Lab9 - Guideline

Topics
A. Wireshark
B. Network Inspection Tools

A. *Wireshark*

Packet capturing and protocols analysis with Wireshark
- ARP and Ethernet protocols
- IPv4 and IPv6 protocols
- ICMP protocol
       Ping and tracert
- DNS protocol
       nslookup
       UDP protocol + ports
- HTTP and FTP protocols
       TCP protocol and triple handshaking +ports
- Wireshark statistics

B. *Network Inspection Tools*

PRTG Network Monitor
https://www.paessler.com/prtg

SolarWinds Network Topology Mapper
http://www.solarwinds.com/network-topology-mapper.aspx
- Automatically discovers and diagrams network topology
- Inventory management for hardware and software assets

LANState
http://www.10-strike.com/download.shtml
- Network Mapping and Monitoring Program
- Bandwidth Monitor and Bandwidth Monitor Agent
    i. Network Bandwidth Monitoring Program

Network & PC Inventory Software
http://www.spiceworks.com/free-pc-network-inventory-software/

Total Network Monitor + Network Inventory + Software Deployments
http://www.softinventive.com/

Codima All-in-One Toolbox
http://www.codimatech.com/

AngryIPScanner
http://angryip.org/download