Abstract

VANET is a large scale adhoc networks that has several performance issues i.e. Quality of Services, Security, Dynamic Topology and Mobile environment etc. Researchers have developed various solutions for these issues but each has its own limitations. Issues related to QoS are most critical because end user suffers a lot due to low grade data transmission. Network performance also depends upon the behavior of the routing protocol. So there is need to develop a relationship between QoS, network performance and the behavior of routing protocols. In this paper, performance analysis of various routing protocols (AODV, DSR, GPSR, LAR and OLSR) has been analyzed to provide the QoS over VANETs.

References

2. J. Mun-Yee Lim, Yoong Choon Chang, Jonathan Loo, Mohamad Yusoff Aliah, "Improving
Performance Analysis of Ad hoc Routing Protocols over VANETs

Index Terms

Computer Science  Networks

Keywords

VANET, AODV, DSR, GPSR, LAR and OLSR, QoS