Abstract

VANET Security is gradually becoming an important aspect in as large numbers of servers are being deployed 1D and 2D scenario to provide seamless traffic flow in highway and urban areas. One of the most important and prominent attack in the VANET is Distributed Denial of Service (DDoS) attack and is being considered as one of the major threats to the security of divers. The proposed method helps in faster detection of DDoS attacks and its removal hence significantly decreasing malicious nodes in the traffic. The simulation results show removal of a DDoS attack.

References


11. Fabio Leccese, “Remote-Control System of High Efficiency and Intelligent Street Lighting Using a ZigBee Network of Devices and Sensors” IEEE TRANSACTIONS ON POWER DELIVERY, VOL. 28, NO. 1, JANUARY 2013


13. Mahmoud Hashem Eliza and Qiang Ni, Senior Member, IEEE “An Evolving Graph-Based Reliable Routing Scheme for VANETs”, IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, VOL. 62, NO. 4, MAY 2013


Index Terms

Computer Science
Security
Keywords

VANET, Statistical broadcast protocol, Topological broadcast protocol, DDoS, spatial.