Abstract

Vehicular ad hoc network (VANET) is advance form of mobile ad hoc network. In VANET, vehicles communicate with each other. It can be vehicle to vehicle V2V or vehicle to infrastructure V2I communication. VANET applications can be categories into two parts, safety applications and user applications. In this paper, our main focus is on safety applications. VANET have various challenges like frequent topology change and short lifetime duration. To deal with these challenges, VANET require efficient routing protocols. In this paper, pros and cons of various routing protocols will be discussed. VANET is very much similar to MANET but the main difference between them is highly dynamic topology of VANET.
Pros and Cons: Various Routing Protocols based on VANET’s: A Survey

- Aref Hassan Poor, Hooman Hoodeh, Amirhossein Zarrinnesgar, Arsalan Emami, Dr. Rafidah Md Noor "Comparing QoS of DSDV and AODV routing protocols in vehicular network;"

Index Terms

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Keywords

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