Heterogeneous Approaches for Cluster based Routing Protocol in Vehicular Ad Hoc Network (VANET)

Abstract

Vehicular Ad Hoc Network (VANET) has materialized as a major research area for the last decade. Since the vehicular network does not have stable infrastructure the main focus remains on networking part, which is divided into clusters using clustering techniques to increase scalability of the network. This paper is a survey on heterogeneous approaches for a cluster based routing protocol that is used to make stable topology of unsteady vehicular networks. Starting with a brief history and introduction of the vehicular communication we have investigated each and every aspect of various novel routing protocol proposed based on clustering in VANET. An overview of traditional cluster based routing protocol (CBRP) is presented at the beginning and the paper is concluded with discussion describing our views on the survey.

References


Index Terms

Computer Science          Wireless

Keywords