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CI 102

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Safety

1. Computer worms do not need human action to spread
2. Rogue Security Software is an anti-virus program.
3. Yes.
4. Do not try to unsubscribe from spam emails. Create a free web-based email account for filling out online forms or making purchases online.
5. Black hat hackers would be the most dangerous because they hack into computers for their own personal gain, to steal, and to damage a computer; some of the most dangerous black-hats can be undetected for years (Brandt, 2001). The White hats “ethical hackers” are hired to hack into computers to let the administrator know that the computer is vulnerable (Wiles, 2008). The Gray hats are a combination of the White and Black hats, they break in to let the administrator know that they have been hacked and they may not have permission to do so.
6. Credit and debit card theft is a fraud-related cyber-crime. Unsolicited email is a non-fraud-related cyber-crime. Fraud-related cyber-crimes steal or trick you into giving out information—such as credit/debit card information—that the criminal can use. Non-fraud-related cyber-crimes are committed when the criminal hacks into a person’s information without being fraudulent.

7. It uses social skills to generate human interaction to entice individuals to reveal sensitive information, and it usually does not use a computer or face to face interaction.
8. Phishing uses email to lure users to fake websites and tricks them into revealing private data.
9. Botnets are zombie computers they are run by Bot herders and criminal gangs who send out viruses or worms (Spam, DOS, DDOS).
10. Firewalls are software programs or hardware designed to close computers to invaders.

Bibliography

Brandt, A. (2001, April 2). Hacker speak. In *PCWorld*. Retrieved September 16, 2011

Wiles, G. (2008, January 7). 'White hat' hackers in demand. In *USA today*. Retrieved September 16, 2011