Abstract

Delay Tolerant Networks (DTNs) have evolved from Mobile Ad Hoc Networks (MANET). It is a network, where contemporaneous connectivity among all nodes doesn't exist. This leads to the problem of how to route a packet from one node to another, in such a network. This problem becomes more complex, when the node mobility also is considered. The researchers have attempted to address this issue for over a decade. They have found that communication is possible in such a challenged network. The design of routing protocol for such networks is an important issue. This work surveys the literature and classifies the various routing approaches.

Reference


Routing Approaches in Delay Tolerant Networks: A Survey


[38] J. Leguay, T. Friedman and V. Conan, “Evaluating MobySpace Based Routing Strategies in Delay Tolerant Networks,” Université Pierre et Marie Curie, Laboratoire LiP6–CNRS, Thales Communications.


Index Terms

Computer Communication Networks

Network Protocols – Routing Protocols

Key words

Delay Tolerant Network

Opportunistic

Network

Routing