Abstract

In this paper, the comparison of performance of TCP over the wired cum wireless network using only ECN and only RED is done and then combine effect of both is observed with different version of TCP like Tahoe and Reno. The comparison is done on the basis of parameter throughput v/s number of nodes.

References

- S. Floyd and K. Fall, "Promoting the Use of End-to-End Congestion Control in the
- Robert R. Chodorek. &quot;A Simulation of ECN-Capable multicast Multimedia Delivery in NS-2 Environment. &quot; Department of Telecommunications. The AGH University of Technology al. Mickiewicza 30 30-059 Kraków Poland
- Ning Yang . &quot;Congestion-Aware Cross-Layer Design for Wireless Ad Hoc Networks&quot;.
- Braden, R, &quot;Recommendations on Queue Management and Congestion Avoidance in the Internet&quot;, RFC2309, April 1998

**Index Terms**

Computer Science  
Wireless

**Keywords**

Explicit Congestion Notification (ECN)  
Random early detection (RED)