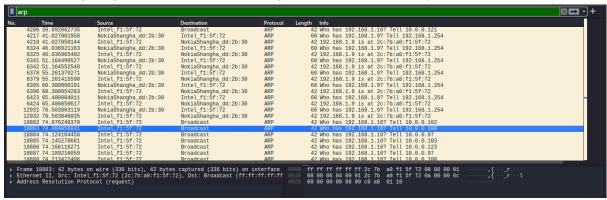CAPTURES 2:

1. After filtering different types of protocols, like TCP, ARP, i found there were some patterns in ARP.

2. Using length filter, i searched through the packets manually.

No.	Time	Source	Destination	Protocol	Length	Info
4206	39.892062735	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.121
4217	41.027001958	NokiaShangha_dd:2b:30	Intel_f1:5f:72	ARP	60	Who has 192.168.1.9? Tell 192.168.1.254
4218	41.027058144	Intel_f1:5f:72	NokiaShangha_dd:2b:30	ARP	42	192.168.1.9 is at 2c:7b:a0:f1:5f:72
6324	46.036921163	NokiaShangha_dd:2b:30	Intel_f1:5f:72	ARP	60	Who has 192.168.1.9? Tell 192.168.1.254
6325	46.036965402	Intel_f1:5f:72	NokiaShangha_dd:2b:30	ARP	42	192.168.1.9 is at 2c:7b:a0:f1:5f:72
6341	51.164499527	NokiaShangha_dd:2b:30	Intel_f1:5f:72	ARP	60	Who has 192.168.1.9? Tell 192.168.1.254
6342	51.164552548	Intel_f1:5f:72	NokiaShangha_dd:2b:30	ARP	42	192.168.1.9 is at 2c:7b:a0:f1:5f:72
6378	55.261370271	NokiaShangha_dd:2b:30	Intel_f1:5f:72	ARP	60	Who has 192.168.1.9? Tell 192.168.1.254
6379	55.261415590	Intel_f1:5f:72	NokiaShangha_dd:2b:30	ARP	42	192.168.1.9 is at 2c:7b:a0:f1:5f:72
6395	60.300800191	NokiaShangha_dd:2b:30	Intel_f1:5f:72	ARP	60	Who has 192.168.1.9? Tell 192.168.1.254
6396	60.300854283	Intel_f1:5f:72	NokiaShangha_dd:2b:30	ARP	42	192.168.1.9 is at 2c:7b:a0:f1:5f:72
6423	65.400804011	NokiaShangha_dd:2b:30	Intel_f1:5f:72	ARP	60	Who has 192.168.1.9? Tell 192.168.1.254
6424	65.400850617	Intel_f1:5f:72	NokiaShangha_dd:2b:30	ARP	42	192.168.1.9 is at 2c:7b:a0:f1:5f:72
12931	70.503803119	NokiaShangha_dd:2b:30	Intel_f1:5f:72	ARP	60	Who has 192.168.1.9? Tell 192.168.1.254
12932	70.503846035	Intel_f1:5f:72	NokiaShangha_dd:2b:30	ARP	42	192.168.1.9 is at 2c:7b:a0:f1:5f:72
18882	74.076240370	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.102
18883	74.094956831	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.108
18884	74.124104458	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.97
18885	74.145278681	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.103
18886	74.166116271	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.123
18887	74.189216059	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.97
18888	74.213472406	Intel_f1:5f:72	Broadcast	ARP	42	Who has 192.168.1.16? Tell 10.0.0.100

```
▶ Frame 18883: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface   0000  ff ff ff ff ff ff 2c 7b  a0 f1 5f 72 08 06 00 01   ······,{ ··_r···
▶ Ethernet II, Src: Intel_f1:5f:72 (2c:7b:a0:f1:5f:72), Dst: Broadcast (ff:ff:ff:ff:ff  0010  08 00 06 04 00 01 2c 7b  a0 f1 5f 72 0a 00 00 6c   ······,{ ··_r··l
▶ Address Resolution Protocol (request)                                                 0020  00 00 00 00 00 00 c0 a8  01 10                     ········ ··
```

3. Assembling it i got: flag{addr3ss_res0lv3d_bu7_n0t_issues}