Application Data
32468	347.285955	172.217.30.67	10.250.14.246	TLSv1.3	85	Application Data
32469	347.285955	172.217.30.67	10.250.14.246	TLSv1.3	93	Application Data
32472	347.307331	172.217.30.67	10.250.14.246	TCP	56	443 → 61429 [ACK] Seq=9183 Ack=20459 Win=253952 Len=0
32494	350.072657	52.108.36.29	10.250.14.246	TCP	56	443 → 59386 [ACK] Seq=3897 Ack=25133 Win=16381 Len=0
32495	350.072657	52.108.36.29	10.250.14.246	TLSv1.2	93	Application Data
32504	350.279132	172.217.28.67	10.250.14.246	TCP	66	[TCP Keep-Alive ACK] 443 → 64422 [ACK] Seq=3635 Ack=3388 Win=267264 Len=0 SLE=3387 SRE=3388
32512	351.071857	52.108.36.29	10.250.14.246	TLSv1.2	98	Application Data
32515	351.090113	52.108.36.29	10.250.14.246	TCP	56	443 → 59386 [ACK] Seq=3980 Ack=25203 Win=16381 Len=0
32524	351.349294	172.217.29.46	10.250.14.246	TCP	66	[TCP Keep-Alive ACK] 443 → 58243 [ACK] Seq=851379 Ack=762088 Win=5848 Len=0 SLE=762087 SRE=762088
32535	351.539417	172.217.29.46	10.250.14.246	TCP	66	[TCP Dup ACK 31850#1] 443 → 58243 [ACK] Seq=851379 Ack=762088 Win=5848 Len=0 SLE=764912 SRE=765203
32536	351.539417	172.217.29.46	10.250.14.246	TCP	66	[TCP Dup ACK 31850#2] 443 → 58243 [ACK] Seq=851379 Ack=762088 Win=5848 Len=0 SLE=764912 SRE=765242
32537	351.539417	172.217.29.46	10.250.14.246	TCP	66	[TCP Dup ACK 31850#3] 443 → 58243 [ACK] Seq=851379 Ack=762088 Win=5859 Len=0 SLE=764912 SRE=766519
32538	351.539417	172.217.29.46	10.250.14.246	TCP	66	443 → 58243 [ACK] Seq=851379 Ack=763500 Win=5870 Len=0 SLE=764912 SRE=766519
32539	351.539417	172.217.29.46	10.250.14.246	TCP	56	443 → 58243 [ACK] Seq=851379 Ack=766519 Win=5881 Len=0
32540	351.539417	172.217.29.46	10.250.14.246	TLSv1.2	93	Application Data
32546	351.600691	172.217.29.46	10.250.14.246	TLSv1.2	608	Application Data
32547	351.600691	172.217.29.46	10.250.14.246	TLSv1.2	116	Application Data
32548	351.600691	172.217.29.46	10.250.14.246	TLSv1.2	85	Application Data
32549	351.600691	172.217.29.46	10.250.14.246	TLSv1.2	93	Application Data
32555	351.641750	172.217.29.46	10.250.14.246	TCP	56	443 → 58243 [ACK] Seq=852104 Ack=766558 Win=5881 Len=0
32557	351.651475	172.217.29.46	10.250.14.246	TCP	56	443 → 58243 [ACK] Seq=852104 Ack=766593 Win=5881 Len=0
32575	353.120391	20.189.173.6	10.250.14.246	TCP	66	[TCP Keep-Alive ACK] 443 → 58209 [ACK] Seq=4752 Ack=216679 Win=16385 Len=0 SLE=216678 SRE=216679
> Frame 32264: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface \Device\NPF_{A812CAE...}						
> Ethernet II, Src: Fortinet_09:00:13 (00:09:0f:09:00:13), Dst: Intel_a9:75:04 (00:d7:6d:a9:75:04)						
> Internet Protocol Version 4, Src: 52.108.8.12, Dst: 10.250.14.246						
> Transmission Control Protocol, Src Port: 443, Dst Port: 58213, Seq: 1266282, Ack: 2621945, Len: 0						

Ex(6)

ip.addr == 10.250.14.246 and icmp.type == 8 and ip.dst == 10.250.0.1						
No.	Time	Source	Destination	Protocol	Length	Info
→ 35820	466.500747	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=35/8960, ttl=128 (reply in 35821)
35857	467.520905	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=36/9216, ttl=128 (reply in 35858)
35882	468.526893	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=37/9472, ttl=128 (reply in 35883)
35890	469.532933	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=38/9728, ttl=128 (reply in 35891)
37013	528.047127	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=39/9984, ttl=128 (reply in 37016)
37028	529.074894	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=40/10240, ttl=128 (reply in 37038)
37051	530.083910	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=41/10496, ttl=128 (reply in 37052)
37077	531.103465	10.250.14.246	10.250.0.1	ICMP	74	Echo (ping) request id=0x0001, seq=42/10752, ttl=128 (reply in 37081)
> Frame 35820: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{A812CAE...}						
> Ethernet II, Src: Intel_a9:75:04 (00:d7:6d:a9:75:04), Dst: Intel_a9:75:04 (00:d7:6d:a9:75:04)						
> Internet Protocol Version 4, Src: 10.250.14.246, Dst: 10.250.0.1						
> Internet Control Message Protocol, Src Port: 0, Dst Port: 0, Seq: 0, Len: 74						

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Windows PowerShell
Resposta de 10.250.0.1: bytes=32 tempo=6ms TTL=255

Estatísticas do Ping para 10.250.0.1:
  Pacotes: Enviados = 4, Recebidos = 4, Perdidos = 0 (0% de perda),
  Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 6ms, Máximo = 27ms, Média = 12ms
PS C:\Users\arthur> ping 10.250.0.1

Disparando 10.250.0.1 com 32 bytes de dados:
Resposta de 10.250.0.1: bytes=32 tempo=18ms TTL=255
Resposta de 10.250.0.1: bytes=32 tempo=85ms TTL=255
Resposta de 10.250.0.1: bytes=32 tempo=10ms TTL=255
Resposta de 10.250.0.1: bytes=32 tempo=43ms TTL=255

Estatísticas do Ping para 10.250.0.1:
  Pacotes: Enviados = 4, Recebidos = 4, Perdidos = 0 (0% de perda),
  Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 10ms, Máximo = 85ms, Média = 39ms
PS C:\Users\arthur>

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Ex(7)

ip.addr == 10.250.14.246 and ip.dst == 10.250.0.1

Ex(8)

icmp						
No.	icmp.type == 8 and ip.dst == 10.250.0.1	Destination	Protocol	Length	Info	
	icmp					
	icmpv6					
46		204.79.197.200	ICMP	106	Echo (ping) request	id=0x0001, seq=108/27648, ttl=8 (no response found!)
46		204.79.197.200	ICMP	106	Echo (ping) request	id=0x0001, seq=109/27904, ttl=8 (no response found!)
62685	1589.918156	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=110/28160, ttl=8 (no response found!)
62751	1593.924321	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=111/28416, ttl=9 (no response found!)
62831	1597.925060	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=112/28672, ttl=9 (no response found!)
62926	1601.916762	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=113/28928, ttl=9 (no response found!)
63040	1605.915362	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=114/29184, ttl=10 (no response found!)
63155	1609.921983	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=115/29440, ttl=10 (no response found!)
63174	1613.929958	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=116/29696, ttl=10 (no response found!)
63260	1617.926247	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=117/29952, ttl=11 (no response found!)
63288	1621.926226	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=118/30208, ttl=11 (no response found!)
63329	1625.915882	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=119/30464, ttl=11 (no response found!)
63471	1629.915406	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=120/30720, ttl=12 (no response found!)
63797	1633.917536	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=121/30976, ttl=12 (no response found!)
64034	1637.915084	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=122/31232, ttl=12 (no response found!)
64210	1641.914525	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=123/31488, ttl=13 (no response found!)
64338	1645.914858	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=124/31744, ttl=13 (no response found!)
64425	1649.920968	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=125/32000, ttl=13 (no response found!)
64527	1653.928304	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=126/32256, ttl=14 (no response found!)
64627	1657.920073	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=127/32512, ttl=14 (no response found!)
64726	1661.929036	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=128/32768, ttl=14 (no response found!)
64794	1665.917074	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=129/33024, ttl=15 (no response found!)
64942	1669.921089	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=130/33280, ttl=15 (no response found!)
64997	1673.929587	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=131/33536, ttl=15 (no response found!)
65007	1677.921624	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=132/33792, ttl=16 (no response found!)
65017	1681.926473	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=133/34048, ttl=16 (no response found!)
65099	1685.924385	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=134/34304, ttl=16 (no response found!)
65187	1689.923850	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=135/34560, ttl=17 (no response found!)
65254	1693.919407	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=136/34816, ttl=17 (no response found!)
65320	1697.922219	10.250.14.246	ICMP	106	Echo (ping) request	id=0x0001, seq=137/35072, ttl=17 (no response found!)

> Frame 50276: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{A812CA6} 0000 00 d7 6d a9 75 04 00 09 0f 09 00 13 08 00 45 00 ...m.u.....

Ex(9)

arp						
No.	arp	Time	Source	Destination	Protocol	Length Info
67802		1729.085110	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.6.130? Tell 10.250.0.1
67810		1729.088224	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.9.162? Tell 10.250.0.1
67812		1729.107243	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.2.185? Tell 10.250.0.1
67813		1729.109832	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.5.115? Tell 10.250.0.1
67814		1729.120724	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.14.97? Tell 10.250.0.1
67815		1729.120724	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.9.55? Tell 10.250.0.1
67817		1729.199202	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.10.63? Tell 10.250.0.1
67818		1729.208681	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.10.17? Tell 10.250.0.1
67819		1729.232645	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.2.182? Tell 10.250.0.1
67820		1729.284358	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.8.90? Tell 10.250.0.1
67821		1729.390415	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.10.211? Tell 10.250.0.1
67823		1729.497551	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.0.5? Tell 10.250.0.1
67824		1729.513542	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.7.2? Tell 10.250.0.1
67825		1729.527371	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.14.211? Tell 10.250.0.1
67827		1729.926659	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.0.192? Tell 10.250.0.1
67828		1729.929005	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.4.192? Tell 10.250.0.1
67829		1729.986815	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.4.7? Tell 10.250.0.1
67830		1729.986815	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.14.81? Tell 10.250.0.1
67831		1729.988798	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.4.175? Tell 10.250.0.1
67832		1729.988798	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.0.15? Tell 10.250.0.1
67833		1729.995880	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.7.208? Tell 10.250.0.1
67834		1730.019925	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.12.8? Tell 10.250.0.1
67835		1730.019925	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.0.67? Tell 10.250.0.1
67841		1730.109723	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.2.185? Tell 10.250.0.1
67842		1730.109723	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.5.115? Tell 10.250.0.1
67843		1730.109723	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.14.97? Tell 10.250.0.1
67846		1730.122655	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.9.55? Tell 10.250.0.1
67852		1730.144408	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.10.73? Tell 10.250.0.1
67854		1730.163460	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.13.148? Tell 10.250.0.1
67855		1730.229383	Fortinet_09:00:13	Broadcast	ARP	56 Who has 10.250.2.182? Tell 10.250.0.1

Ex(10)

arp.opcode == 1						
No.	Time	Source	Destination	Protocol	Length	Info
70703	1830.289467	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.5.226? Tell 10.250.0.1
70707	1830.333532	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.10.115? Tell 10.250.0.1
70709	1830.359941	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.15.10? Tell 10.250.0.1
70710	1830.360201	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.7.39? Tell 10.250.0.1
70711	1830.360684	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.11.175? Tell 10.250.0.1
70712	1830.374613	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.0.194? Tell 10.250.0.1
70713	1830.379039	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.2.72? Tell 10.250.0.1
70714	1830.404614	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.8.239? Tell 10.250.0.1
70715	1830.415755	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.12.5? Tell 10.250.0.1
70716	1830.439332	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.1.207? Tell 10.250.0.1
70717	1830.558307	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.4.192? Tell 10.250.0.1
70722	1830.685193	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.0.227? Tell 10.250.0.1
70723	1830.685193	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.7.4? Tell 10.250.0.1
70724	1830.701443	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.9.109? Tell 10.250.0.1
70725	1830.701443	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.14.48? Tell 10.250.0.1
70727	1830.710092	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.10.94? Tell 10.250.0.1
70728	1830.744481	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.13.215? Tell 10.250.0.1
70729	1830.779348	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.1.89? Tell 10.250.0.1
70731	1830.877589	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.2.18? Tell 10.250.0.1
70732	1830.877589	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.5.163? Tell 10.250.0.1
70734	1830.890359	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.0.58? Tell 10.250.0.1
70735	1830.901747	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.3.208? Tell 10.250.0.1
70736	1830.908677	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.13.54? Tell 10.250.0.1
70737	1830.926913	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.12.164? Tell 10.250.0.1
70739	1830.947785	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.12.113? Tell 10.250.0.1
70740	1830.952018	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.9.235? Tell 10.250.0.1
70741	1830.985429	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.8.68? Tell 10.250.0.1
70742	1830.988327	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.12.1? Tell 10.250.0.1
70743	1831.032195	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.5.156? Tell 10.250.0.1
70744	1831.071847	Fortinet_09:00:13	Broadcast	ARP	56	Who has 10.250.14.200? Tell 10.250.0.1
arp.opcode == 2						
No.	Time	Source	Destination	Protocol	Length	Info
47844	947.454695	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
48851	1001.522165	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
49438	1035.621734	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
49810	1065.418018	Fortinet_09:00:13	Intel_a9:75:04	ARP	56	10.250.0.1 is at 00:09:0f:09:00:13
49942	1070.836901	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
50471	1104.946730	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
51098	1139.078571	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
56138	1179.495065	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
56844	1213.601362	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
57388	1247.694322	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
57903	1277.903090	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
58326	1308.220846	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
59014	1337.921960	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
59625	1367.605757	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
60040	1398.224562	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
60516	1433.552022	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
60943	1463.164780	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
61360	1493.661136	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
61711	1523.357820	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
62165	1549.268151	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
62527	1578.245838	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
63017	1604.160644	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
64061	1638.362306	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
64765	1664.160004	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
65193	1690.171402	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
67495	1718.005784	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
68588	1744.722313	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
69534	1778.497464	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
70523	1818.375270	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04
71922	1858.316033	Intel_a9:75:04	Fortinet_09:00:13	ARP	42	10.250.14.246 is at 00:d7:6d:a9:75:04