Abstract

Ad-Hoc networks are random networks which are user friendly to any nodes. Vehicular Ad-hoc network is a type of Ad-hoc network composing of vehicle associated with wireless communication. Wireless ad-hoc network consists of base transmission station, background server, and other processing software. Based on these things, this paper introduces about the VANETs, MANETs and newly FANETs. Firstly, this paper consist of Introduction to Ad-hoc networks, VANETs and its protocol, FANETs and MANETs and protocol. Apart from this the Network simulations are also includes ns-3. Evaluates about the routing protocols used in VANETs and network simulators such as ns-2 and ns-3. At last, it gives the information about the efficiency in the Quality of Service section.

References

Comprehensive Study and Overview of Vehicular Ad-HOC Networks (VANETs) in Current Scenario with Respect to Realistic Vehicular Environment


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Index Terms

Computer Science Networks

Keywords

VANETs, MANETs, Routing Protocols, Network Simulators and QoS.