

# Cyber Security

Class no 03 (Lab class 2, Arabi Sir)

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Topic:

1. MITRE ATT\*ACK Framework
2. Cyber kill chain

<https://exposed.lol/> → Check for, is your email address on international black market?



<https://haveibeenpwned.com/> → someone has been controlled or compromised

## # Enhanced Incident Detection with thread intelligent

### #Miter attack

- MITRE Atta\*ck → step by step procedure
  - Miter atta\*ck base on: 4 step
    - **Adversary** : The framework tracks their methods, such as how they gain access, move within networks, and steal data, to help organizations defend against these threats
    - **Threat models**: gaining access, exploiting vulnerabilities
    - Techniques ,300+ technique
    - Mitigating tactics → age thik kora kon path e agabo →18 technique
  - Attacker er perspective e miter attack banano hoy
  - Three matrix:
    - Enterprise attack
    - Pre attack
    - Mobile attack
  - One password list and one username list: **brute force** check user and password
  - <https://mitre-attack.github.io/attack-navigator/> -- scanning ip for find vulnerability
  - <https://attack.mitre.org/> →matrices →ICS→View on the ATT&CK® Navigator →
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- sudo -i → for root
  - nmap → use for find ip details
  - nmap - help → find help for specific attribute

- netdiscover -i eth0 → for find all pc which connect with eth0 net
  - nmap -sC -sV -Pn -A target-ipaddress → Scanning IP blocks
- <https://web-check.as93.net/> → to find website vulnerability (best web site)
- load balancer— 100jn heat korle sobaik 10 second kore dewa,load balancer jei server idle oitak onno serverk dey
- tinyurl.com/junivgift03 → gift
- malware is a software or program
- Zero-day Exploit – recently discover vulnerability
- C2 (Command and Control)

#### #Need to basic for Cyber Security

- Networking
- System
  - Administration
  - Hardware
- Software development

#### #Job sector

- Vendors
- Banks
- Financial orgs → tk bsi,bank bade onno financial orgs
- Others

#### #certificates

- <https://www.isc2.org/certifications/cissp> --> most demandable certificate in usa/Europe  
→ odit certificate
- <https://www.comptia.org/>
- <https://www.offsec.com/> → oscp certificate best. best from all course
- <https://mile2.com/>
- <https://www.eccouncil.org/> ceh certification need for beginners
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