

Research on WiMAX and WiMAX simulation on NS2

Nguyen Hong Nhung

Abstract: This topic focuses on a thorough study of the WIMAX mobile telecommunications system, from the rationale for choosing the topic to the practical issues that need to be addressed. The objective of the research is to build a WIMAX simulation on the NS2 simulation network to test performance and optimize network parameters. The method combines theoretical research and application deployment to provide useful solutions for practice. The expected result is to improve the quality of service and scalability of the WIMAX network.

Keywords: WIMAX, NS2, network simulation, mobile telecommunications, network optimization