Network Security Laboratory Session 7

PHISHING ATTACK – VPN

Phishing

- The Phishing attack allow to clone a legitimate website

- Used with DNS Spoofing this attack allow the attacker to stole precious data from the victim (like email and password)

- Victim will se a website that is quite identical to the real one and will not be able to see the difference

Virtual Private Network (VPN)

► VPN extends the concept of private network across internet

► It can be established using an encrypted layered tunneling protocol

► Data inside the tunnel will be encrypted

► The tunnel is established in a point2point connection between an host and a VPN Server

► Outside the tunnel the data is transferred normally

Exercises

- Try to replicate a Phishing attack cloning the facebook webiste

- Create a VPN server and VPN client connection between two host connected to the same network

- For both the exercises you can
  1. use the GNS3 laboratory OR
  2. work with a collegue and configure a server and a client using 2 PCs connected to the same hotspot (your phone)