

Blockchain-Based Lightweight and Secured V2V Communication in the Internet of Vehicles

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Abstract: *In recent times, Vehicle to Vehicle (V2V) communication has non-inheritable importance owing to the increasing range of road accidents and evolutions in info sharing. A secure and reliable information transfer has become vital to certify the security and trust of conveyance network users. Vehicle-to-vehicle communication will wirelessly exchange info regarding the situation, speed and heading direction of the vehicles. V2V communication permits vehicles to live stream and receives a 360-degree “awareness” of different vehicles in neighbourhood. Advised solutions should have low process complexities and free from latency problems thanks to quantifiability of V2V communication. By mistreatment blockchain technology, information authentication among vehicles may be achieved in real time. The blockchain, as an efficient technology for suburbanised distributed storage and security management.*

Keywords: Vehicle to Vehicle (V2V) Communication

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