

A REVIEW OF EFFICIENT CLUSTERING ALGORITHMS USED IN MANET

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ABSTRACT

To become commercially successful, the technology must allow networks to support many users. One problem is that addressing and routing in ad hoc networks is not as easy as in the Internet. By introducing hierarchical addresses to ad hoc networks, this problem can be addressed. Clustering provides a method to build and maintain hierarchical addresses in ad hoc networks. In this paper, we survey several clustering algorithms. Clustering algorithms can also be used to build virtual backbones to enhance network quality of service.

KEYWORDS: Clustering Algorithm, Performance Metrics, MANET