

Exercises

1. Check yourself with the following system commands, and indicate what tasks they can be used for:
 - a. ping
 - b. tracecert / traceroute
 - c. netstat

2. Give practical examples of use and syntax of the above commands, for Windows and Linux,
3. Based on the website addresses provided in the "Addresses_to_check.pdf" file, check the following information:
 - a. what IP address is assigned to the given domain names,
 - b. which domains have expired or their IP addresses are not available,
 - c. for active domains, specify who owns them and when they are valid,
 - d. for existing addresses, check how many hops from your local network are needed to reach the goal,

4. Check in your local network what parameters your network card has:
 - a. IP address,
 - b. network mask,
 - c. router address,
 - d. domain name,
 - e. the address of the nearest DNS server

5. Examine the route packets take from your computer to the selected website.
6. Check what services are running on your computer and what their status is,
7. Specify the Linux command syntax for the queries in the "NETSTAT.pdf" file