Optimising Up*/Down* Routing By Minimal Paths

Abstract

Networks of workstations (NOWs) often uses irregular interconnection patterns. Up*/down* is the most popular routing scheme currently used in NOWs with irregular topologies. One of the main problem with up*/down* routing is difficult to route all packets through minimal paths. Several solutions have been proposed in order to improve the up*/down* routing scheme. In this paper we discussed those solutions which provide minimal paths to route most the packets to improve the performance of the up*/down* routing.

Reference


Index Terms

Computer Science

Computer Architecture
Key words

Networks Of Workstations
Irregular Topologies
Routing Algorithms
Minimal Path
Spanning Tree