ABSTRACT

This study uses the Time Consistent Busy Hour (TCBH) analysis method to see the stability of the CCR Router during peak hours using Winbox. So that it allows monitoring of CPU, Memory, and HDD usage in real-time. This method aims to analyze and monitor peak hours of network traffic, which is important for optimizing network performance and resource allocation. The TCBH method is used to determine peak hours so that building managers can perform network backups or add access points to anticipate peak hours, the TCBH method is designed to provide detailed information about the busiest hours of the day, helping network administrators identify and overcome potential delays when accessing the internet.

Keywords: *Network Monitoring, TCBH, Winbox,* BRIN*, Bandwidth*