Study of MPLS Traffic Engineering
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Abstract
This paper discusses Multi-Protocol Label Switching (MPLS) Traffic Engineering using RSVP-TE as the signaling protocol. First a brief review of Layer 2 Traffic Engineering using the overlay model, Layer 3 Traffic Engineering and their shortcomings. Second, an overview on MPLS and how it addresses the shortcomings of Layer 2 and Layer 3 TE. Third, detail discussion on MPLS-TE mechanisms. Finally shortcomings of MPLS-TE are identified and possible solutions are addressed.