Communication Networks

Spring 2023

Playing with network tools

Organisational points

Time to solve tasks
Important network tools

- *Is a destination reachable?* ping
- *What is the path to the dst?* traceroute
- *What is the IP of a domain?* dig
- *What packets does a device send?* Wireshark
The Time-To-Live (TTL) decreases by 1 per hop
traceroute finds the path
thanks to expiring TTLs
traceroute’s method has some “problems”

- non-answering devices
- different fwd/bwd paths
- multiple possible parallel paths
The source address is the address of the bwd interface
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Register on Element/Matrix
→ use the instructions

Let us know if you want to keep project grades from last year
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