File   Views   Analysis   ments/Uni/CN/CN-Lab/6-Simulation-and-analysis-of-TCP-flow-control-and-TCP-congestion-

◀◀   ◀   ■   ▶   ▶▶   0.000000   **Step: 2.0ms**

File   Views   Analysis   l-Lab/6-Simulation-and-analysis-of-TCP-flow-control-and-TCP-cc

◀◀   ◀   ■   ▶   ▶▶   0.000000   **Step: 2.0ms**

```
➜ TCP-flow awk -f exp6_analysis.awk trace1.tr
**********HTTP***********
start time 0.358429
end time 3.332300
data 289920.000000
throughput 97489.097543
delay 2.973871
**********SMTP***********
start time 3.622562
end time 3.822312
data 8360.000000
throughput 41852.315394
delay 0.199750
**********FTP***********
start time 1.040960
end time 3.322140
data 207000.000000
throughput 90742.510455
delay 2.281180
Avg throughput 76694.641131
Avg delay 1.818267
➜ TCP-flow ns exp6_flow.tcl
 When configured, ns found the right version of tclsh in /usr/bin/tclsh8.6
but it doesn't seem to be there anymore, so ns will fall back on running the first tclsh in your path. The wrong v
ersion of tclsh may break the test suites. Reconfigure and rebuild ns if this is a problem.
running nam...
➜ TCP-flow
```

```
➜  Congestion-control awk -f exp6-cc-analysis.awk exp6-cc1-reno-.tcl
**********HTTP***********
Start time 0.000000
End time 0.000000
Data 0.000000
Throughput -nan
Delay 0.000000
➜  Congestion-control awk -f exp6-cc-analysis.awk exp6-cc2-newreno.tcl
**********HTTP***********
Start time 0.000000
End time 0.000000
Data 0.000000
Throughput -nan
Delay 0.000000
➜  Congestion-control awk -f exp6-cc-analysis.awk exp6-cc3-tahoe.tcl
**********HTTP***********
Start time 0.000000
End time 0.000000
Data 0.000000
Throughput -nan
Delay 0.000000
➜  Congestion-control awk -f exp6-cc-analysis.awk exp6-cc4-sack.tcl
**********HTTP***********
Start time 0.000000
End time 0.000000
Data 0.000000
Throughput -nan
Delay 0.000000
➜  Congestion-control awk -f exp6-cc-analysis.awk exp6-cc5-vegas.tcl
**********HTTP***********
Start time 0.000000
End time 0.000000
Data 0.000000
Throughput -nan
Delay 0.000000
➜  Congestion-control
```