



- Introduction
- Need of Cyber security
- What is cyber crime?
- What cyber crime includes?
- Major security problems and solutions
- Advantages of Cyber security
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Introduction

- The word cyber relates to Information Technology,the internet and virtual reality
- The term Cyber Security is that the security offered through online services to protect online information

Need of Cyber security

- It helps in securing data from threats like data theft and misuse
- It safeguards computer from viruses
- It secures from cyber crime
- To protect systems, computers, and data from attack, damage and/or unauthorized access.

What is cyber crime?

- CyberCrime is criminal activity that either targets or uses a computer, a computer network or a networked device.
- Cybercrime may threaten a person, company or a nation's security and financial health.

Major security problems

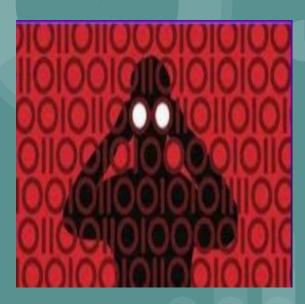
- Virus
- Hacker
- Malware
- Trojan horses
- Password craking

Virus

- A computer virus is a computer program that when executed replicates itself by modifying other computer programs and inserting it's own code.
- It is loaded onto computer without our knowledge and runs against our wishes.
- Solution: install a security suite that protects the computer against threats.

Hacking

- In hacking a hacker breaks into the computer, usually by gaining access to administrative control.
- Solution: Don't access personal or financial data with public WiFi, use a password,lockcode or encryption.



Malware



- Malware is a collective name for a number of malicious software varients including viruses, ransomware and spyware
- Solution :download an anti malware program, donot download from unknown sources.

Trojan horses

- Trojan horses are email viruses that can duplicate themselves, steal information, or harm the computer system.
- These viruses are the most serious threats to computers.
- Solution: Security suites like avast internet security will prevent you from downloading Trojan horses, do not click on unknown links.

Password craking

- Password attacks are attacks by hackers that are able to determine passwords or find passwords to different protected electronic areas and social network sites.
- Solution: use always strong password, never use same password for two different sites.

Advantages of Cyber security

- Protects personal info.
- Protects productivity.
- Gives privacy to users.
- It will defend from viruses and hacks.
- Customer protection.

Conclusion

'Cyber security is our responsibility'

- Computer security
 attempts to ensure the
 confidentiality, integrity
 and availability of
 computer system and their
 components.
- The computer security is a continuous battle
- Its need of time to spread awareness of Cyber security

Sources

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Thank you