

# EVALUATION OF PARAMETERS IN THE ANALYTICAL AND SCALE MODELS OF THE COMPUTER NETWORKS

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Lately in the area of computer systems and networks enterprise solutions are being introduced impetuously. System analysts and projectors face the complicated task of choosing an optimal set of enterprise system components, which provides an effective work of undertaking's information system. This task is complicated by heterogeneous character of both hardware and software used in such systems, and the information transmitted.

One of the basic components of enterprise-area information system is a transport subsystem. Its task is to provide a reliable transmission of information among local networks territorially scattered. To measure the performance of network fragments when projecting and upgrading, the conception of typical fragment is introduced in [1] and it is suggested to use analytical and scale models. The article gives the results of the study and measurements of enterprise-area network different typical structures, which use different modern technologies.

## REFERENCES

1. *Latkov A., Asars A. The Adaptation of the Queuing Networks Models on the Basis of Networks Measurement // Queues: Flows, Systems, Networks. 2001. V. 16. P. 106-110.*