

Cyber Security

Action against cyber crime



WHAT IS CYBER SECURITY ?

- Cyber security standards which enable organizations to practice safe security techniques to minimize the number of successful cyber security attacks.
- Cyber security refers to the technologies and data from unauthorized access, vulnerabilities and attacks delivered via the Internet by cyber criminals.
- Though, cyber security is important for network, data and application security.

WHAT IS ... ?

- ❑ Communication security-protecting organization communication media , technology , and content.
- ❑ Network security-is the protection of networking components , connection , and content.
- ❑ Information security-protection of information and its critical elements , including the systems and hardware that use , store or transmit that information.

WHAT IS CYBER CRIME ?

- ▶ The former descriptions were “computer crime” ,
”crime by computer”.With the pervasion of digital technology,some
new terms like “high-technology”or “information-age” crime were
added to the definition. Also , Internet brought other new terms ,
like
“cybercrime” and “net”crime.
- Other forms include “digital” , “electronic” , “virtual” , “IT”,
“high-tech” and “technology-enabled” crime.

HISTORY

- ❑ The first recorded cyber crime was recorded in the year 1820.
- ❑ The first spam email took place in 1978 when it was sent over the Arpanet.
- ❑ The first Virus was installed on an Apple Computer in 1982.



CYBER CRIMES INCLUDES

- ❑ Illegal Access
- ❑ Illegal Interception
- ❑ System Interface
- ❑ Data Interference
- ❑ Misuse of devices
- ❑ Fraud

WHY SHOULD WE CARE ?

- It is criminal activity committed on the Internet.
- Cyber crime-Where computer is either a tool or target or both.

HOW CAN WE PROTECT ?

- ▶ Read Privacy policy carefully when you submit the data through internet.
- ▶ Encryption: lots of website uses SSL(secure socket layer)to encrypt a data.
- ▶ Disable remote connectivity

ADVANTAGE OF CYBER SECURITY



- ▶ It will defend from hacks and virus.
- ▶ The application of cyber security used in our PC need update every week.
- ▶ The security developer will update their database every week once. Hence the new virus also deleted.

CONCLUSION

- ▶ The only system which is truly secure is one which is switched off and unplugged.
- ▶ So, only way to be safe is Pay attention and Act smart.