

Result and findings

Data Transfer 10MB file vs 1GB file for varyinng concurrency



From the experiment, it is found that the throughput of file transfer from client to server in a TCP setup increase monotonically with concurrency. The value of throughput, however, does come to a saturation after certain level of concurrency. In our experiment, the value of throughput began saturating as the concurrency level reached 4. Thus, we can conclude from our experiment that, for an optimal file transfer, a concurrency of 4 should be maintained for the network under consideration.