

Performance evaluation of AODV routing protocol in wireless networks

Nguyen Duc Thang

Abstract: In the context of the development of wireless network systems, evaluating the performance of the Ad hoc On-demand Distance Vector (AODV) routing protocol has become an urgent need. This study aims to analyze and optimize the performance of AODV through a combination of theoretical research and experimentation. Through the testing process, the study expects to provide useful solutions for improving service quality in mobile wireless networks, while contributing to the advancement of advanced routing technology.

Keywords: AODV, wireless network performance, ad hoc routing, practical testing