

MP0 - Event Logging

Names:

Ali Husain (alijh2), Satej Sukthankar (satejrs2)

Cluster Numbers:

4201 - 4210

Git URL:

<https://gitlab.engr.illinois.edu/cs4251732105/mp0-event-logging/-/tree/main>

Git Revision Number:

c8aa5be0a2950d4016b66539c26ffe5b98e58d2d

Getting started

Starting server

1. `cd server` to enter the server.
2. `go run server.go {server port number}` to start the centralized logger.

Starting node

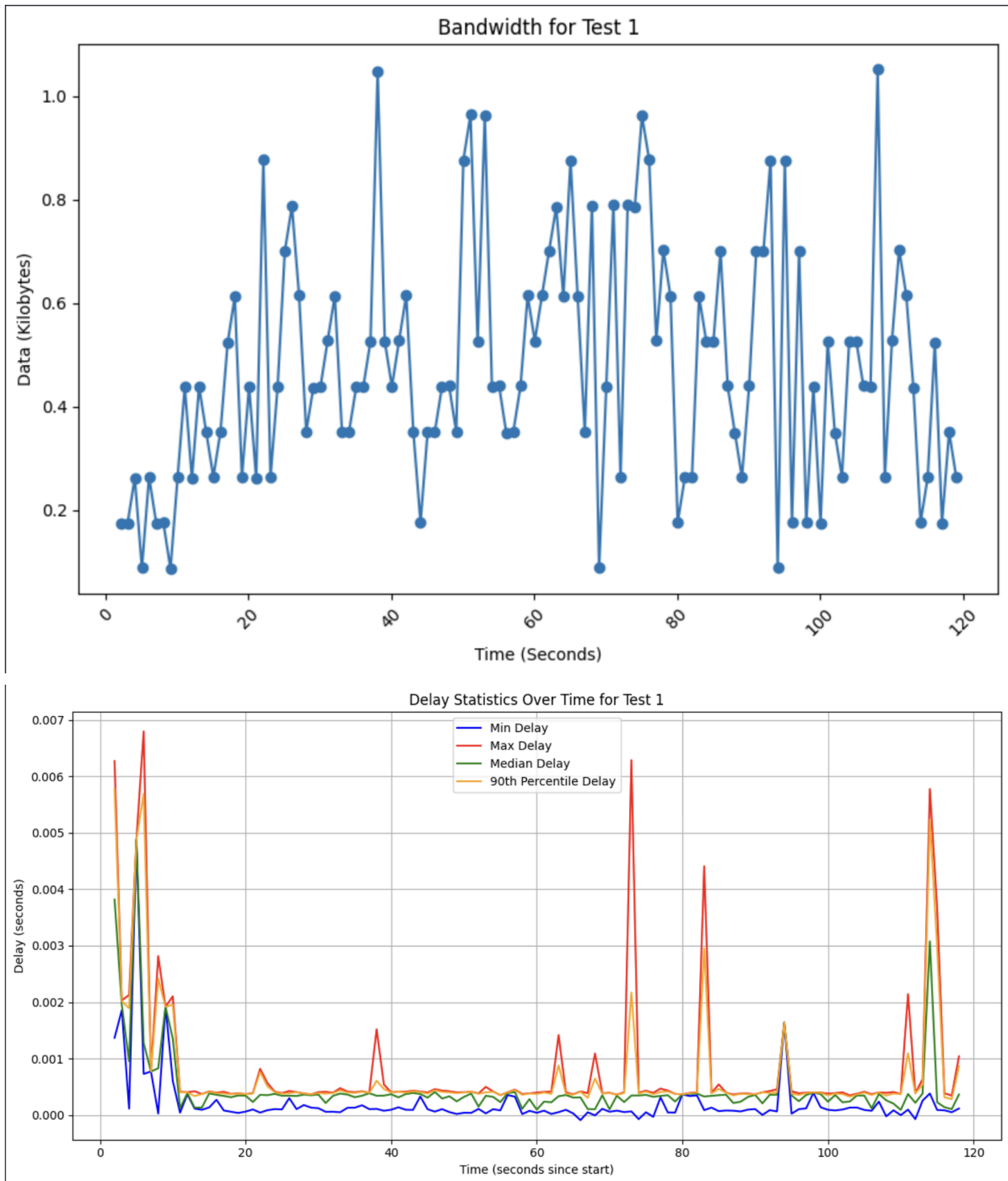
1. `cd node` to enter the node folder.
2. `make build` to compile the node.go file.
3. `python3 -u generator.py {frequency} | ./node {node_name} {server IP} {server port number}` to start the node events.

Conducting Analytics

Ensure you have `matplotlib`, `numpy`, and `pandas` installed before running analytics.

1. Upon terminating the server, a `logFile.txt` file will be created in the server folder.
2. Enter the analytics folder and run the code blocks within each notebook for their corresponding analytic.
3. A graph will be generated within the analytics folder for the corresponding notebook.

Test 1:



Test 2:

