

Assignment Network Simulation

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Exercise 1: Bandwidth restrictions on Kotnet

1. When we leave out the uploading connection, the throughput of the download connection is relatively constant. See figure 1. Sometimes a packet gets lost, decreasing the throughput. This is caused by full buffers, because the connection between the server and the router is slower than the server interconnection (4 Mbps vs 100 Mbps).

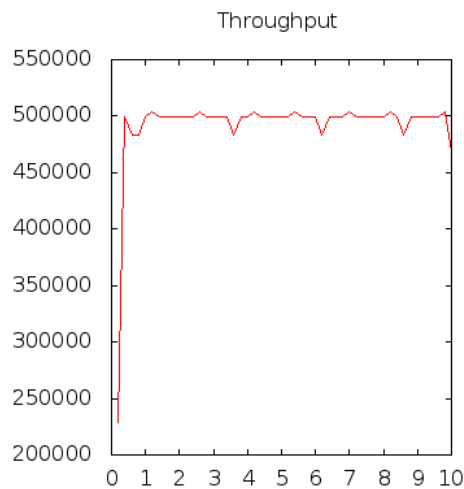


Figure 1: Throughput main FTP connection