**Setting up chrony server and clients for Ubuntu**

**Installed chrony on all devices**

**Using router1 as NTP server**

sudo apt install chrony

**Configuration of chrony config file on NTP server (router1)**

sudo nano /etc/chrony/chrony.conf

**Comment out all external NTP servers.**

**Insert the following lines:**

local stratum 8 # Using local clock as references

# Allow NTP clients to access from the local networks

allow 192.168.10.0/24

allow 192.168.20.0/24

allow 192.168.30.0/24

manual #No internet Sync, purely local

**For NTP clients:**

# NTP server router1's IP address

server 192.168.20.1 iburst

**Check status of chrony NTP server:**

sudo systemctl status chrony

timedatectl

**For verifying if time is synchronising:**

chronyc tracking

chronyc sources

chronyc sourcestats