The simulator was implemented in OMNeT++: http://www.omnetpp.org/

The main configuration file is omnetpp.ini:

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[General]

sim-time-limit = 10000s

*##########################################################################*

[Config Basic]

network = MultiServNet

*# nb servers:*

\*\*.M = 4

*# capacity per server*

\*\*.capacityPerServer = 60

\*\*.lambda1 = 10

\*\*.lambda2 = 20

\*\*.lambda3 = ${10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190}

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Thus, the number of servers, capacity per server, and lambdas can be changed. “${10, 20, …}” allows to vary the parameter lambda3 in this example.

The output files are “\*-results.txt”, and a gnuplot file result.p allows to create a graph file (eps/pdf).