

ABSTRACT

This research aims to measure the performance of the internet network at SMK PGRI Neglasari. A reliable and fast internet network is an important aspect in the world of modern education. Internet network performance affects a school's ability to provide stable internet access for students and educational staff.

This research methodology includes collecting data on download and upload speeds, latency and consistency of the PGRI Neglasari Vocational School's internet network during a certain period. This data is then described to propagate network performance.

It is hoped that the results of this research will provide a better understanding of the extent to which the internet network at SMK PGRI Neglasari meets educational needs. These findings can be used as a basis for repairing or upgrading the internet network at the school, if necessary.

This research has an important impact in improving the quality of education at SMK PGRI Neglasari and ensuring that students and educational staff have adequate access to online resources and internet-based learning.

Keywords - Wireless, QoS, Wireshark, TIPHON, Packet loss, Throughput, Delay.