Abstract

Researchers are working on securing MANETs by implementing more and more complex techniques like cryptography, digital signatures, hashing etc. These empirical techniques are highly effective in providing security but also have major influences over throughput, excellences of the system, sustain high cost and thereby degrade the Quality of Service (QoS). To improve the performance of MANETs in terms of end-to-end delay, throughput, least resource exploitation, least information loss etc. a different approach of deploying security in MANETs is required without sacrificing the QoS. In this paper, we have investigated the Quality of Service methods and protocols that various researchers have proposed and found protocols that provide good Quality of Service. The idea is to investigate further those protocols to provide security with less impact on QoS in near future.
Novel Strategies Practicing Quality of Service in MANETs


Index Terms

Computer Science

Networks
Keywords
Bandwidth estimation  Fault tolerance  Issues in MANET  QoS Metrics  Multipath routing