

Application of cross-layer model for quality of service assurance in wireless networks

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Abstract: In the context of the increasing demand for mobile communication services, ensuring Quality of Service (QoS) in wireless networks has become critical. This topic focuses on applying a cross-layer model to address the QoS problem, aiming to build an effective quality control system for mobile services. Through a combination of theoretical research and experimentation, the topic contributes a new solution and enhances the ability to control service quality in wireless environments, meeting the diverse needs of users.

Keywords: wireless network, quality of service (QoS), cross-layer model