Community based Node Cooperative in Mobile Ad-Hoc Network

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 141
Number 8

Year of Publication: 2016

Authors:
Srinivas Merugu, M. Sreedevi, Ch. Priyanka

10.5120/ijca2016908616

Abstract

Generally in a network you will find selfish nodes, which don’t want to forward other’s information. Because of these nodes network performance will decrease drastically, sometimes even it get disconnected. From last few years research is going on this problem, and there are so many solutions were proposed, which are related to some incentive approaches, and some Game theory approaches. But in case of a large social networks implementing these methods are difficult and also becomes more complicated. So instead of implementing methods on single node, it is better to divide the network into communities. If we divide the social network into some communities we can define some standard method over the communities to improve the network performance against the selfish nodes.

References

Community based Node Cooperative in Mobile Ad-Hoc Network


3. Santo Fortunato_ “Community detection in graphs”, Complex Networks and Systems Lagrange Laboratory, ISI Foundation, Viale S. Severo 65, 10133, Torino, I-ITALY.


5. PanHui,EikoYoneki,Shu-YanChan,JonCrowcroft “Community detection in Delay Tolerant Networks”.


Index Terms

Computer Science  Networks

Keywords

Community Detection, Node Centrality, cluster and friendship based Approaches.