Efficient and Consistent Weight Balancing Optimization in Proactive Routing Environment

Abstract

This paper seeks to address problem of load balancing for ad hoc networks which are small radio devices with limited computational capacity. We have provide a metric that will optimize load distribution and provide a modify routing protocol in any of the proactive routing protocols in ad hoc environment. Maintaining the good performance of this complex network is a complicated task and efficient load balancing plays major role in the network. Nodes in these networks are limited in resources and load should be evenly distributed throughout the network. Congestion and delays will occur when nodes are heavily loaded with packets. Its create bottleneck that affect routing and performance of the network. We are therefore proposing a new metric and efficient way of balancing the weight on single nodes or cluster heads.

References


Index Terms
Keywords

Load Balancing, Optimization, Computation, Congestion, Distributed, Network