Abstract

Vehicular adhoc network is commonly used network among the vehicles in a centralized way. This network is built in order to send and receive messages from the vehicles which are present in the network. Since it is a centralized network, hence many problems have be occurs in the network. The main issues of vanet are maintaintence of the system and revocation of malicious vehicles. The new efficient management frameworks that have been framed to overcome the above said problems. It is known as the shared key management technique. The road side unit (RSU) which is present distributes the keys to the various key. The framework is assisting the above said three major problems. This framework can be simulated
using NS2. The major architecture of this framework is built in order to get the desired output like avoiding road traffic blockage, safe and secure travel and a volume of high security is imposed in sending and receiving the messages. The message is send and receives without any blockages by the means of cooperative message authentication.

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Index Terms

Computer Science

Security

Keywords

Vehicular Adhoc Networks  Security  Shared Key Management  Rsu  Co-operative
Message Authentication