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— 2024/09/25 08:28

(NTP)

NTP(ntpd, ntpdate)  
systemd-timesyncd

chrony

systemd-timesyncd systemd

timedatectl status 가 System clock synchronized: yes  
가

```
(venv) [root@r9-director ~]# timedatectl status
      Local time: Wed 2024-09-25 17:29:57 KST
      Universal time: Wed 2024-09-25 08:29:57 UTC
      RTC time: Wed 2024-09-25 08:29:58
      Time zone: Asia/Seoul (KST, +0900)
System clock synchronized: yes
      NTP service: active
      RTC in local TZ: no
(venv) [root@r9-director ~]#
```

/etc/systemd/timesyncd.conf

NTP

journalctl -u systemd-timesyncd

NTP

```
root@test-ubuntu:~# journalctl -u systemd-timesyncd
Aug 06 06:53:29 koov systemd[1]: Starting Network Time Synchronization...
Aug 06 06:53:29 koov systemd[1]: Started Network Time Synchronization.
Aug 06 06:53:31 koov systemd-timesyncd[623]: Network configuration changed,
trying to establish connection.
Aug 06 06:54:02 koov systemd-timesyncd[623]: Network configuration changed,
trying to establish connection.
Aug 06 06:54:02 koov systemd-timesyncd[623]: Network configuration changed,
trying to establish connection.
Aug 06 06:54:33 koov systemd-timesyncd[623]: Initial synchronization to time
server 185.125.190.57:123 (ntp.ubuntu.com).
Aug 06 07:02:59 test-ubuntu systemd[1]: Stopping Network Time
Synchronization...
Aug 06 07:02:59 test-ubuntu systemd[1]: systemd-timesyncd.service:
Deactivated successfully.
Aug 06 07:02:59 test-ubuntu systemd[1]: Stopped Network Time
```

```
Synchronization.
-- Boot 2b8f74f04ef54fbf8a75293f8688a329 --
Aug 06 07:03:07 test-ubuntu systemd[1]: Starting Network Time
Synchronization...
Aug 06 07:03:07 test-ubuntu systemd[1]: Started Network Time
Synchronization.
Aug 06 07:03:08 test-ubuntu systemd-timesyncd[631]: Network configuration
changed, trying to establish connection.
Aug 06 07:03:09 test-ubuntu systemd-timesyncd[631]: Network configuration
changed, trying to establish connection.
Aug 06 07:03:40 test-ubuntu systemd-timesyncd[631]: Initial synchronization
to time server 185.125.190.58:123 (ntp.ubuntu.com).
Aug 06 08:27:03 test-ubuntu systemd[1]: Stopping Network Time
Synchronization...
Aug 06 08:27:04 test-ubuntu systemd[1]: systemd-timesyncd.service:
Deactivated successfully.
Aug 06 08:27:04 test-ubuntu systemd[1]: Stopped Network Time
Synchronization.
-- Boot 5a4b1cdfcea74a018df6507220ebf39b --
Sep 25 09:01:22 test-ubuntu systemd[1]: Starting Network Time
Synchronization...
Sep 25 09:01:22 test-ubuntu systemd[1]: Started Network Time
Synchronization.
Sep 25 09:01:24 test-ubuntu systemd-timesyncd[641]: Network configuration
changed, trying to establish connection.
Sep 25 09:01:55 test-ubuntu systemd-timesyncd[641]: Network configuration
changed, trying to establish connection.
Sep 25 09:01:55 test-ubuntu systemd-timesyncd[641]: Network configuration
changed, trying to establish connection.
Sep 25 09:02:27 test-ubuntu systemd-timesyncd[641]: Initial synchronization
to time server 91.189.91.157:123 (ntp.ubuntu.com).
```

debian/ubuntu

RedHat

chrony

- <https://wiki.archlinux.org/title/Systemd-timesyncd>
- <https://manpages.debian.org/bookworm/systemd-timesyncd/systemd-timesyncd.8.en.html>

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