



Network Security

Class X
lab 25





Sniffing



monitoring and capturing
all the packets passing
through a given network
using sniffing tools



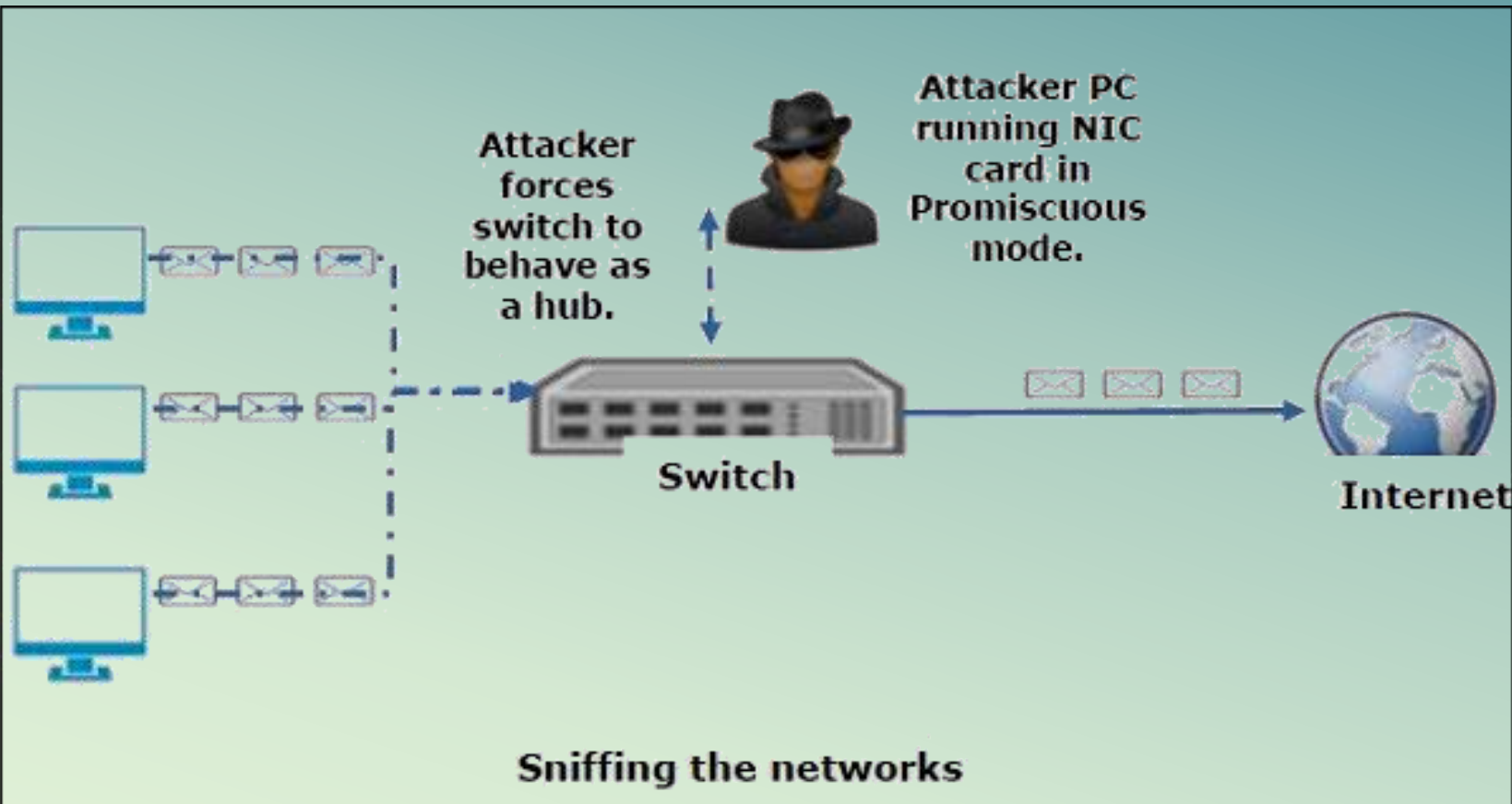
What can be sniffed?

- Email traffic
- FTP passwords
- Web traffics
- Telnet passwords
- Router configuration
- Chat sessions
- DNS traffic





How Sniffing works?



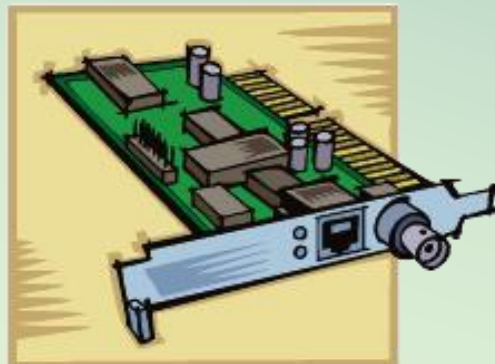
A sniffer normally turns the NIC of the system to the promiscuous mode so that it listens to all the data transmitted on its segment



Types of Sniffing

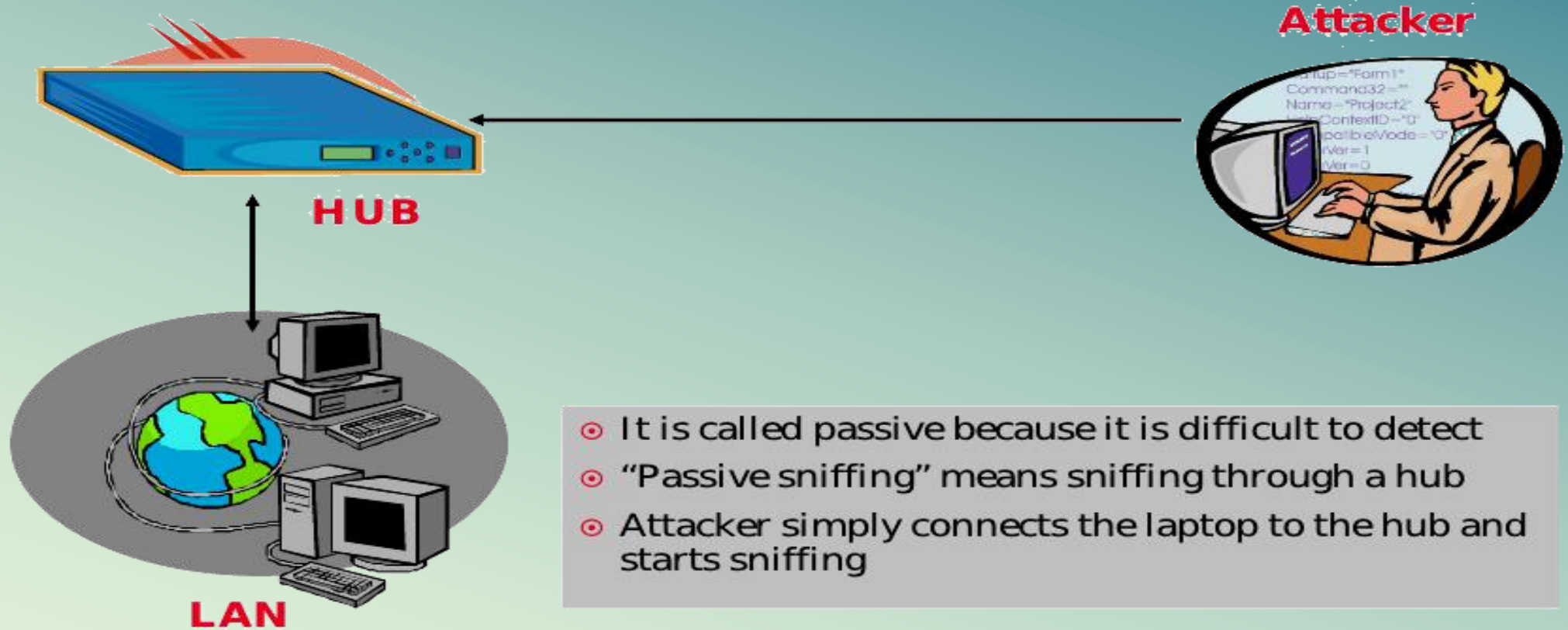
◉ There are two types of sniffing

- **Passive sniffing**
 - Sniffing through a Hub
- **Active sniffing**
 - Sniffing through a Switch

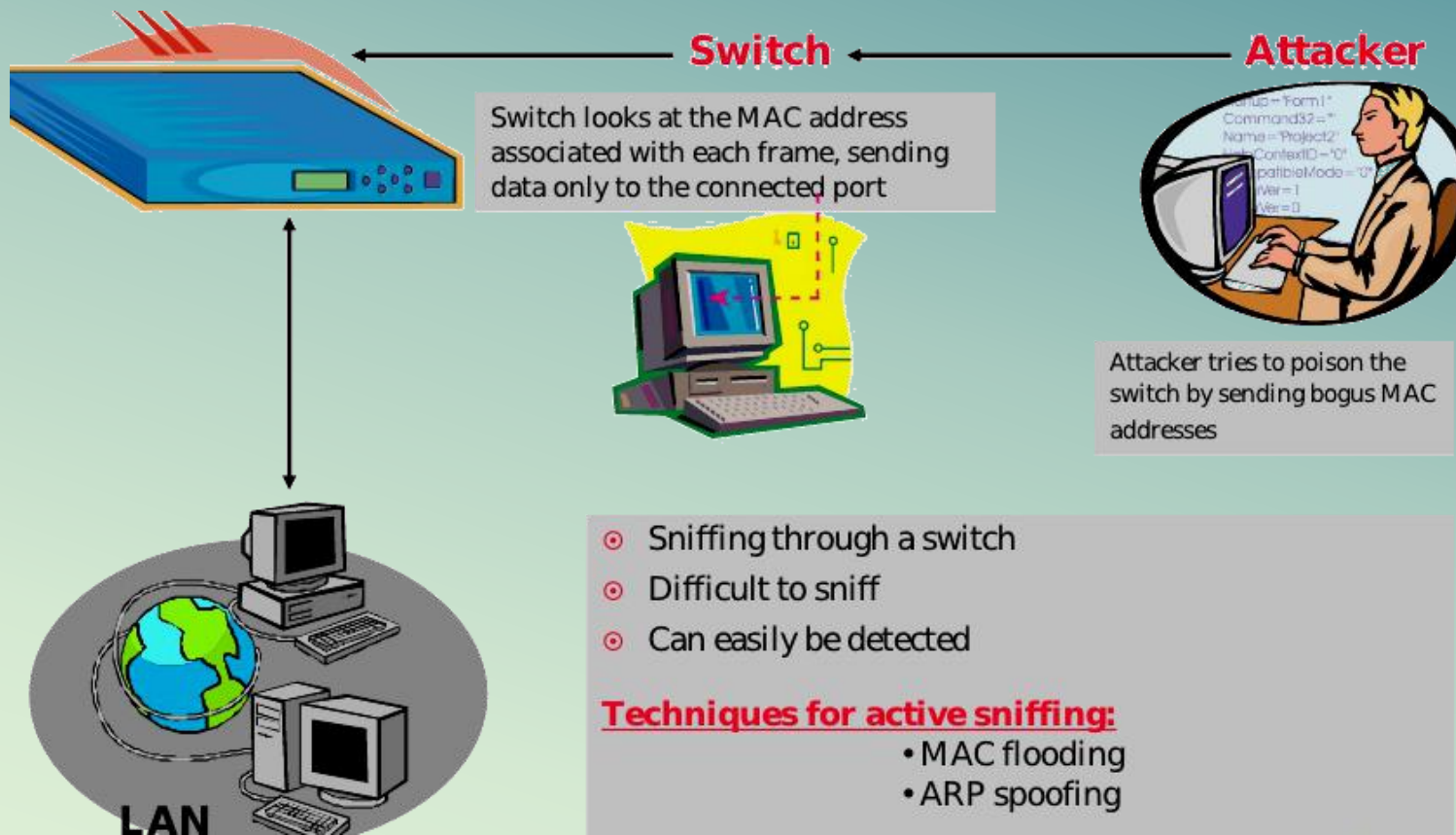




Passive Sniffing



Active Sniffing





Thank You

