

Systems Security

Exercise 4

Network Scanning

1. Search the network in the lab and find working computers. Use the following programs:
 - *ping*
 - *pinger*
 - *NetScan* (only tab *NetScanner*)
 - *WS PingPack Pro* (only tab *Scan*)
2. Scan ports of your own computer and find out what services it provides. Use the following programs:
 - *NetScan* (only tab *PortProbe*)
 - *SuperScan*
 - *Fscan*
3. Choose two machines from the set determined in point 1. Scan their ports to learn what services they provide. Use programs mentioned in point 2.

During the exercise everyone must prepare a report, describing all the performed activities and obtained information. Indicate which programs you have used and with what parameters/options. Attach 2 most interesting screenshots. In the report you should mention failures, too. Reasons of a failure should be explained.

The report must be stored in a location given by the teacher **before leaving** the classroom.