

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

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Abstract: Background/Reason for choosing the topic: This topic aims to reflect the necessity of evaluating the performance between two routing protocols, DSR (Dynamic Source Routing) and TORA (Temporary Optical Ring Architecture), in Ad-hoc networks. Objective: To study the characteristics of both protocols and compare their performance when applied to this non-fixed network. Method: By combining theoretical analysis with experimentation. Significance/Expected results: The topic will provide an overview of the advantages of each protocol under specific conditions, contributing to the selection of appropriate solutions for Ad-hoc networks.

Keywords: routing protocol, Ad-hoc network, DSR, TORA