

ABSTRACT

In providing services to the community, one of the main tasks of the Office of Communication, Informatics, Statistics and Encoding, Banten Province is bandwidth management throughout the network in the KP3B area. the entire KP3B area.

In this final project, planning and comparison of bandwidth management through router management with Queue Tree, Simple Queue, and HTB methods is carried out. To get the appropriate method, so that each user can use the internet smoothly, even with the same bandwidth capacity from the ISP, for that

The results of the planning and comparison of bandwidth management are expected that users get bandwidth fairly and evenly, and for the results of the comparison test using the QOS parameters with the Simple Queue and HTB methods are superior and more stable than using the Queue Tree method.

Keywords: *Bandwidth, Queue Tree, Simple Queue, QOS, HTB.*