

Theme of final qualifying work: "Organization of data protection in law enforcement agencies on the basis of crime registry using blockchain technologies and cryptography on the example of the department of the Ministry of Internal Affairs of Russia for the city of Lermontov, Stavropol."

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Information about the customer organization: Department of the Ministry of Internal Affairs of Russia for the city of Lermontov, Stavropol Territory.

The relevance of the research topic is that blockchain technology allows leveling the consequences of complicating and enlarging existing databases, which can reduce the security level and increase the risk of unauthorized access to data as a result of massive hacker attacks, and also allows to minimize the cost of maintenance of centralized systems.

Objective: to make sure that the required conditions for information security, integrity, availability and confidentiality of data are met in law enforcement.

Tasks:

- analysis of blockchain technology;
- the general principles of building systems with a distributed registry;
- practical implementation of the blockchain technology in law enforcement.

Theoretical and practical significance of the research. The theoretical significance of the final qualifying work is the analysis of the blockchain technology. The practical significance lies in the implementation of the blockchain technology in law enforcement.

Results of the research: models of the subscriber of the detainee, the subscriber of the investigator and the notary cryptographer for the implementation of the blockchain technology in law enforcement agencies were developed.

Recommendations: use the developed methodology for the formation of technical specifications for research work in the structures of law enforcement agencies.