A Survey of all Existing Clustering Protocols in VANETS but Main Emphasis of Survey Laid on Currently using Protocol i.e TCDGP

Volume 118 - Number 6
Year of Publication: 2015

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10.5120/20751-3146

Abstract

In recent years VANets have come up as new information promulgation technology. To enhance vehicle and road safety, traffic efficiency, and ease as well as comfort to both drivers and passengers, VANets become an active area of research. In VANets, vehicle work as a node. Vehicle collect different types of information like road traffic and environmental information and transmit them to intended entities but it become a challenging task to route the information to destination because of sparse distribution and high mobility of vehicles in road. To address this issue, clustering has been widely used in many existing proposals in articles. In this paper various challenges for clustering in VANets are discussed briefly but main emphasis laid on the current technique which is widely used nowadays i.e Token-based Clustered data Gathering Protocol (TCDGP).

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**Index Terms**

Computer Science

Networks
Keywords
VANets  TCDGP  RSUs  V2V  V2R  CH.