

Abstract

This graduation work discusses the process of building and implementing a service infrastructure to create a cyber training ground. Different approaches to building a cyber training ground are compared. A cyber training ground is a local area network (LAN) into which a small number of virtual machines are connected to emulate the internal corporate network of a small organization. The main goal of this graduation work is to build a network infrastructure that would allow students studying information security to explore and study real-life vulnerabilities, methods of their exploitation, as well as ways to counter them.