Abstract

Load Balancing is partitioning the quantity of traffic load that a router needs to do between two or additional terminals so additional quantity of load gets wiped out a similar amount. Load Balancing is the process of redistributing the work load among nodes of the distributed system to improve resource utilization and job response time and also avoiding a situation where some nodes are heavily loaded while others are idle or doing some work[1][2][3]. Therefore, all users
get served quicker. This paper provides an overview of such load balanced routing protocols. It provides comparative study of all the protocols like OSPF, S-OSPF, MPLS and TPR for IP Routing and choose for the best based on some of the important factors like congestion control, shortest path, packet loss etc.

References

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Index Terms

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An Overview of Load Balanced IP Routing in Communication Network

**Keywords**
- Ospf
- S-ospf
- Mpls
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- Congestion
- Load Balancing.