Abstract

Mobile Ad-Hoc Network (MANET) routing protocols facilitate the creation of such networks without centralized infrastructure. Comprehensive analysis among Destination Sequence Distance Vector (DSDV), Dynamic Source Routing (DSR) and Ad-hoc on Demand Distance Vector (AODV) routing protocols of ad-hoc networks has been carried out using Network
An Extensive Comparison among DSDV, DSR and AODV Protocols in MANET Simulator (NS-2). Some important performance metrics of MANET have been taken under consideration such as no. of Node Vs Throughput, no. of Node Vs Packet Drop, Packet Vs Propagation Delay and Throughput vs Time and it also investigates the best routing protocol with simulation environment.

Reference

- Paul Meenaghan and Declan Delaney, “An Introduction to NS, Nam and OTcl scripting” National University of Ireland.
- B. Cameron Lesiuk,” Routing in Ad Hoc Networks of Mobile Hosts”, Department of Mechanical Engineering University of Victoria, Victoria, BC, Canada, December 2, 1998

Index Terms

Computer Science
Networks

Key words

MANET Packet NS-2 Routing protocol