Red Line – MM1K Simulation

Pink Line – MM1K Theoretical

Blue Line – MD1K Simulation

I pick waiting time as y-Axis data.

When the load is less than 1, the transmission speed of the router buffer is greater than the load of packages delivered per second. The waiting time increases linearly with load.

When the load is greater than 1, the package cannot be sent out in time because the amount of the package delivered is greater than the transmission speed. The number of waiting packages in the queue will increase significantly