

1 Introduction

This is a repository to test a few algorithms to detect best sampling rate on a network for decision making. This is part of my graduate research thesis. As the testbench I will use OpenFlow, Mininet. References to software, tutorials, guides and paper I used will (not exhaustively) be listed below.

2 TODOS

- ☒ Create Basic Topologies
- ☐ Setup Traffic via Scapy (or other tool).
- ☐ Setup Self-Similar Traffic
- ☐ Implement Time Sampling
- ☐ Create a `dpctl.c` modification to allow for sampling.

3 References:

1. OpenFlow Software Switch(BOFUSS)
 1. Netbee
2. Mininet Simulator