

Assignment 1 Lab Report:

Reliable communication : Dolev

Protocols and Optimizations

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1 | Purpose

The purpose of this report is to implement the Dolev's Reliable Communication Algorithm and five modification that improve its performance. Reliable communication protocol is a fundamental component in distributed system since it is nesscary to ensure a message from a sender will eventually be delivered by its destination process with out any interference from potential malicious or broken nodes in a network.

2 | Expiertmental Setup

Paramete Name	Values
Number of Nodes	10
Graph Connectivity	3
Number of Broad Casters	
Number of Distinct Messages	
Number of Failur Nodes	2

3 | Result

4 | Conclusion