

### ABSTRACT

The work contains 102 pages, 13 figures, 1 table. 36 sources were used.

**The purpose of the study:** analysis of the principles of construction and methods of traffic management in MPLS networks;

**Object of research:** engineer traffic for network based on MPLS technology

**Subject of research:** the use of traffic engineering to improve traffic management based on MPLS technology

The paper considers the principles of management and methods of traffic management in networks based on MPLS technology. For quite a long time, this technology has proven itself as a stable platform for building corporate networks of high quality and high standards.

At the same time, traffic engineering allows you to improve the already high performance of MPLS technology and bring them to a much higher level.

**Keywords:** MPLS, RSVP-TE, LSP, PSR.