

## **Annotation**

The graduation project is dedicated to designing user data protection at the operating system level. A corporate network was designed with its own organization's domain name. Considered domain configuration settings group policies of the operating system Windows Server 2012. In order to improve the protection of user data, backup and file encryption was performed.

Also, an analysis of working conditions in the design of protection and operation systems was made. In terms of feasibility studies, calculations were made of the economic efficiency of the designed protection system.