

## عنوان مقاله:

Investigation on Quality of Service in BGP/MPLS VPN Network Based on Special Service

## محل انتشار:

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## نویسندگان:

Ali Esmaili

Mehdi Mahdavi - *Isfahan University of Technology*

Pejman Khadivi - *Isfahan University of Technology*

## خلاصه مقاله:

The expansion of Internet, increases the number of users and applications. Having higher speed and better quality are the main challenges of computer network development. Using MPLS and proper traffic design, it is possible to improve the quality of service and reduce the possibility of congestion. It is possible to use MPLS in a BGP/MPLS VPN network for data transmission. In this paper we explain BGP/MPLS VPN and we implement an MPLS network based on Diffserv over VPN services. Using OPNET various scenarios are simulated. In most of the previous proposed systems, with increasing the number of low traffic priority sources like BE and AF, higher priority traffic like EF faces difficulty. Our simulation shows with using traffic engineering, congestion control for low priority sources and management methods, it is possible to have better quality of services for those traffics which are sensitive to delay.

## کلمات کلیدی:

Diffserv, en, Traffic Engineering, Service Quality

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1634399>

