An algorithm to Ensure the Availability of Communication Channel for Event Driven Messages in VANET

Abstract

Mobile ad hoc network (MANET) is a collection of mobile computers or devices that cooperatively communicate with each other without any pre-established infrastructures such as a centralized access point. There are several issues in VANET. One of them is congestion control. In case of increase in the number of beacon messages broadcasted by many vehicles, the communication channel will easily be congested. So, to overcome this problem we have proposed an algorithm that increases the availability of communication channel for emergency messages over the beacon messages.

References


9. Yu-Chih Wei12 and Yi-Ming Chen2 “Efficient Self-Organized Trust Management in Location Privacy Enhanced VANETs”


Index Terms

Computer Science

Wireless

Keywords
MANET, VANET, Mobility.