

Research on congestion control solutions in OBS networks

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Abstract: In the context of the increasingly widespread application of O-Band Switching (OBS) networks, the issue of congestion has become a pressing problem that needs to be addressed. This project aims to research and implement effective solutions for controlling data traffic and ensuring quality of service in OBS networks. By combining theoretical research with experimentation, the project will propose new congestion control system design suggestions. The expected results of this study not only provide practical application solutions but also contribute to the body of knowledge on O-Band network management.

Keywords: Network congestion, O-Band Network (OBS), Traffic control solution