Design and Implement The ACO Based AOMDV To Improve QOS Parameters For MANETS

Simran Gupta, Research Scholar, Assitant Professor, CSE Department,DAV Institute of Engineering and Technology, Jalandhar, India, Email : arushisingh192@gmail.com

Dr. Vinay Chopra, Assitant Professor, CSE Department

DAV Institute of Engineering and Technology, Jalandhar, India , Email id: vinaychopra222@yahoo.co.in

Abstract

MANETs are made up of a specific type of wireless mobile node that build a temporary system without the use of any infrastructure or centralized management. MANETs have developing to be employed in wide scale of future applications because they could form connections at any time and any place without the need for preexisting equipment. Identifying the foremost suitable transportation in a MANET is hard due to the changing topology& dynamic characteristics of the nodes. Since nodes in a MANET move independently, the link fails when one of them moves. This research focuses on ACO routing for MANETs, as well as the issues and chances that come with it. As a result, Routing for MANET incorporates the ACO system's purpose of finding several stable routes among source to destination nodes in way to enhance QoS.

Keywords:MANET, ACO, AOMDV, DSDV, AODV A