

SYNCHRONIZATION OF THE WINDOW-BASED TRANSMISSION PROTOCOL IN SUPPLEMENTING TO A DIRECT TRANSMISSION BETWEEN CONTROLLED REMOTE TERMINALS VIA THE IP SWITCHING TECHNOLOGY

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ABSTRACT

This paper describes an implementation of a connection-oriented model of a direct transmission. In the model, the connection is established through a network sharing enabled mechanism. Using the fundamental laws of file sharing, various ways have been used on these masses sharing technique, especially the streaming protocol. On these masses, performance is evaluated. The communication in a large collection of computer can strive to have a faster network transmission in the network and thus the deformation of the communication is simulated. The simulated transmission deformations have been measured and analyzed. For the first time, an added new dimension of accessibility and functionality to network sharing. Network can have more flexible access and consistent mechanism. Workstations that connect to a network can use the NetBIOS protocol to interact with the others for file and printer sharing. The project allows workstations to have the ability to redirect communication between workstations. On the other side of view, current NetBIOS is only a dummy system that does not analyze the condition. It seems reasonable to propose that NetBIOS protocol should be extended; bringing its conceptual model from two dimensions, out at right angle, into three.