Abstract

Vehicular ad hoc networks (VANETs) are the special type of mobile ad hoc networks (MANETs) that are very frequent network in which partitions are caused by node mobility. Delay tolerant network (DTN) follows the approach to store and forward the message. Delay Tolerant Networks (DTN) are the networks which do not require the immediate data delivery and these networks can wait for a specific time period before transferring of data. VANET introduces lot of challenges because of high mobility of the nodes and fast topology changes in the VANET. Various kind of routing protocols have been designed and presented by the researchers after considering the major challenges that are involved in DTN enabled VANETs. This paper provides a survey of the VANET, DTN and routing protocols for DTN enabled VANET.

References


Index Terms

Computer Science  Algorithms

Keywords

VANET, DTN, VDTN, Routing algorithm, FFRDV.