Efficient Dissemination Technique for Opportunistic Networks

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Abstract

Opportunistic Network (OppNet) provides intermittent connectivity in infrastructure less environment without information loss. Intermittent connectivity can be defined as alliance of nodes in a network for communication between them. To establish a routing path in such a heterogeneous environment is a challenging task. The opportunistic networks are also known as Delay Tolerant Network (DTN) as in these types of network, transmission delay associated in relaying data could be very high. In this paper, an efficient data dissemination technique has been introduced to send the information from a Source to Destination. The results generated during simulation for performance metrics such as message delivery ratio, number of data messages generated and average delay are showing the efficiency of the proposed work.

References

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Index Terms

Computer Science Networks
Keywords

Opportunistic Networks, Delay Tolerant Networks, Routing, Flooding.