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### **Abstract**

In communication network, the number of nodes is continuously passing messages to each other in a particular fashion. Every node knows its neighboring peer. So, it is necessary to learn the topology of the entire network. Usually, in this type of network many resources are shared and deal with faulty components. Therefore, Fault tolerance is measure issue of the concern in the communication distributed system. To raise the performance of fault-tolerant

routing can highly enhance the stability and efficiency of network. The paper focuses on the fault tolerance techniques for the guaranteed communication in distributed systems.

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Computer Science

### Index Terms

Fault Tolerance

### Keywords

Distributed System Fault Tolerance Etc.