Abstract

In the competition of this modern technology the aim of Mobile Ad Hoc networking is to provide efficient communication in wireless technology by adopting routing functionality in mobile nodes. The main aim behind the developing of ad hoc networking is multi-hop relaying. Wireless Ad hoc networks or infrastructure less networks are very easy to establish by using radio waves as transmitting medium without the requirements of any other equipment or infrastructure. In such a network mobile nodes can be moved and organized freely in an arbitrary way. But still the fast growing technology needs attention in many areas such as routing, bandwidth, security, power consumption, collisions, simulations, and topology control due to moving nodes. In this tutorial I have proposed reactive(on-demand) Routing protocols for accurate and best performance data delivery in ad-hoc networks with deferent frequencies based on OPNET simulator. The objective of this paper is to extend and evaluate proposed routing protocols to be suitable for
mobile ad hoc networks in autonomous system.

**Reference**

- Kil Sup Lee, Sungjong Lee, Yeon Ki Chung (2005), A performance comparison of on-demand Routing protocols for application data in Mobile ad-hoc networks.(SERA’05) IEEE.

**Index Terms**

Computer Science  
Algorithms

**Key words**

Ad-Hoc Networks  
Performance  
Efficiency  
Data fraction