

Computer Networks - Assignment 3

Jannis Kühl, Henri Heyden

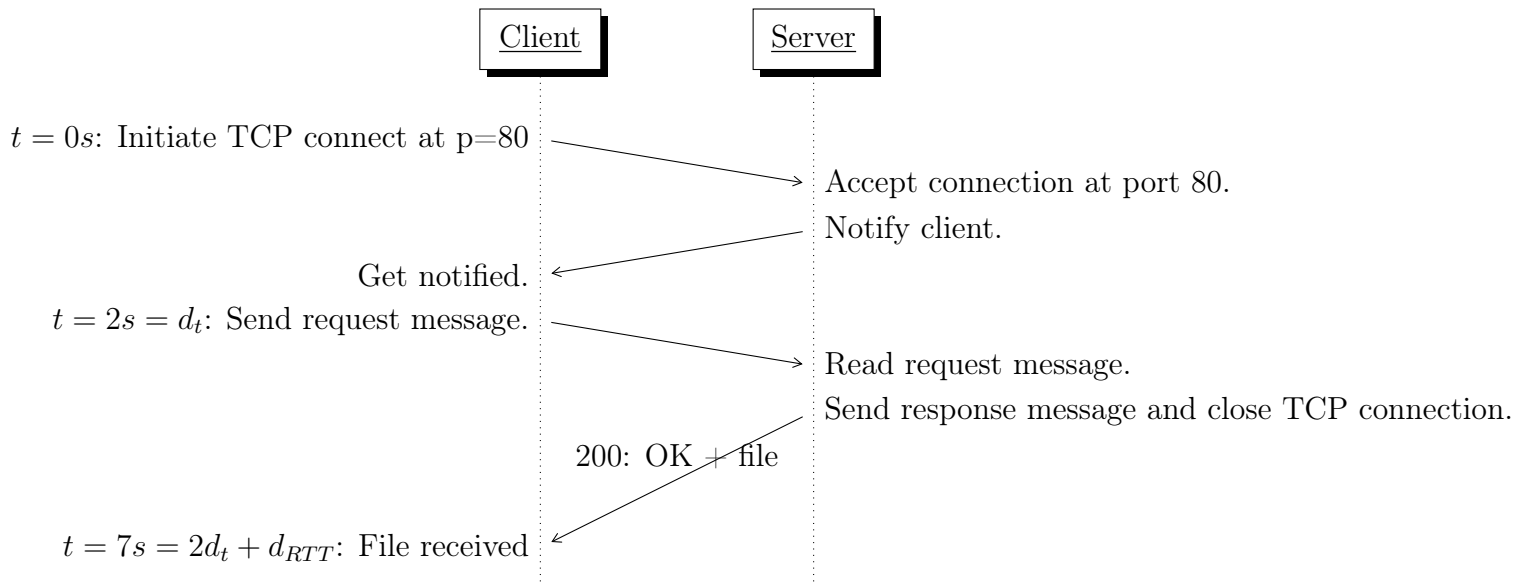
stu241399, stu240825

Task 2

a)

The following graphic should illustrate the delays for one HTTP v1.0 request. Here we will name the given delays with $d_t := 3s$ being the servers output transmission delay and $d_{RTT} := 2s$ being the RTT-delay.

As you can see I am not good with L^AT_EX...



b)

Since the process illustrated in **a)** will have to be done 100 times, since we're using HTTP v.1.0 and are restricted to only one active TCP connection per client, we can calculate the total time: $T = 100 \cdot t_1 = 700s$. Since we only want the time between the first request being transmitted and the last file arriving at the client, we'll subtract d_{RTT} one time and get the asked time which is 698 seconds.