Abstract

This paper presents comparison study based on link utilization in the networks running over RIP (Routing information Protocol), OSPF (Open Shortest Path First) and Multi-Protocol Label Switching (MPLS). Poor link utilization in case of RIP and OSPF is identified. A detailed simulation study is performed over MPLS network where we have shown MPLS network has utilized most of links resulting in congestion avoidance, low queuing delays.

References

- J. M. Chung, E. Marroun, H. Sandhu, and S. C. Kim, "VoIP over MPLS Networking Requirements," in Proc. of IEEE International Conference on Networking,


Analysis of Link Utilization in MPLS Enabled Network using OPNET IT Guru

Index Terms

Computer Science

Networks

Keywords

Mpls  Rip  Ospf  Link Utilization  Traffic Engineering  Opnet