

**WELCOME**

# PRESENTATION ON **ETHICAL HACKING**



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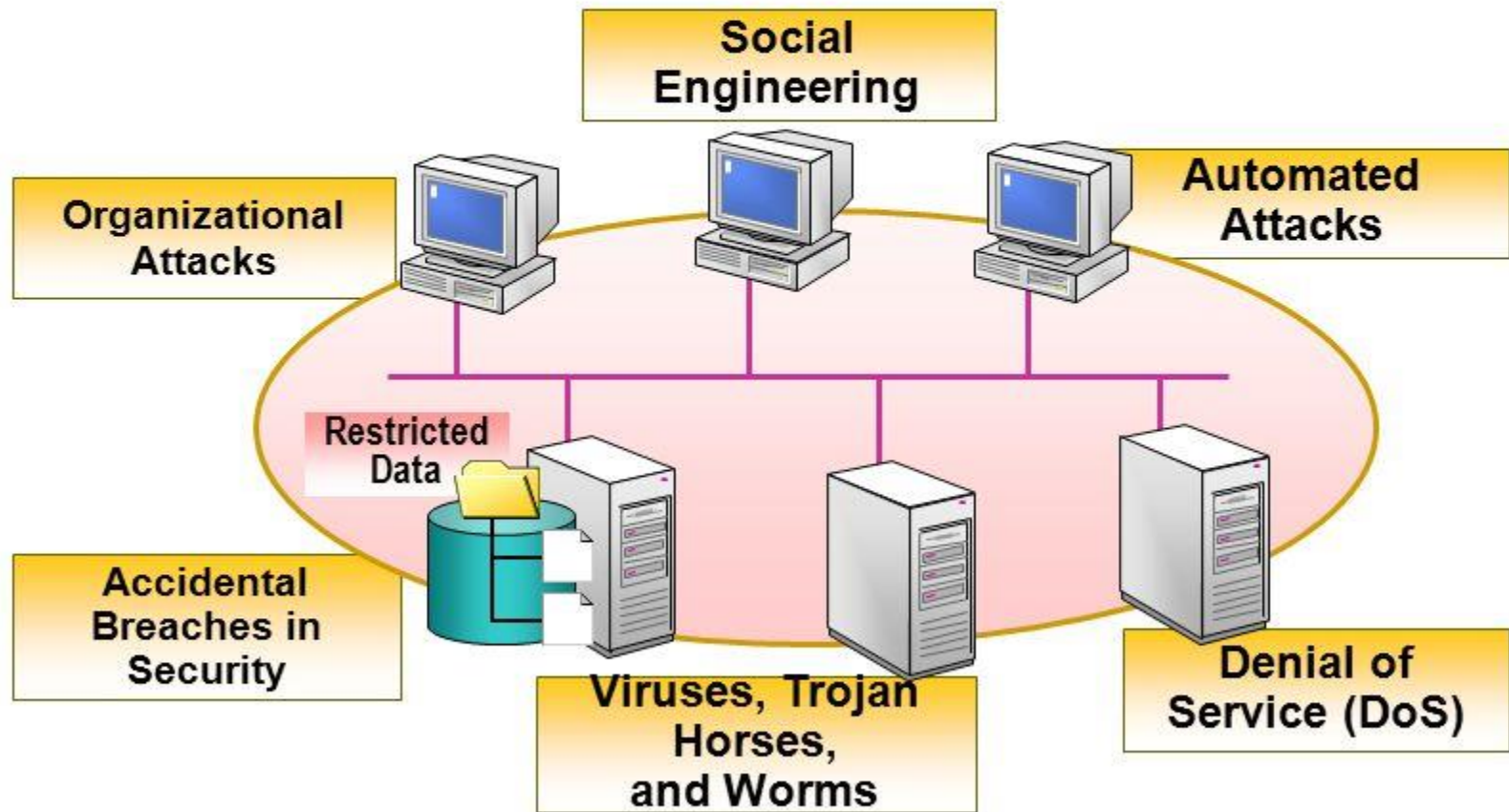
# What is Ethical hacking?

- It is a method developed by third parties (Hackers) to discover the Vulnerabilities existing in the system.
- Neither disturb the Target system Nor steal the Information.
- By the Growth of internet, nowadays a security must be needed in the fields where the computers are used more.
- The purpose of ethical hacking is to evaluate the security of a network or system's infrastructure.



# Why Do We Need Ethical Hacking

## Protection from possible External Attacks





# Types of Hacker

## ➤ White Hat Hacker

- Good guys
- Don't use their skill for illegal purpose
- Computer security experts and help to protect from Black Hats.



## ➤ Black Hat Hacker

- Bad guys
- Use their skill maliciously for personal gain
- Hack banks, steal credit cards and deface websites



## ➤ Grey Hat Hacker

- It is a combination of White hat n Black Hat Hackers
- Goal of grey hat hackers is to provide national security



# Hacking Process



# Some Tools

## Footprinting

- Who is, ping
- Traceroot, nslookup

## Scanning

- nmap
- nessus

## Enumeration

- Netcat, tcpdump
- Telnet, firewalk

# Some Famous Hacker



**Ian Murphy**



**Kevin Mitnick**



**Johan Helsinguis**



**Linus Torvald**



**Mark Abene**



**Robert Morris**



# Recent news of Hacking

- Next generation patch management tool released- **Secunia CSI 7.0**
- Anonymity tool TOR gains more than 1.2 million users since **NSA PRISM Scandal**
- Fear of **NSA PRISM** : Indian Government may ban US email services for official Communication
- CISCO vulnerability allows remote attacker to take control of Windows System
- New York Times, Twitter and Huffington Post Domains hijacked by Syrian Electronic Army
- **FBI uses Anonymous Hackers to attack foreign Governments**
- Palestinian Hacker , who hacked Zuckerberg's Facebook Account to be awarded with **\$12000**

When solving problems, dig  
at the roots instead of just  
hacking at the leaves.

Thank You