

Annotation

This diploma project involves considering the development of an information system for the construction of a local network based on Metro Ethernet in the city of Shelek. Metro Ethernet network and routing were calculated. Explanatory note of the diploma project consists of 22 tables, 49 drawings, 1 annex, 15 sources.

The main purpose of the project is extremely fast improving the quality and nomenclature of data services (xDSL point-to-point connections, in addition to Internet access, servers with different content and high speed of access), increase the number of connected xDSL subscribers, as well as traffic and revenues.

For this research of the local network, the site was developed. The phases of construction of Metro Ethernet network briefly described.