Abstract

This work is devoted to analysis of existing LANs and review of the information, analysis and use of PPP OPNET to simulate a LAN, the development scheme to simulate the structure of the LAN on OPNET, to develop a model for LAN OPNET, to develop a method of research and analysis on the characteristics of the simulated network OPNET. Further expansion is carried out on the basis of LAN and characteristic parameters simulate the delay and utilization of network packets based on the simulation of new LAN and when upgrading.