ABSTRACT

The text part of the bachelor's thesis contains 70 pages, 32 figures, 1 table and 14 sources.

The purpose of the work is to formulate recommendations for security in the enterprise network by Quality of Service methods.

The paper considers the main tasks of security and Quality of Service in the enterprise network, as well as an experiment to configure the software package Fail2ban on a Linux server.

Keywords: security, Quality of Service, network, IP packet, traffic, Fail2ban.