

## **A SURVEY OF CONGESTION CONTROL MECHANISM USING ROUTE FAILURE DETECTION IN MANET**

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### **Abstract**

A "mobile ad hoc network" (MANET) is an autonomous system of mobile routers connected by wireless links. The routers are free to move randomly and organize themselves arbitrarily thus the network's wireless topology may change rapidly and unpredictably. Route failure is very frequent in mobile ad hoc networks as the nodes are mobile and is a very serious issue also which needs to be addressed. This paper provides an insight into the TCP congestion control mechanism in mobile ad hoc networks (MANET) and discusses the recently proposed route failure detection schemes. All these algorithms tend to increase the network performance in terms of parameters like throughput, packet delivery ratio, end-to-end delay, route reestablishment delay etc.

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