Abstract

MANET is a field of networking that used for sharing of information between different links. In this process data has been transmitted from different devices to a single device to forward or store valuable information. Due to transmission of data from multiple sources to a single node occur congestion problem in the network. In this paper an approach has been proposed for congestion avoidance in MANET. This approach based on queue fulfillment prediction to avoid congestion and path management for data transmission. This approach provides better performance than previous proposed approaches.

References

2. Dong-Li Zhang, Wen-cheng Jiao, Zheng Jian-Ling “Research and improvement of DSR protocol in Ad Hoc Network”, Industrial and Information Systems (IIS), vol.1, pp. 242-244, IEEE,
Congestion Control in MANET using Modify AODV with IRED Congestion Control Algorithm

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