

ABSTRACT

Topic: Methods and tools for monitoring the safety of computer systems on the basis of adaptive approach

Thesis: 65 p. 11 Fig. 2 app., 9 tab., 13 sources.

MONITORING THE SAFETY OF COMPUTER SYSTEMS, DECISION-MAKING TREE, ADAPTIVE ALGORITHM.

Object of research – Models used in network security monitoring systems, their types and modifications..

Purpose of the study - Consideration and analysis of security monitoring methods.

Purpose - Creation of a network security monitoring system with adaptation, its realization and research.

Urgency – Ensure network security with minimal use of resources.

The results - The analysis of the main methods of network security monitoring was conducted, modification was created and investigated, in which as a classifier a composition of three classifiers is used.

The novelty of the work: A method is developed in which the classification of threats occurs due to a composition of three classifiers.