Abstract

Wireless technology has enormous development in the recent years which enable to develop a new wireless system. The importance of transmission to modern wireless networks has lead to the development of several network traffic monitoring techniques. The term traffic monitoring describes the method by which all the data that is sent and received by a network is identified, faults and harmful events are detected and the good data packets are allowed to pass through the networks. Network traffic monitoring is a vital part of cyber security in modern times because of the increasing complexity of the networks and the threats posed by attacks on the network and it is an initial step to capture attacks. Router based monitoring techniques have evinced keen interest in the recent times because of their ease of use, applicability for research and effectiveness in monitoring of the wireless networks. The research work aims to propose an efficient system to monitor network traffic. The proposed system performs two times better than the existing systems.

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**Index Terms**

Computer Science Wireless

**Keywords**

Traffic Monitoring Techniques SNMP RMON Netflow