

Abstract

In this graduation project, the vulnerabilities inherent to the server software working on client-server architecture are considered. The project implements analytical systems and classes of server software, distributions and tools for penetration testing. Platforms of server software such as FTP, SSH and MSSQL were chosen, and the distribution kit was also identified as a Kali Linux which allows to demonstrate vulnerabilities in the selected platforms.

A set of laboratory works on the topic "Servers vulnerabilities research" was developed. The analysis of working conditions and safety of vital activity was carried out and the technical and economic effect from the introduction of this set of laboratory works is described.