# How to Run Evaluation Testing

High Level Steps:

1. Ensure Chrony time server is working across all 4 computers.

chronyc tracking

chronyc sources

1. Run makestep to sync time

sudo chronyc makestep

1. Edit the config\_files.sh in Sender

Change the PACKET\_RATE = ###

Ctrl + O   
Ctrl + X

1. Ensure the log directory in Receiver is empty

If not

mkdir run#\_logs

cp -r logs run#\_logs

rm logs/\*

1. Start the receiver ITGRecv

ITGRecv

1. In sender run the config\_files.sh

./config\_files.sh

1. Do Step 4 and repeat by editing config\_files.sh for different packet rates.
2. To get the data, mount your hard disk onto receiver

sudo mount /dev/sda1 /mnt

*Note: /mnt already exists*

1. Copy the log folders from the current directory and then umount

sudo cp -r logs /mnt/  
sudo umount /mnt

**So far, we have done**

Run 1: Packet rate = 100,000 packets per sec

Run 2: Packet Rate = 10,000,000 packets per sec

Run 3: Packet Rate = 50,000,000 packets per sec

**New Runs (26/05/2025):**

Run 4: Packet Rate = 50,000 packets per sec

Run 5: Packet Rate = 1,500,000 packets per sec

Run 6: Packet Rate = 3,000,000 packets per sec

Run 7: Packet Rate = 5,000,000 packets per sec

Run 8: Packet Rates = 8,000,000 packets per sec

Run 9: Packet Rates = 1,000,000 packets per sec