

Abstract

The use of SYSTEM technology (information and security event management technology) is a promising direction in the field of information security, especially for critical infrastructures. The topic of the diploma project is "a Comprehensive, scalable security and performance management tool using "FortiSIEM"". The SIEM system allows you to get the most complete picture of what is happening in the system. This also allows you to create detailed reports about IB incidents and respond to them faster.

An unauthorized attempt was made to log in to the SIEM system. To provide a scalable solution to the incident, a Debian-based VPN server was used, i.e. attracting employees from different regions via a secure VPN connection.

The analysis of working conditions with the calculation of air conditioning and fire safety systems is carried out.