Abstract

MANETs work without any backbone connection to any static network. They have dynamic network topology with limited physical security and energy constrained operation. The nodes of the network behave in a proper way if the load on each node is equally distributed or distributed according to its processing capabilities. Thus, load balancing becomes an irremovable constraint in MANETs. Hence to save the network from congestion, delay and loss of packets load balancing is very important. Many protocols based on various properties have been raised for load balancing. In this paper a comparative study of these protocols is done. An NS 2 simulation of basic working of MANETs is also done.

References


**Index Terms**

Computer Science

Communications

**Keywords**

Load balancing  Routing protocols