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A New Congestion Control Mechanism Proposed for the SSCOP Protocol

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🔍 Keywords
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Abstract: International Telecommunication Union, Telecommunications Sector (ITU-T) Recommendation Q.2110 states that the update of a granted credit window to the transmitter (VR(MR)) is implementation dependent. In this paper, a new algorithm is designed to control the traffic flow coming from malfunctioning users. The VR(MR) parameter is controlled for that purpose. The simulation results show that this new technique nearly doubles the system performance.

Key Words: Protocol Design, ADSL, SSCOP.