

ABSTRACT

Yasmine.net is one of the rt/rw.net providers operating in the Kp area. Sekarwangi Rt05/Rw08 Kel. Neglasari. district Neglasari. Tangerang City. This rt/rw.net service provider has been operating since 2019. With the many customers served by this provider, a monitoring system is needed to be able to observe network traffic that occurs. For this reason, this research designed an SNMP-based network monitoring system using PRTG or (Peassler Router Traffic Grapher) tools. The results show that the monitoring system can observe sensor core health, probe health, system health, ping, and uptime. Apart from that, every traffic that leads to customers can also be observed starting from the condition of uptime stats, request stats, average total traffic, to the total traffic that is on the observed interface. The result is that this monitoring system is very useful for network admins in doing their jobs. The admin can find out if there is system or device downtime so that they can immediately take action to solve the problem.

Keywords : PRTG, Yasmine.net, Sensor, Monitoring