Abstract

Delay tolerant Network is of great interest during these days. Like adhoc network, there is no route setup and maintenance phase and hence routing is an issue of greatest interest for opportunistic network called Delay Tolerant Network. The majority of routing schemes that have been proposed earlier are broadly classified as flooding and forwarding strategies. In this paper, we try to evaluate the performance of the most prominent routing protocols design for Delay Tolerant Networks viz. Direct Contact, Epidemic, First Contact. These strategies called delay tolerant routing protocols are configured for map based model on city traffic environment by considering local route map on which we are daily travelling for our college work. After study and simulations of these protocols, it is proved that by considering unlimited storage place and bandwidth, the Epidemic routing protocol gives best performance among all flooding based routing strategies under evaluation.

References

Performance Evaluation of Flooding based Delay Tolerant Routing Protocols


Index Terms

Computer Science
Mobile Network
Keywords
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