Abstract

Mobile Ad-hoc Networks are collection of mobile hosts correlated wirelessly with no fixed communications or central supervision. The mobile hosts are self-organized and can be deployed everywhere and at any time. One of the major applications of MANETs is military and disaster recovery. These applications demand for proper communication and coordination among the mobile host. This is achieved with the help of multicasting. Multicasting plays a vital role in mobile ad hoc networks. Multicasting is more beneficial than multiple unicast in a bandwidth-constrained ad hoc networks. In this paper we made a comprehensive study on existing mesh-based multicast routing protocols based on their initialization approaches.

References

A Comprehensive Study of Existing Mesh-based Multicast Routing Protocols Used In Mobile Ad Hoc Networks


- InInNn ER2, 1 Winston K. G. Seah "Distributed Steiner-Like Multicast Path Setup for Mesh-based Multicast Routing in Ad Hoc Networks," Proceedings of the IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing (SUTC’06) 0-7695-2553-9/06 $20. 00 © 2006 IEEE.


A Comprehensive Study of Existing Mesh-based Multicast Routing Protocols Used in Mobile Ad Hoc Networks


Index Terms

Computer Science Wireless Networks

Keywords

Manet Multicast Routing Protocols