

Abstract

In this paper, we consider the DPI technology, its functionality and principles of operation in the network of Telecom operators. A program has been developed for analyzing network traffic which will work on a server. The program is written on the high-level Python programming language. The protective grounding of the telecommunication racks and the permissible duration of evacuation in the event of a fire in the server room are calculated in the section «The Safety of Life». The complexity of performing research work is also determined.