Abstract

Video streaming applications are of various types like video conferencing, video chat, video on demand and live video streaming. These different applications have different resource requirements which shall be met by the vehicular adhoc networks (VANETs) according to the availability of resources. In this paper we have analyzed video streaming applications over VANETs on applying two different protocols namely Adhoc On Demand Distance Vector (AODV) and Dynamic Manet on Demand routing protocol (DYMO) in different traffic scenarios like varying node densities, node velocities and pause times. In VANETs, nodes join and leave the network quite frequently resulting in route failures. Comparative analysis has been done on application layer metrics in order to further authenticate that VOIP traffic shows better results with AODV changing the traffic conditions.

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Index Terms

Computer Science

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Keywords

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