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Activities Terminal ١٢ أبريل ٢٠٢٠ ٦:٠٠
iffishells@iffishells: ~
(anaconda3)iffishells@iffishells:~$ sudo apt install ntp
[sudo] password for iffishells:
Sorry, try again.
[sudo] password for iffishells:
Reading package lists... Done
Building dependency tree
Reading state information... Done
ntp is already the newest version (1:4.2.8p12+dfsg-3ubuntu4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
(anaconda3)iffishells@iffishells:~$
```

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Activities Terminal ١٢ أبريل ٢٠٢٠ ٦:٠١
iffishells@iffishells: ~
leapfile /usr/share/zoneinfo/leap-seconds.list

# Enable this if you want statistics to be logged.
#statsdir /var/log/ntpstats/

statistics loopstats peerstats clockstats
filegen loopstats file loopstats type day enable
filegen peerstats file peerstats type day enable
filegen clockstats file clockstats type day enable

# Specify one or more NTP servers.

# Use servers from the NTP Pool Project. Approved by Ubuntu Technical Board
# on 2011-02-08 (LP: #104525). See http://www.pool.ntp.org/join.html for
# more information.
#pool 0.ubuntu.pool.ntp.org iburst
#pool 1.ubuntu.pool.ntp.org iburst
#pool 2.ubuntu.pool.ntp.org iburst
#pool 3.ubuntu.pool.ntp.org iburst

pool 0.europe.pool.ntp.org iburst
pool 1.europe.pool.ntp.org iburst
pool 2.europe.pool.ntp.org iburst
pool 3.europe.pool.ntp.org iburst

# Use Ubuntu's ntp server as a fallback.
pool ntp.ubuntu.com

# Access control configuration; see /usr/share/doc/ntp-doc/html/acconf.html for
# details. The web page <http://support.ntp.org/bin/view/Support/AccessRestrictions>
# might also be helpful.
```

31,1 14%

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Activities Terminal 6:00 12 أبريل 94%
(anaconda3)iffishells@iffishells:~$ sntp --version
sntp 4.2.8p12@1.3728-o (1)
(anaconda3)iffishells@iffishells:~$
```

```
Activities Terminal 6:01 12 أبريل 95%
(anaconda3)iffishells@iffishells:~$ sudo systemctl restart ntp
(anaconda3)iffishells@iffishells:~$
```

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Activities Terminal 6:02 12 أبريل 95%
iffishells@iffishells: ~
system-config-printer      systemd-delta              systemd-path
system-config-printer-applet systemd-detect-virt         systemd-resolve
systemctl                  systemd-escape             systemd-run
systemd                     systemd-hwdb               systemd-socket-activate
systemd-analyze            systemd-id128              systemd-stdio-bridge
systemd-ask-password       systemd-inhibit            systemd-sysusers
systemd-cat                systemd-machine-id-setup   systemd-tmpfiles
systemd-cgls                systemd-mount              systemd-tty-ask-password-agent
systemd-cgtop               systemd-notify             systemd-umount
(anaconda3)iffishells@iffishells:~$ sudo systemctl status ntp
● ntp.service - Network Time Service
   Loaded: loaded (/lib/systemd/system/ntp.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2021-04-12 06:01:47 PKT; 22s ago
     Docs: man:ntpd(8)
  Process: 1204495 ExecStart=/usr/lib/ntp/ntp-systemd-wrapper (code=exited, status=0/SUCCESS)
    Main PID: 1204503 (ntpd)
       Tasks: 2 (limit: 19024)
      Memory: 2.2M
    CGroup: /system.slice/ntp.service
            └─1204503 /usr/sbin/ntpd -p /var/run/ntpd.pid -g -u 126:134

06:01:52 12 أبريل | iffishells ntpd[1204503]: Soliciting pool server 51.155.16.62
06:01:52 12 أبريل | iffishells ntpd[1204503]: Soliciting pool server 46.227.200.78
06:01:52 12 أبريل | iffishells ntpd[1204503]: Soliciting pool server 176.235.41.255
06:01:52 12 أبريل | iffishells ntpd[1204503]: Soliciting pool server 91.189.94.4
06:01:53 12 أبريل | iffishells ntpd[1204503]: Soliciting pool server 91.189.91.157
06:01:53 12 أبريل | iffishells ntpd[1204503]: Soliciting pool server 176.235.22.135
06:01:53 12 أبريل | iffishells ntpd[1204503]: Soliciting pool server 5.20.0.20
06:01:57 12 أبريل | iffishells ntpd[1204503]: receive: Unexpected origin timestamp 0xe41e1a84.06823f6b does not match aorg
06:01:57 12 أبريل | iffishells ntpd[1204503]: receive: Unexpected origin timestamp 0xe41e1a84.067d5826 does not match aorg
06:01:57 12 أبريل | iffishells ntpd[1204503]: receive: Unexpected origin timestamp 0xe41e1a84.0685075b does not match aorg
lines 1-21/21 (END)
```

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Activities Terminal 6:02 12 أبريل 95%
iffishells@iffishells: ~
(anaconda3)iffishells@iffishells:~$ sudo apt install ntpdate
Reading package lists... Done
Building dependency tree
Reading state information... Done
ntpdate is already the newest version (1:4.2.8p12+dfsg-3ubuntu4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
(anaconda3)iffishells@iffishells:~$
```

```
Activities Terminal 6:13 12 أبريل 100%
(anaconda3)iffishells@iffishells:~$ sudo vim /etc/hosts
(anaconda3)iffishells@iffishells:~$
```

```
Activities Terminal 6:14 12 أبريل 100%
(anaconda3)iffishells@iffishells:~$ sudo ntpdate ntp-server-host
Exiting, name server cannot be used: Temporary failure in name resolution (-3)12 Apr 06:14:04 ntpdate[1228876]: name server cannot be used: Temporary failure in name resolution (-3)
(anaconda3)iffishells@iffishells:~$ sudo vim /etc/hosts
(anaconda3)iffishells@iffishells:~$ sudo ntpdate ntp-server-host
12 Apr 06:14:45 ntpdate[1230815]: the NTP socket is in use, exiting
(anaconda3)iffishells@iffishells:~$
```

```
Activities Terminal 6:16 12 أبريل 98%
(anaconda3)iffishells@iffishells:~$ sudo apt install ntp
Reading package lists... Done
Building dependency tree
Reading state information... Done
ntp is already the newest version (1:4.2.8p12+dfsg-3ubuntu4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
(anaconda3)iffishells@iffishells:~$
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```
Activities Terminal 6:17 12 أبريل 98%
# /etc/ntp.conf, configuration for ntpd; see ntp.conf(5) for help
driftfile /var/lib/ntp/ntp.drift

# Leap seconds definition provided by tzdata
leapfile /usr/share/zoneinfo/leap-seconds.list

# Enable this if you want statistics to be logged.
#statsdir /var/log/ntpstats/

statistics loopstats peerstats clockstats
filegen loopstats file loopstats type day enable
filegen peerstats file peerstats type day enable
filegen clockstats file clockstats type day enable

# Specify one or more NTP servers.

# Use servers from the NTP Pool Project. Approved by Ubuntu Technical Board
# on 2011-02-08 (LP: #104525). See http://www.pool.ntp.org/join.html for
# more information.
server ntp-server-host iburst

#pool 0.ubuntu.pool.ntp.org iburst
#pool 1.ubuntu.pool.ntp.org iburst
#pool 2.ubuntu.pool.ntp.org iburst
#pool 3.ubuntu.pool.ntp.org iburst

pool 0.europe.pool.ntp.org iburst
pool 1.europe.pool.ntp.org iburst
pool 2.europe.pool.ntp.org iburst
pool 3.europe.pool.ntp.org iburst
"/etc/ntp.conf" 67L, 2308C

22,0-1 Top
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Activities Terminal 6:19 12 أبريل 2020
iffishells@iffishells: ~
(anaconda3)iffishells@iffishells:~$ sudo systemctl restart ntp
(anaconda3)iffishells@iffishells:~$ ntpq -t
/usr/bin/ntpq: illegal option -- t
ntpq - standard NTP query program - Ver. 4.2.8p12
Usage: ntpq [ -<flag> [<val>] | --<name>[<val>] ]... [ host ...]
Try 'ntpq --help' for more information.
(anaconda3)iffishells@iffishells:~$ ntpq -p
=====
remote          refid          st t when poll reach  delay  offset  jitter
=====
0.europe.pool.n .POOL.         16 p - 64    0   0.000   0.000   0.000
1.europe.pool.n .POOL.         16 p - 64    0   0.000   0.000   0.000
2.europe.pool.n .POOL.         16 p - 64    0   0.000   0.000   0.000
3.europe.pool.n .POOL.         16 p - 64    0   0.000   0.000   0.000
ntp.ubuntu.com  .POOL.         16 p - 64    0   0.000   0.000   0.000
ntp-server-host .INIT.         16 u - 64    0   0.000   0.000   0.000
#router-vzb.serv 86.90.58.100   3 u 11 64    1 303.815 55.951 212.286
+ntp2.wtnet.de   10.129.9.96    2 u 11 64    1 193.089  4.629 124.398
+stz-bg.com      230.226.69.180 2 u 16 64    1 324.942 -44.523 196.583
+promethee.boudo 51.75.141.62   3 u 16 64    1 179.854  3.457 125.017
+any.time.nl     202.156.0.34   2 u 17 64    1 153.543 11.651 264.238
+mail.hellmann.n 52.239.121.49   3 u 25 64    1 340.860 -76.526  90.508
*main13.ip-conne 62.149.0.30     2 u 30 64    1 340.801 -56.239  79.319
+ntp1.as200552.n 194.80.204.184 2 u 42 64    1 287.704 -41.584  68.746
+bwntpz.bluewin. 195.186.5.101   2 u 39 64    1 332.771  85.124 110.447
+tryler.ludost.n 20.39.126.15    2 u 50 64    1 193.029  5.825 125.791
+pyrrha.fi.muni. 195.113.144.201 2 u 55 64    1 198.418  5.538  44.395
=====
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