Abstract

Vehicular Ad-hoc Network (VANET) is a self-organized network that connects vehicle and RSUs. The RSUs can internally connect to a background network so that many other network applications and services including internet access can be provided to the vehicle for obtaining different services by the user or driver. The considerable attention goes in this field due to the high demands of new innovations in the vehicular industry. The primary purpose of VANET is to improve public safety and save lives as well as to improve vehicular traffic flow. VANET has very dynamic topology large network size and constrained mobility, these characteristics led to the need for efficient routing and resource-saving protocols. It is a new research area which tends lots of emphasis towards services provided through the network. In this paper, we give the review of various routing protocols by using some parameters: digital map, scenario, position verification, clustering, routing mechanism, forwarding strategy and control overhead.
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Index Terms
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