



Executive Overview

TITLE: OPTIMIZING A BROADCASTING STRATEGY IN A HIGHWAY ENVIRONMENT

SUMMARY: This document is aimed at evaluating the broadcasting protocol in a highway environment using Madhoc, a metropolitan MANET simulator.

GOALS:

1. To describe a broadcasting problem in a highway scenario.
2. Using metaheuristic techniques to obtain the optimal parameter settings for the broadcasting protocol DFCN.
3. Reporting the results of several simulation experiments with Madhoc.

CHECKLIST:

1. Checking the accuracy of metaheuristics techniques to solve the problem.
2. To evaluate the broadcasting as a multi-objective problem.

CONCLUSIONS:

1. Metaheuristics techniques allow to obtain a suitable set of good solutions.
 2. The simulation of the environment with Madhoc is a time-consuming task.
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