

Research on on-demand routing protocols in MANET

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Abstract: This topic focuses on researching and analyzing demand-aware routing protocols in Mobile Ad Hoc Networks (MANET). The practical context requires high routing performance and flexibility for applications needing high reliability. The objective of the topic is to identify and implement a suitable routing solution for MANET, through a combination of theoretical and experimental research. The expected results from this project not only contribute to knowledge about routing protocols but can also be applied in mobile network systems requiring high flexibility.

Keywords: MANET, routing protocol, on-demand routing, wireless mobile network, communication technology