

Abstract

Wireless network 802.11 offer service without wire, like voice, data communication, and multimedia services. At past just few are using internet wireless, but now it's use by many people.

Data service in wireless network use TCP as protocol transport. Initially TCP was designed for media cable, but at wireless network there are air interface which have unstable character. Variation of TCP made to yield the better performance from its predecessor. In this final project compared TCP Vegas and TCP Veno at wireless network with congestion window (CWND) (5, 10, 15, 20, 25, and 30) and packet size (512, 1024, and 2048). TCP's performance seen from throughput and delay.

Result shows that TCP Veno have better performance than TCP Vegas. TCP Veno have better throughput.