LAB5-2023SPRING-KARENNTAYY [SSH: LOC...

- hub
- hub-reference
- hub-reference.32
- lab5_00_report.pdf
- lab5_00_screenshots.pdf
- C main.c
- M Makefile
- three_nodes_bw.py
- tutorial.pdf
- writeups.md
- ∨ 01-switching
  - › example
  - › include
  - › scripts
  - C broadcast.c
  - broadcast.o
  - C device_internal.c
  - device_internal.o
  - hub-reference
  - hub-reference.32
  - lab5_01_report.pdf
  - C mac.c
  - mac.o   M

> OUTLINE
> TIMELINE

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
*** Ping: testing ping reachability
b1 -> X X X
h1 -> b1 h2 X
h2 -> b1 h1 X
h3 -> b1 h1 h2
*** Results: 41% dropped (7/12 received)
mininet> h1 ping h2
PING 10.0.0.2 (10.0.0.2) 56(84) bytes of data.
64 bytes from 10.0.0.2: icmp_seq=1 ttl=64 time=0.108 ms
64 bytes from 10.0.0.2: icmp_seq=2 ttl=64 time=0.099 ms
64 bytes from 10.0.0.2: icmp_seq=3 ttl=64 time=0.207 ms
64 bytes from 10.0.0.2: icmp_seq=4 ttl=64 time=0.115 ms
64 bytes from 10.0.0.2: icmp_seq=5 ttl=64 time=0.211 ms
64 bytes from 10.0.0.2: icmp_seq=6 ttl=64 time=0.226 ms
^C
--- 10.0.0.2 ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5102ms
rtt min/avg/max/mdev = 0.099/0.161/0.226/0.054 ms
mininet> h1 ping -c 5 h3
PING 10.0.0.3 (10.0.0.3) 56(84) bytes of data.
64 bytes from 10.0.0.3: icmp_seq=1 ttl=64 time=0.204 ms
64 bytes from 10.0.0.3: icmp_seq=2 ttl=64 time=0.198 ms
64 bytes from 10.0.0.3: icmp_seq=3 ttl=64 time=0.222 ms
64 bytes from 10.0.0.3: icmp_seq=4 ttl=64 time=0.219 ms
64 bytes from 10.0.0.3: icmp_seq=5 ttl=64 time=0.138 ms

--- 10.0.0.3 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4081ms
rtt min/avg/max/mdev = 0.138/0.196/0.222/0.030 ms
mininet> pingall
*** Ping: testing ping reachability
b1 -> X X X
h1 -> b1 h2 h3
h2 -> b1 h1 h3
h3 -> b1 h1 h2
*** Results: 25% dropped (9/12 received)
```