

ABSTRACT

Ferdian (12160096), *Designing Bandwidth Management With Simple Queue Methods Based Microtic Bridge.*

Computer networks have an important role in a company. Many of the benefits of computer networks, among others, fast data transfer and save the cost of sending a document to another. Over the time, computer network also has the problem which is sending data that is slow or does not get to the destination. This occurs because many Internet users who are connected in a computer network that resulted in the unequal distribution of bandwidth to all computer users. To overcome it necessary to make a bandwidth management to control bandwidth usage every computer user. This bandwidth management can be done by using a microtic. Microtic have the same functionality as a router in general, that can be used as a bridge between computers in a network. The method used is simple queue. This study aimed to investigate the effect of bandwidth management to control bandwidth usage and maximize the use of available bandwidth. The results of this research note that using microtic bandwidth management can control the bandwidth usage activity among Internet users and Internet users will not receive excessive bandwidth.

Keywords: *Bandwidth, Microtic, Simple Queue*



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