

- 1) Viruses and spyware both infect a host computer by being (usually accidentally) downloaded. How is a computer virus different from spyware?
Viruses are designed to destroy files and cause a computer to malfunction in some way. Spyware is software that acts like a server. Once installed, a knowledgeable client can request and receive information from the infected host.
- 2) A botnet is a group of computers all controlled for a common objective, possibly by an infection in the system, used cooperatively to process and/or send information in mass amounts (DDoS, distributed computing).
- 3) An attack which attempts to make network resources unavailable to legitimate users by flooding a system with illegitimate traffic is called a Denial of Service (DoS) attack.
- 4) If a botnet or another large group of hosts is used to execute this attack it is called a Distributed Denial of Service (DDoS) attack
- 5) What is “packet sniffing”?
An attacker gets access to communication hardware at some point in the route from a packet’s source to its destination. By intercepting a packet and deconstructing it, the attacker can find out source/destination information, and can inspect the actual data message.
- 6) What is “IP spoofing”?
Sending information into the network with false “Sender IP” information.