

Performance evaluation of DSDV and TORA routing protocols in Ad-hoc networks

Nguyen Cong Bien

Abstract: In the context of the rapid development of mobile technology, optimizing routing performance in wireless ad-hoc networks becomes crucial. This topic focuses on evaluating and comparing the performance of two popular routing protocols - DSDV (Distance Vector Routing Protocol) and TORA (Television Multicasting System Routing Algorithm). The objective is to identify the advantages and disadvantages of each protocol through theoretical and experimental tests. The expected results contribute to selecting an effective routing method for ad-hoc applications, while also providing a foundation for further research on mobile network management.

Keywords: performance evaluation, routing protocol, Ad-hoc network