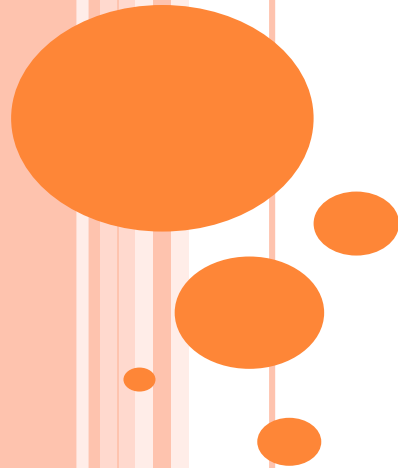# 48730, 32548 - CYBER SECURITY & ESSENTIALS

LAB 6: TCP/IP BASED ATTACKS CONTINUED…

Outline:

1 TCP RST Attacks on Telnet connections
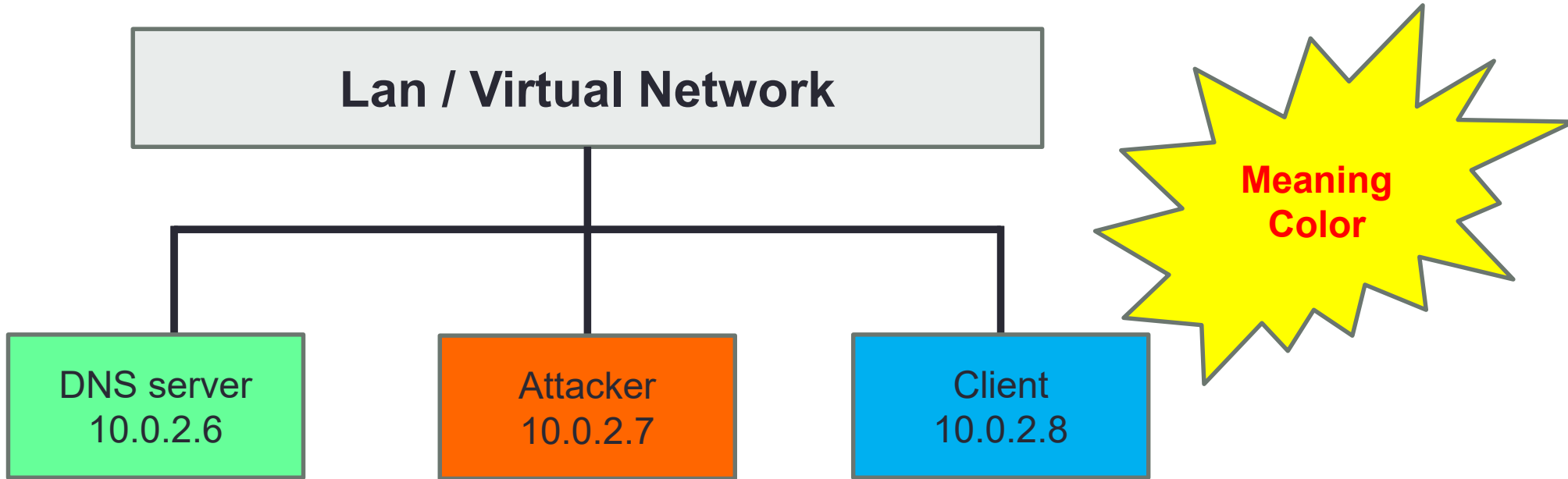
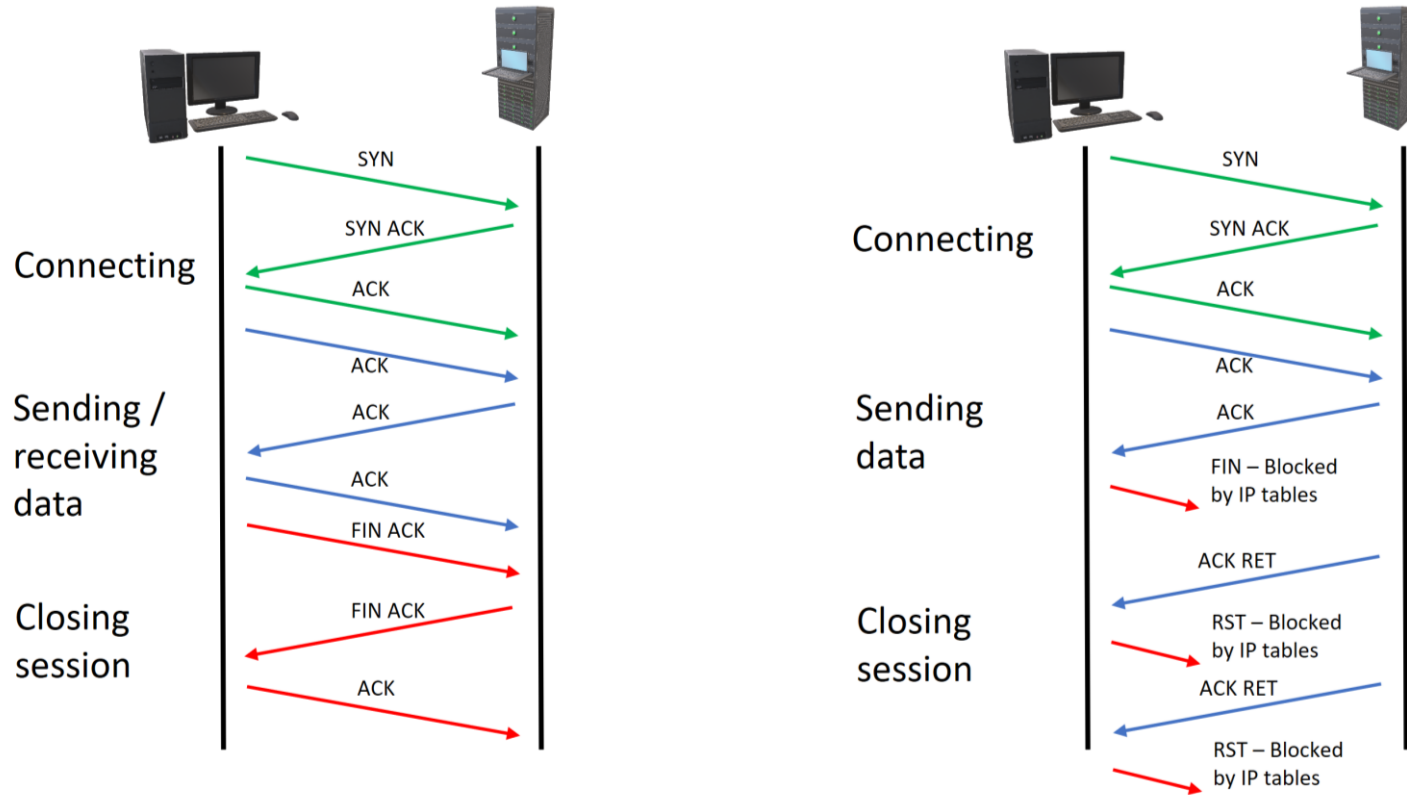**2** ICMP blind reset and source quench

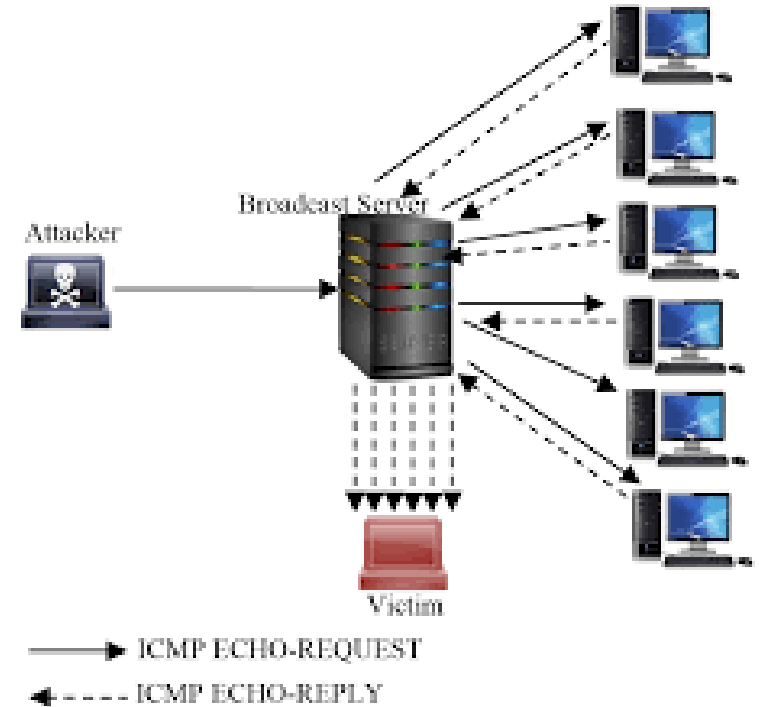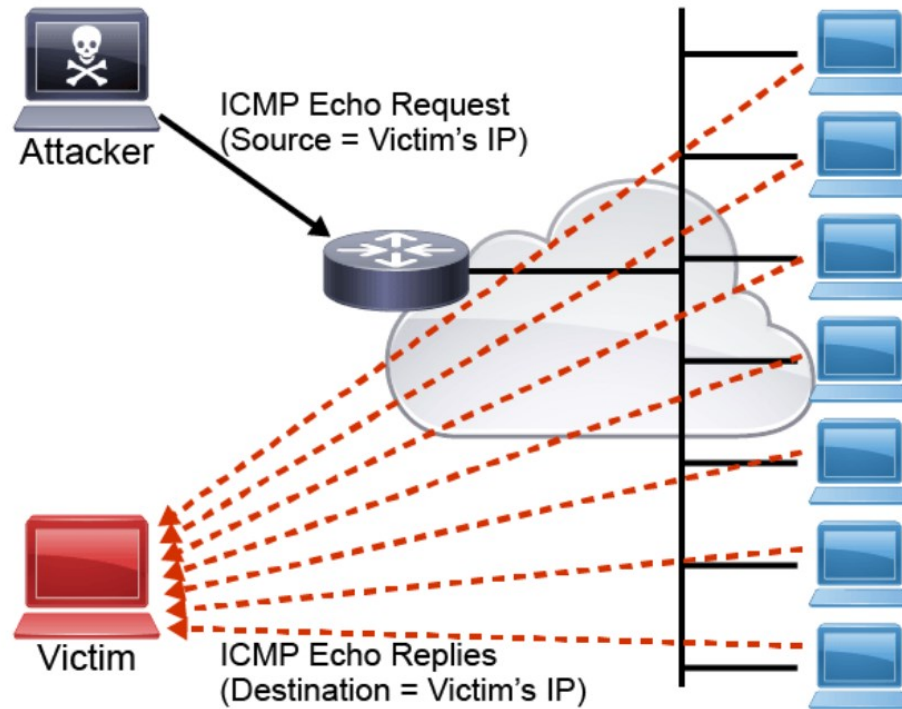**3** TCP session hijacking attacks

Our network design

Lan / Virtual Network

DNS server
10.0.2.6

Attacker
10.0.2.7

Client
10.0.2.8

Meaning
Color

1. TCP RST Attacks on Telnet connections [1]

[1] Dr. Priyadarsi Nanda – Lecture notes (Week 6)

2. ICMP blind reset [1]

[1] Dr. Priyadarsi Nanda – Lecture notes (Week 6)

2. ICMP source quench [3]

- ## Error-reporting message

source-quench message			

ICMP header	Type=4	Code=0	Checksum
	Rest of Header=unused (all zero)		
Data	IP header and first 8 bytes of original datagram's data		

Source-quench

Router

85%

[2] https://www.slideshare.net/tungyuanlee/chap2-ipv4arpicmp

3. TCP session hijacking attacks [3]

[3] https://www.youtube.com/watch?v=EwyqeAuaWAQ
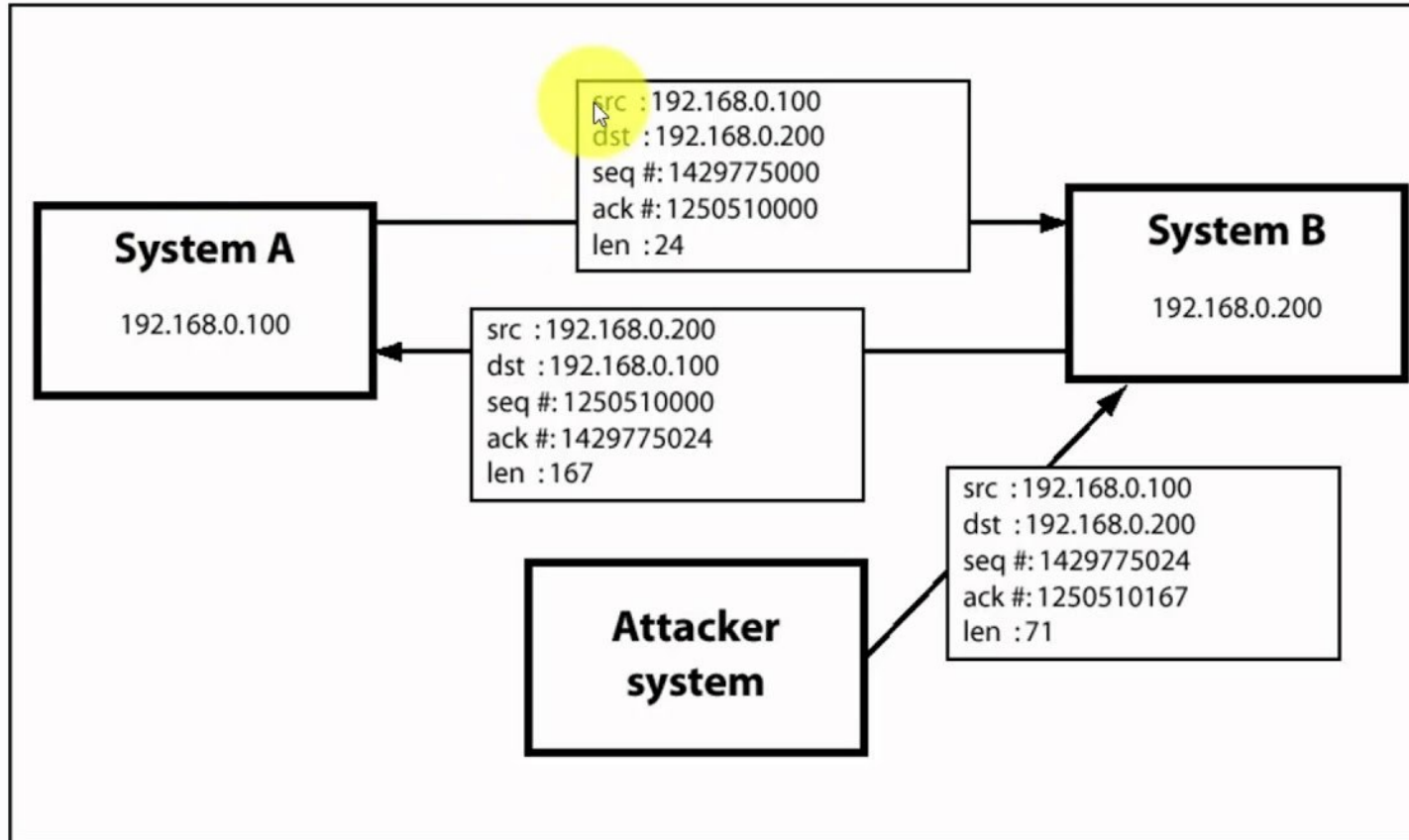
THANK YOU!

Question & Answer