

Research on MANET networks and simulation on NS2 software

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Abstract: This topic aims to study and analyze the characteristics of Mobile Ad Hoc Network (MANET) - a type of self-organizing wireless mobile network, with the goal of building a simulation model using Network Simulator 2 (NS2) software. Through the process of theoretical research, deployment, and application testing, the topic seeks to provide in-depth understanding of MANET's operational capabilities in various scenarios. The expected results will contribute to the development of efficient mobile network infrastructure.

Keywords: MANET, simulation, NS2, mobile network, ad hoc