

Research on on-demand routing control protocols in MANET

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Abstract: This topic aims to research and propose new routing protocols for MANET, based on the practical needs of data transmission in mobile environments. The goal is to improve transmission performance through on-demand routing control. The approach includes both theoretical research and experimental application deployment to verify effectiveness. The expected results will contribute to the development of MANET technology, meeting the increasing demands in the field of mobile communications.

Keywords: MANET network, Routing protocol, On-demand control