

Research on SIP protocol in NGN networks

Le Thi Quynh Anh

Abstract: This topic aims to analyze and evaluate the performance of the Session Initiation Protocol (SIP) in Next Generation Network (NGN) environments. The research context stems from the necessity to improve communication infrastructure and enhance service quality. The objective is to determine the flexibility and reliability of SIP in practical NGN applications. The method combines theory with experimentation to evaluate protocol performance. Expected findings will contribute to optimizing communication networks, supporting the rapid development of NGN technology.

Keywords: SIP protocol, Next Generation Network (NGN), network performance