

Setup NTP - Client - Server - Ubuntu - CentOS

<http://www.pool.ntp.org/en/>

XYMon-NTP

This is setup for North America, if you are in another Time Zone, please get your specific Time Zone Pool from this link.

Don't forget to Open Port 123!

```
sudo su
```

Ubuntu

```
apt-get update
apt-get install ntp
```

CentOS

```
yum install -y ntp
```

SERVER

Configure

```
mv /etc/ntp.conf /etc/ntp.conf.bak
cat << EOL >/etc/ntp.conf
server 0.north-america.pool.ntp.org iburst
server 1.north-america.pool.ntp.org iburst
server 2.north-america.pool.ntp.org iburst
server 3.north-america.pool.ntp.org iburst
server 127.127.1.0
fudge 127.127.1.0 stratum 10
restrict 127.0.0.1
restrict ::1
restrict default kod nomodify notrap nopeer noquery
restrict -6 default kod nomodify notrap nopeer noquery
restrict -4 default kod nomodify notrap nopeer noquery
driftfile /var/lib/ntp/ntp.drift
logfile /var/log/ntp.log
EOL
service ntp restart
watch ntpq -p
```

CLIENT

Configure

Replace

```
[server 192.168.1.255/ntp.domain.com prefer iburst]
```

```
mv /etc/ntp.conf /etc/ntp.conf.bak
cat << EOL >/etc/ntp.conf
[server 192.168.1.255/ntp.domain.com prefer iburst]
server 0.north-america.pool.ntp.org iburst
server 1.north-america.pool.ntp.org iburst
server 2.north-america.pool.ntp.org iburst
server 3.north-america.pool.ntp.org iburst
server 127.127.1.0
fudge 127.127.1.0 stratum 10
restrict 127.0.0.1
restrict ::1
restrict default kod nomodify notrap nopeer noquery
restrict -6 default kod nomodify notrap nopeer noquery
restrict -4 default kod nomodify notrap nopeer noquery
driftfile /var/lib/ntp/ntp.drift
logfile /var/log/ntp.log
EOL
service ntp restart
watch ntpq -p
```

CentOS 7

```
systemctl enable ntpd.service
service ntpd start
yum remove -y chrony
timedatectl set-ntp true
firewall-cmd --add-service=ntp --permanent
firewall-cmd --reload
```