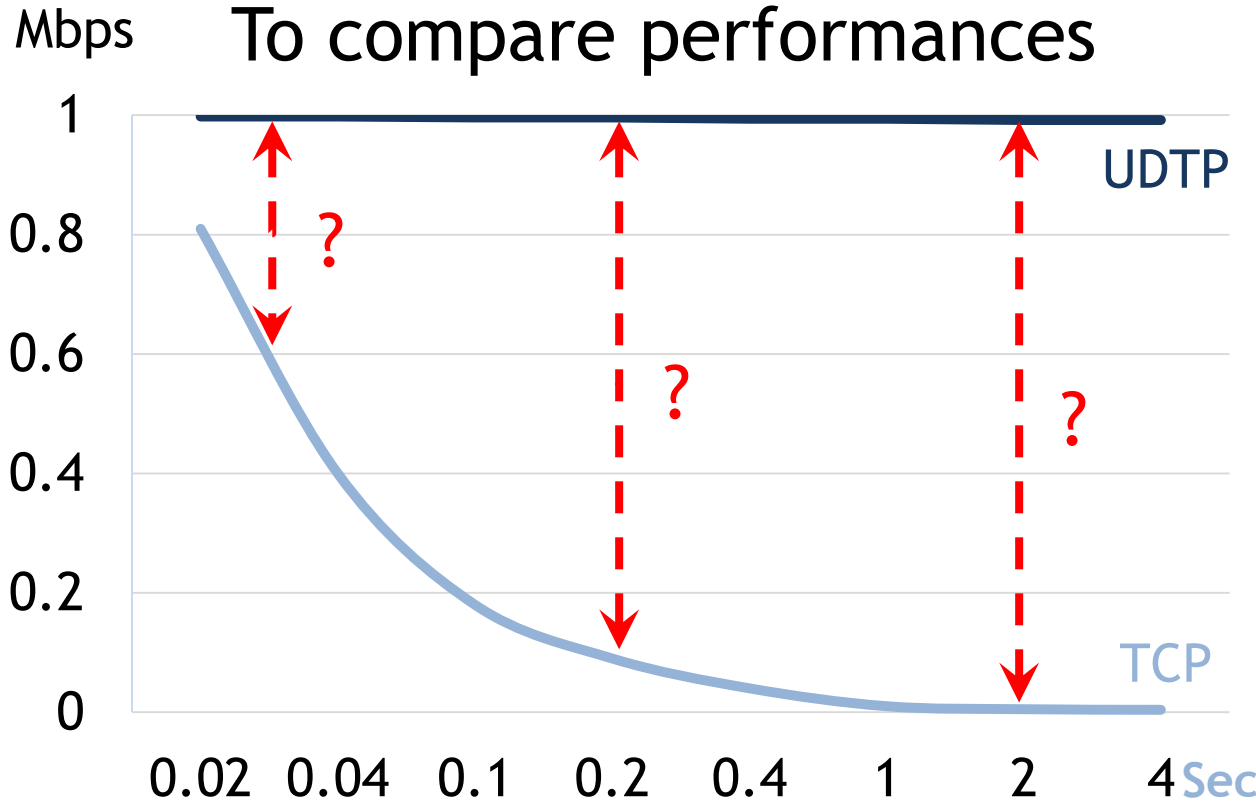
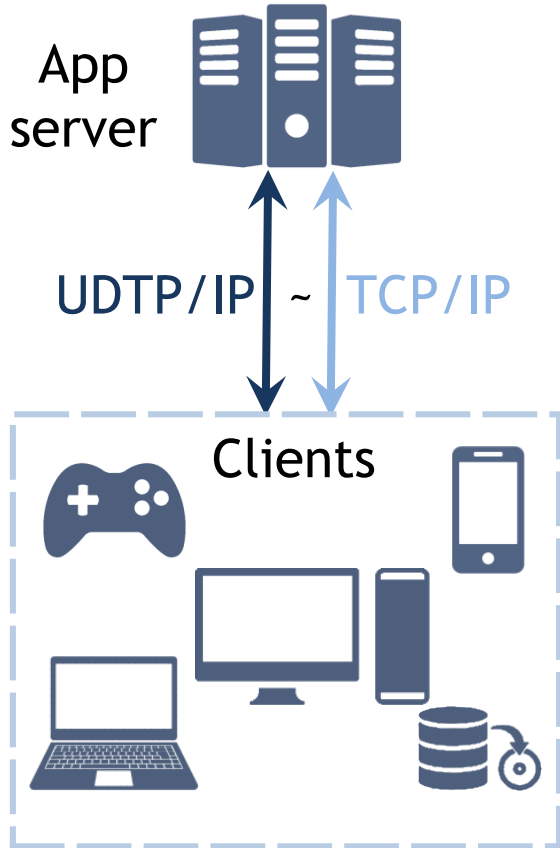


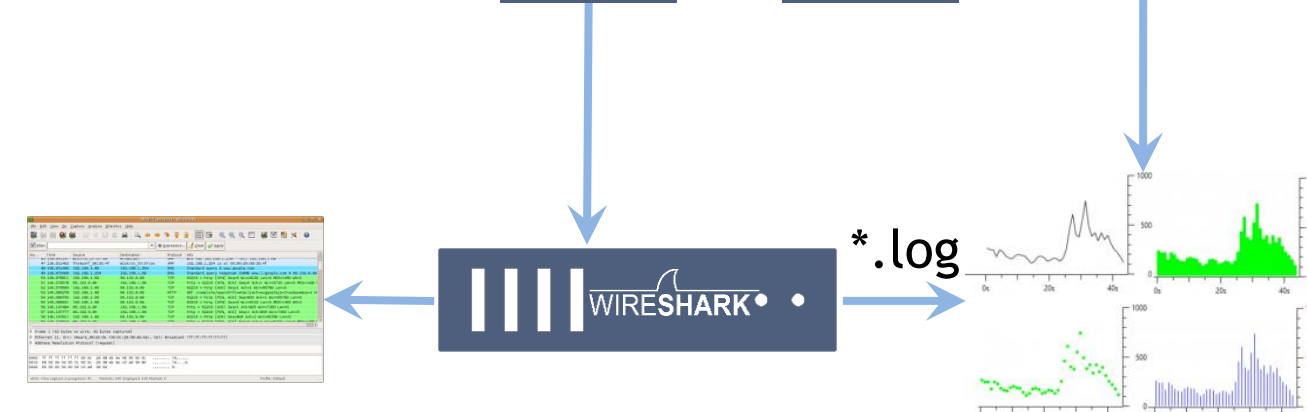
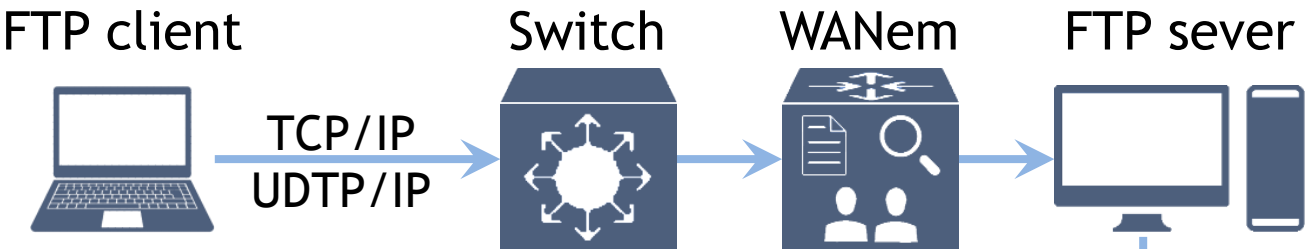
IPX17

Test result

Test objectives



In-house testbed



Tests:

- 1000 files by 10KB
- 100 files by 1MB
- 10 files by 100MB
- 1 file of 10GB
- RTT (ms):
1, 25, 50, 75, 100,
150, 200, 250
- Packet loss (%):
0.001, 0.01, 0.1, 1

Traffic analysis Traffic analyzer

Post processing

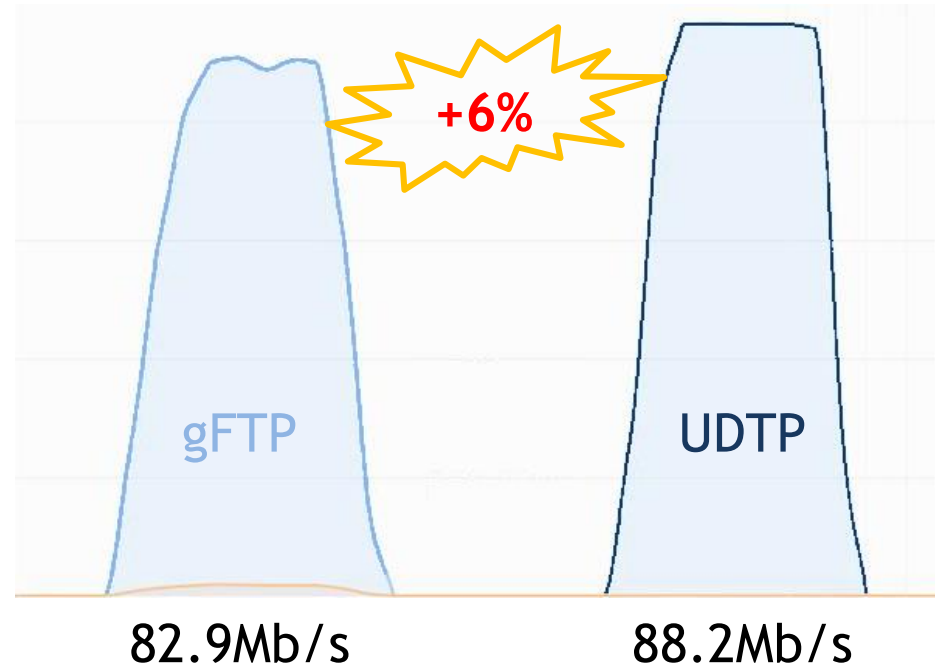
In-house test result

gFTP vs. UDTP

Specification

- UDTP: 0.2.2
- FTP: gFTP (NitroShare 0.3.0)
- openSUSE Leap 42.1
- Cisco 2950 switch
- Test file: 15.8MB
- Ping: 0.17ms (ping1, ping2 files)
- RTT (ms): 0
- Packet loss (%): 0

Data transfer rate



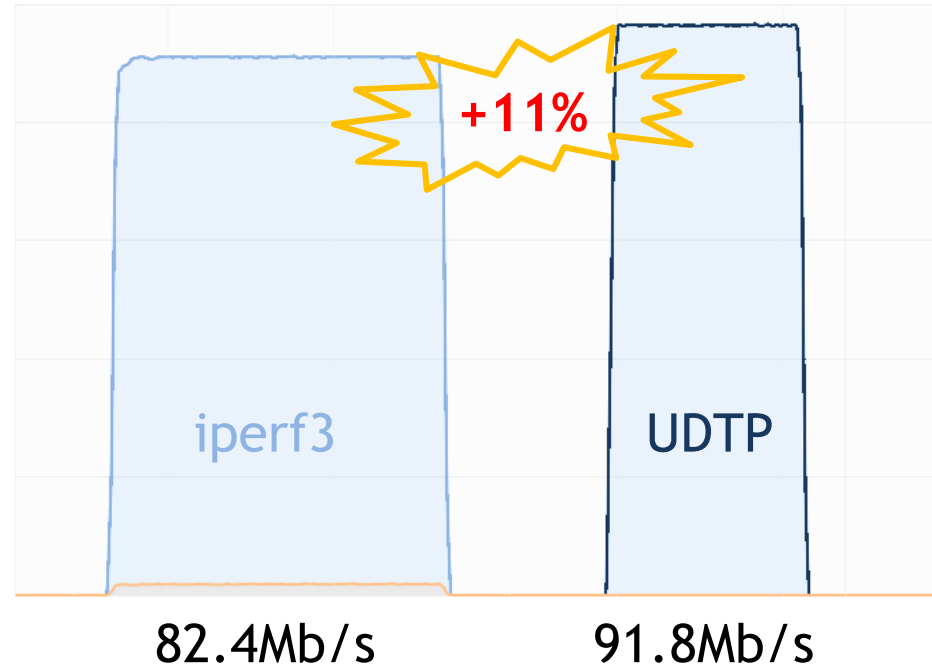
In-house test result

iperf3 vs. UDTP

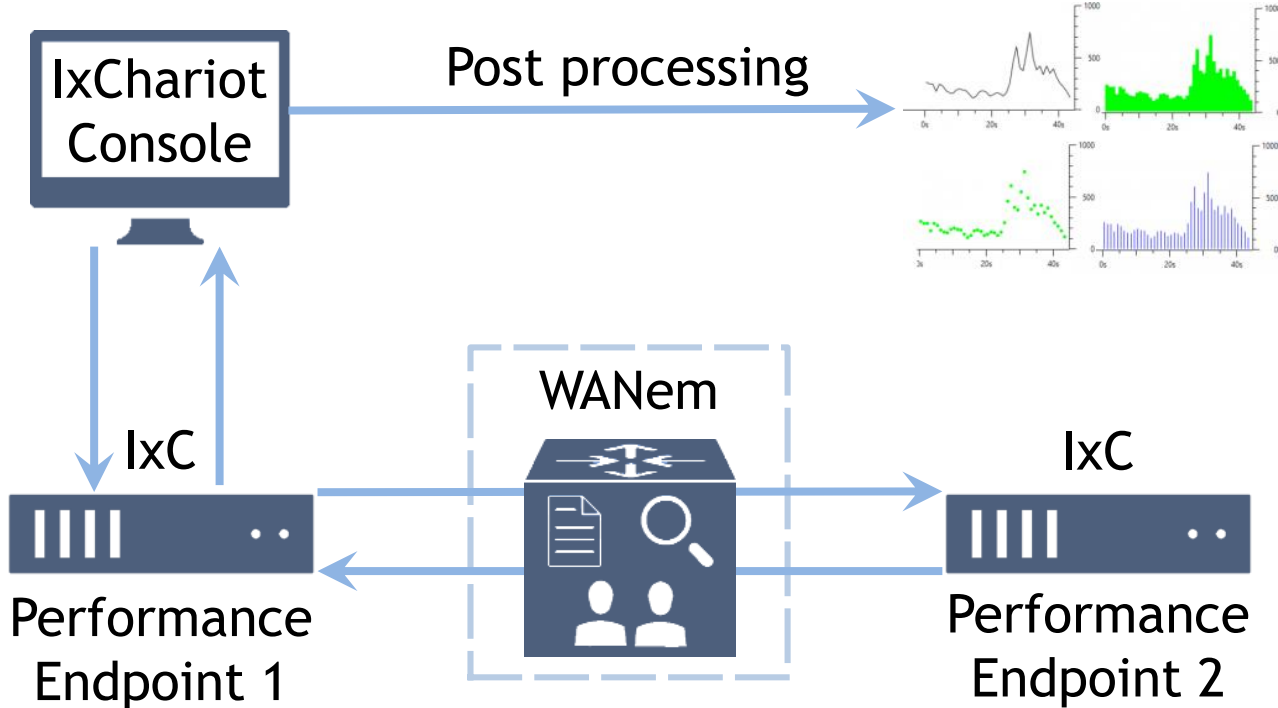
Specification

- UDTP: 0.2.4
- iperf3: traffic
- openSUSE Leap 42.1
- Cisco 2950 switch
- Ping: 0.12ms
- RTT (ms): 0
- Packet loss (%): 0

Data transfer rate



External testbed



Tests:

- 1000 files by 10KB
- 100 files by 1MB
- 10 files by 100MB
- 1 file of 10GB
- RTT (ms):
1, 25, 50, 75, 100,
150, 200, 250,
500, 1000
- Packet loss (%):
0.001, 0.01, 0.1, 1