* Cyber attack –

1. **Malware attack (惡意軟件)**

**abbreviation of malicious software includes**

**viruses, worms, trojans, spyware and ransomeware.**

exploits (漏洞)

Viruses:

Code injects into application.

When run the application, it will execute.

Worms:

It always exists in network.

Worm find backdoors to go to an operating system.

DDOS (Distributed denial of service)

Trojans:

扮innocent program , app , email attachments.

Gain control of their service.

Ransomeware:

1. **Injection attack**

SQL injection:

Vulnerable application not able to prevent attackers send sql injection data to DB

Code injection:

Inject code into web application

OS command injection:

Use command vulnerability.

Exfiltrate(KNOW ALL) OS data and take over the OS.

Reference:

https://www.imperva.com/learn/application-security/cyber-security-threats/