Enhancement The Video Quality Forwarding Using Receiver-Based Approach(URBA) in Vehicular Ad-Hoc Network

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Abstract—In Vehicular Ad-hoc Networks (VANETs), data routing is a major problem because of its quick change in topology and vehicular high mobility. VANETs are ad hoc wireless mobile networks which play important role in commercial applications and safety of public vehicular communications. The routing protocols that base on vehicular position are attracting much interest because of the availability and advancement of devices equipped with GPS. A major problem with VANETs is the frequent disruptions in the path of vehicles due to the high mobility of the participating vehicles. This can lead to the breaking of established links and result in low throughput, delay in service delivery, less overhead as well as low rate of delivery. In this paper, Using Receiver-Based Approach (URBA) is proposed. The proposed approach (URBA) compared to VANET, incorporates a potential receiver-based strategy which is traditionally better in performance and might achieve less delay in service delivery with a higher rate of delivery.

Keywords—VANET; packet rate; data dissemination.