

International Journal of Computer Science and Mobile Computing

A Monthly Journal of Computer Science and Information Technology

ISSN 2320-088X

IJCSMC, Vol. 2, Issue. 11, November 2013, pg.139 – 145

RESEARCH ARTICLE

A Study and Analysis of DADCQ Protocol for VANET

S. Vijaya Kumar

PG Students, Department of CSE
NPR College of Engineering and Technology
Natham, TamilNadu, India

A. Noble Mary Juliet. M.E.,(Ph.d)

Head of the Department, Department of CSE
NPR College of Engineering and Technology
Natham, TamilNadu, India

Abstract- The DADCQ protocol utilizes the distance method to select forwarding nodes. The performance of this method Depends heavily on the value of the decision threshold, but it is difficult to choose a value that results in good performance across all Scenarios. Node density, spatial distribution pattern, and wireless channel quality all affect the optimal value. Broadcast protocols Tailored to vehicular networking must be adaptive to variation in these factors. The aim of this work is to give better VANETs routing mechanisms, this research gives an overview of Vehicular ad hoc networks (VANETs) and the existing VANET routing protocols; mainly it focused on vehicle to vehicle (V2V) communication and protocols. Broadcast protocols tailored to vehicular networking must be adaptive to variation in these factors. The proposed approach facilitates impact analysis of distance dependent DSRC fading channel and application-level analysis.

Keywords: DADCQ; DSRC; RSU; VANET

Full Text: <http://www.ijcsmc.com/docs/papers/November2013/V2I11201338.pdf>