Abstract

In this paper, we use three traffic generators namely exponential, Pareto and CBR (Constant Bit Rate) over an ad hoc network and analyze the behavior of routing protocols. Moreover, we take two parameters offered load and packet size which are important to determine the nature of ad hoc network routing protocols in the different traffic patterns. Further, simulation shows that there is an optimal value for which value of throughput and packet delivery ratio are optimal.

References

3. Thomas D. Dyer, Rajendra V. Boppana, A Comparison of TCP Performance over Three

Index Terms

Computer Science
Networks

Keywords
Different Traffic Patterns Over Ad Hoc Network Routing Protocols

Traffic Analysis, Pareto Traffic, Exponential Traffic, CBR traffic