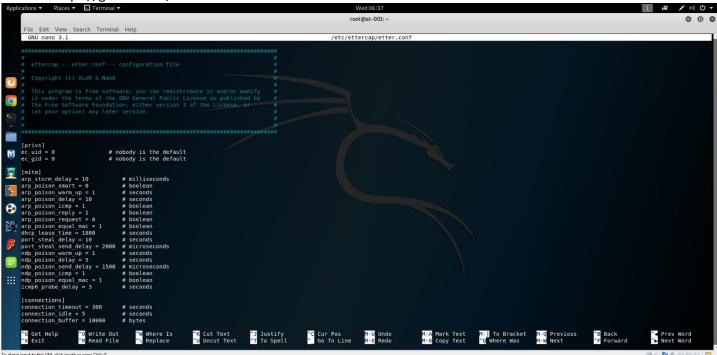
Ettercap & Setoolkit

- Overview about the practical
 - ➤ Here, we will clone a site(HTTP OR HTTPs) as a attacker and then spoof the DNS of the victim so when the victim will search or try to go on the domain he will be having our clone site same as the original page and user will enter it's credentials and we will get it and by this user will login into its page without getting any idea that he had been attacked by MITM [Man in the Middle].
- * Requirement to perform the attack
 - ✓ Setoolkit for Cloning the web page
 - ✓ Ettercap For performing DNS Spoofing and MITM [Man in the middle] attack
- Note: -
- This all the task is done within a local network with eth0 or ethernet interface
- To perform this task outside the network in real world, try to do port forwarding
- Here, we had done this all thing in our same network within the VMs
- All the screenshot will be above the summary of the attack



- ❖ First edit the etter.conf which will be getting located in the "/etc/ettercap/etter.conf" by nano command and change the value of "ec_uid" & "ec_gid" = 0
 - ➤ Command: nano /etc/Ettercap/etter.conf

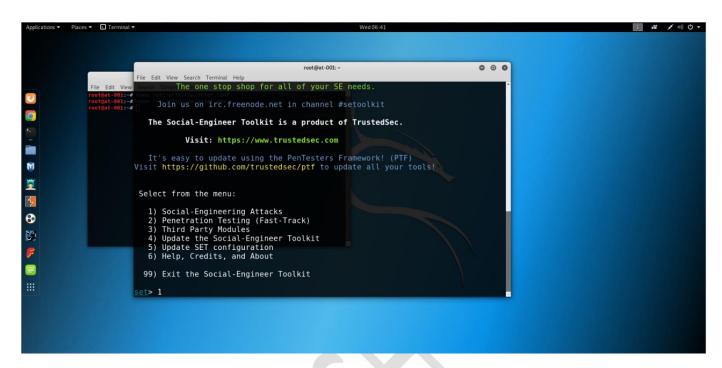


Now, scroll down and search for iptables and there will be this two-lines which is high-lighted in the image change it do it as shown in the screenshot above and close it by pressing ctrl+x and input "y" for saving and then again hit enter.

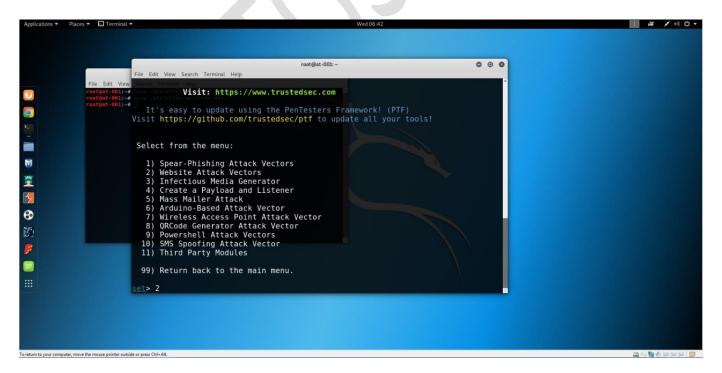


Now, change the configuration of the "etter.dns" and search there you will be finding "Microsoft.com" domain name and some ip in that same line now edit it with the domain name which you want to spoof and your ip, make this changes to all the three line or same in below two line. As you can see it in the screenshot above how I had done it now close and save it as said before

Setoolkit



Now, open a new terminal and type "setoolkit" and hit enter and you will see something like above in the screenshot and then select the "1" option for social-Engineering Attacks and hit enter



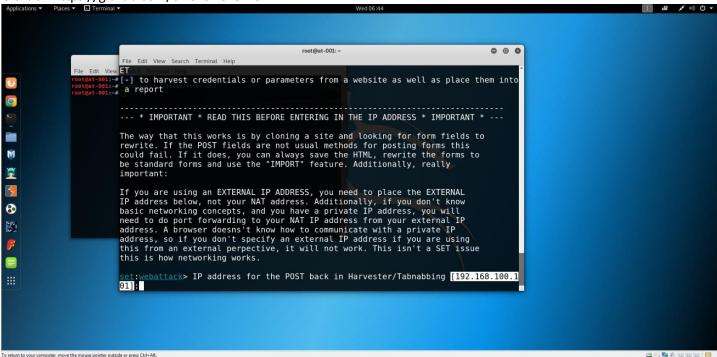
❖ Now, select "2" option for "Website Attack Vectors" and hit enter



Now, select "3" for "Credential Harvester Attack Method" and hit enter



Now, select "2" option for "Site Cloner" and hit enter



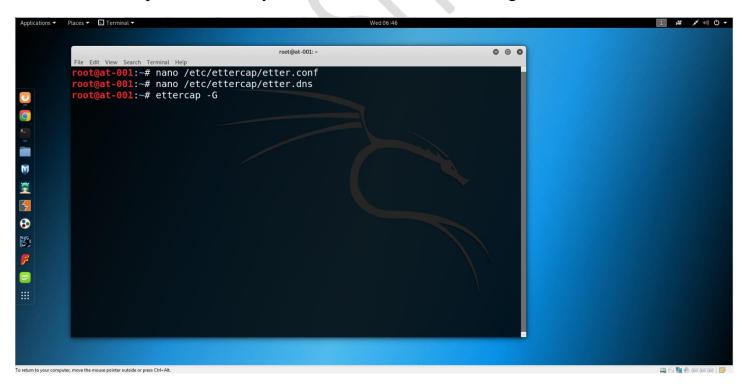
Now, here I had high-lighted my local IP but in your case it will be different check it, if it is right then hit enter or else manually type and hit enter



Now, here is the main thing you have to give the URLs of the site for making the clone



❖ Now, here press enter and you are done with setoolkit configuration



Now, minimize that terminal and open a new terminal or previous terminal where we had done Ettercap configuration, and type "Ettercap -G" in the terminal for Graphical Interface



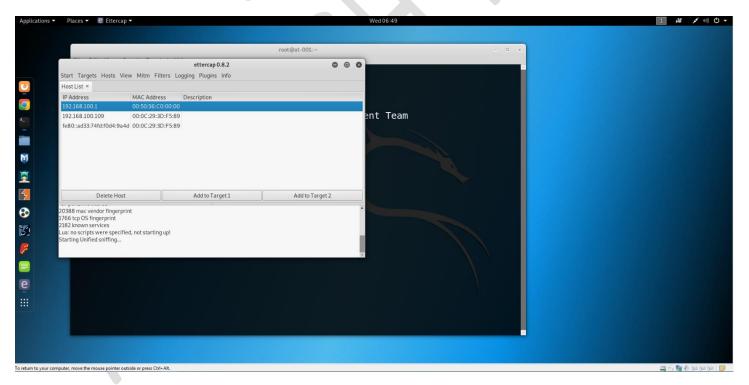
❖ Now, select "Sniff" and in that "Unified Sniffing"



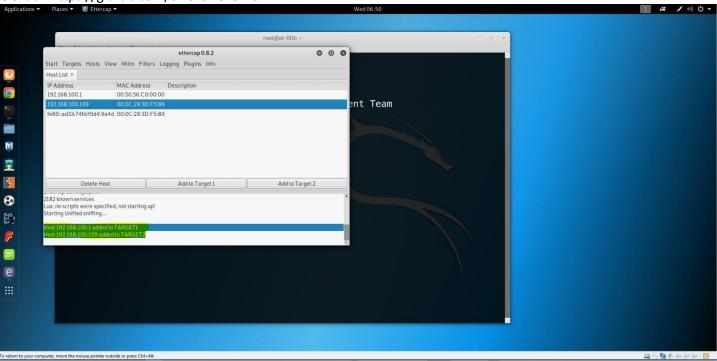
❖ Now, we have to select the interface of the network in my case it is eth0 and click ok



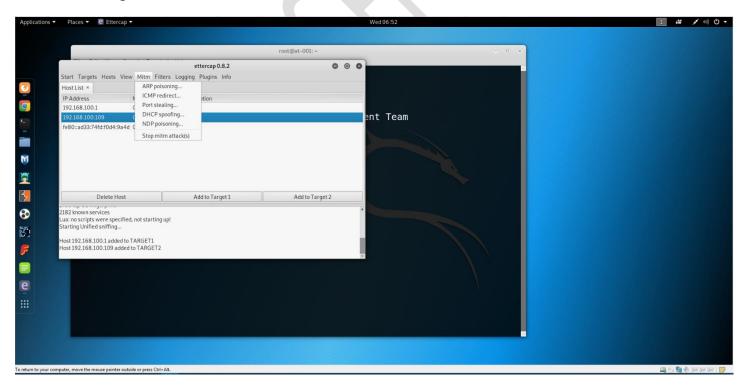
Now, click on "Hosts" option and then click on "Scan for Hosts"



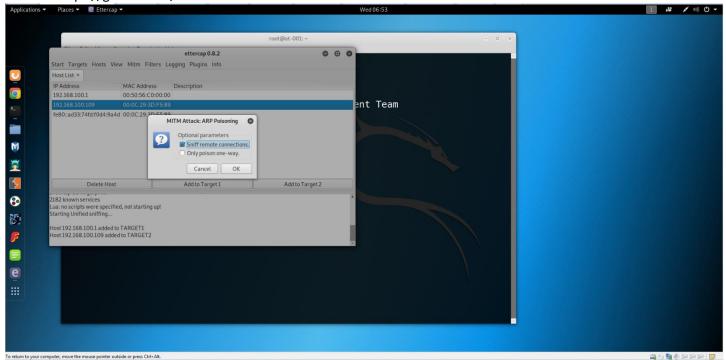
- Now, check for your default gateway IP and Your Target IP and add it as
 - ✓ Target 1 as Default Gateway IP
 - ✓ Target 2 as Victim Machine IP



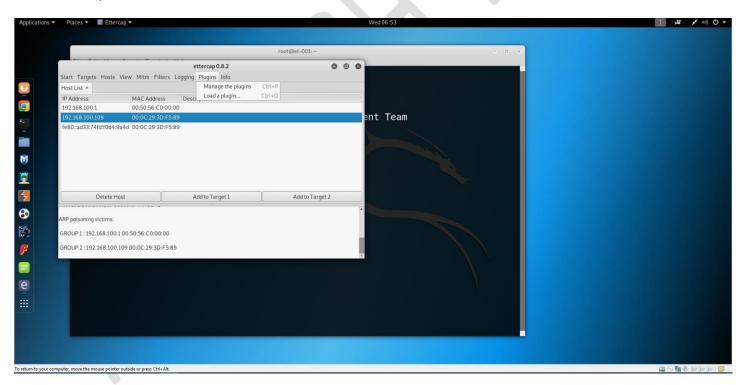
❖ Here, I had High-Lighted it with yellow colour in the bottom on the screenshot showing that the target is selected



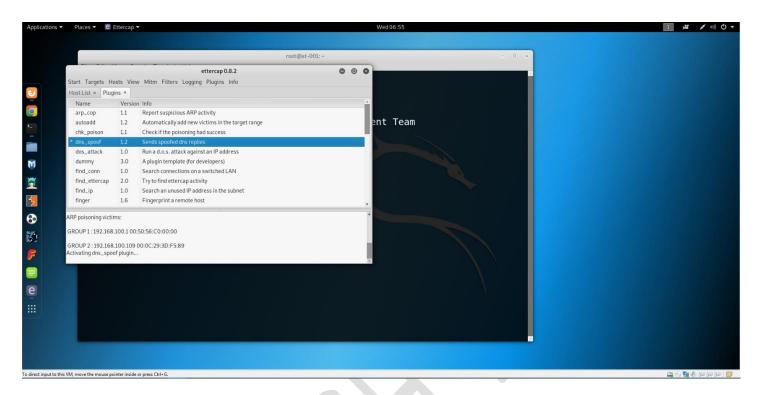
Now, select "Mitm" and select there "ARP Poisoning"



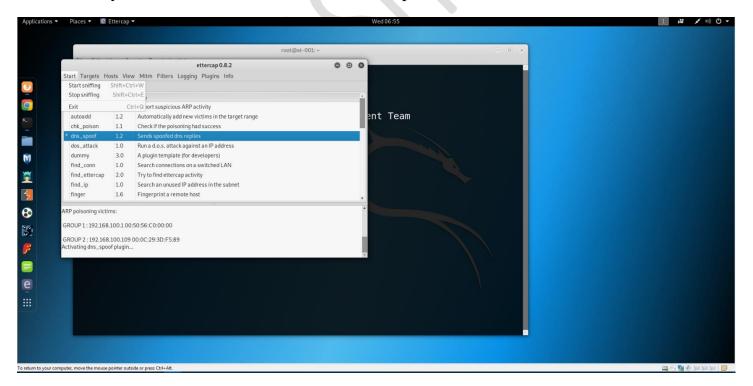
Now, click on "Sniff remote connections." And click on "ok"



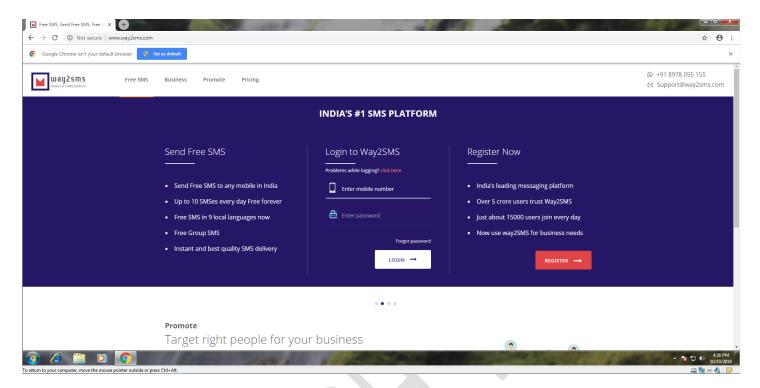
❖ Now, select on "Plugins" option and in that "Manage the plugins"



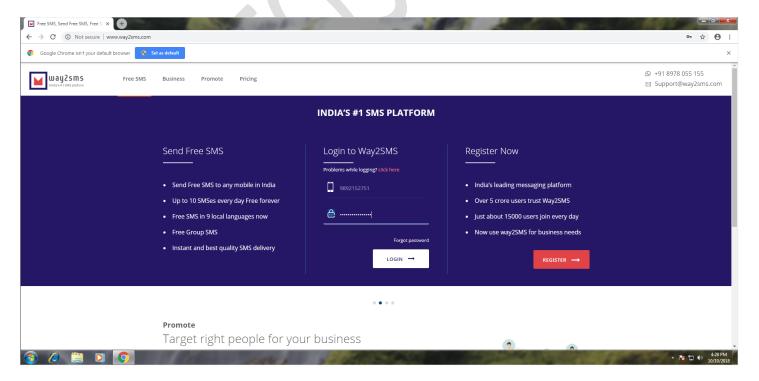
❖ Here, you have to Double-Click on the dns_spoof to activate it.



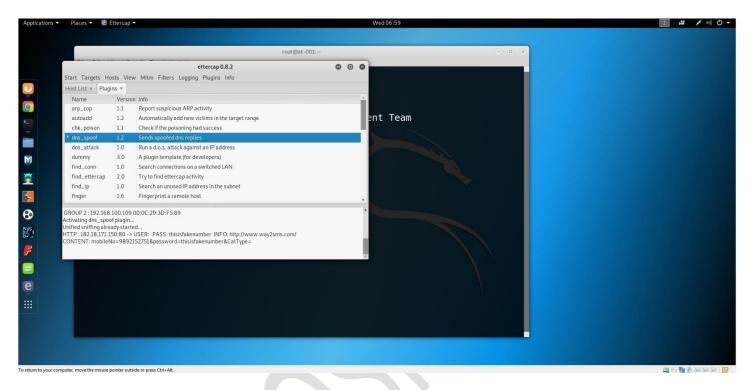
Now, click on the option "Start" in that "Start Sniffing" to the sniffing and yes this was the last step, now wait and watch, when victim will visit that Domain and enter its credential and we will get it in Ettercap if that site is SSL then also it will be working



Now, victim is on the domain http://www.way2sms.com and the domain is also showing the same as original which will be not possible with only setoolkit because it show the IP of the attacker and other details



❖ Now, time to enter some fake credential and hit enter and credential will be right the user will be automatically get login into its account



❖ Finally, We got the credential in the bottom of the Ettercap application as we can see in the above screenshot