**DAY-11**

**1.**Enter correct domain names

**2.** ‘www’ infront of domain.com

**3.** If the target domain’s firewall has a policy where if the firewall has detected some vulnerability scanner requests. It is going to block that IP address for a certain amount of time

Use VPN (Virtual Private Network)

🡪To hide IP address and location

🡪used vpn

Installation of proton vpn

**Gaining access phase:**

In this phase the ethical hacker will perform exploitation on the found vulnerabilities in order to gain authorised access.

**Maintaining access:**

In this phase the hacker is going to install some backdoors(malware) in order to maintain the command and control over the compromised system

**Malware:**

A malware is considered as a bad software where this software will damage the resources in your system.

Malware = Malicious Software

Few categories of malware:

1.Virus

A malware that damage installed programs with user interaction

2. Worm

A malware that damages installed programs without user interaction and can replicate itself

3. Spyware

A malware which will monitor each and every activity on the device it has been installed and reports the log activity to remote hacker

**Types of spyware:**

1. Web activity spyware

2. Audio spyware

3. Video spyware

4. Application spyware

5. Keyloggers

**Keyloggers:**

Keyloggers are used for legitimate purpose by organisation or company in order to monitor their employee activity

Keyloggers are used by parents to monitor their children

Keyloggers are used for malicious purposes by the hackers to steal sensitive data like credentials, otp, secret documents, private chats etc.

Keyloggers are of two categories:

1. Hardware keyloggers

2. Software keyloggers

One of the best and advanced key logger is **ardamax keylogger**