

#### Environment Information

- OS: Windows 7, Linux (eos)
- Python 2.7, Python 3.6

#### Included Python files:

- Defs.py
- P2mpclient.py
- P2mpserver.py
- Receiver.py
- Sender.py

#### Included Other files:

- Sample.txt (1 MB)
- Project 2 report pdf
- Project 2 instructions pdf

#### Instructions:

1. Remove any unnecessary .txt files as the simulations are write-append prior to running simulations. Clean and initialize in between simulation runs.
2. On a new host, run “python p2mpserver.py <port number> <text file you want received data written to> <packet loss probability> “
3. Repeat step 1 for n=1 to 5 different receivers.
4. On a new host, run “python p2mpclient.py <server-i> <server-i+1> ... <port number> <text file you want to read> <MSS>”

All Python processes will self-terminate once file transfer has completed. Please use the same universal port number (65400 to 65500 if using NCSU eos remote-linux) for all servers and client. The command “scl enable devtoolset-2 python27 bash” can be used in the eos remote-linux hosts to use Python 2.7.