

Survey of the impact of node mobility on the performance of some routing protocols in MANET

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Abstract: This topic aims to investigate the impact of node mobility on the performance of several routing protocols in MANETs. The context of the topic arises from the practical requirement to optimize performance for mobile systems. The objective is to analyze and identify notable changes in protocol performance when network nodes move. The research method combines theory and experimentation, building a model for application deployment. Expected results provide important knowledge for improving routing protocols in mobile environments, contributing to the field of information technology.

Keywords: MANET, Routing protocol, Mobile network node