systemd-time-wait-sync.service

- Description
- Files
- See Also

systemd

systemd-time-wait-sync.service

8

systemd-time-wait-sync.service

systemd-time-wait-sync

Wait until kernel time is synchronized

`systemd-time-wait-sync.service`

`/usr/lib/systemd/systemd-time-wait-sync`

Description

`systemd-time-wait-sync` is a system service that delays the start of units that are ordered after `time-sync.target` (see `systemd.special(7)` for details) until the system time has been synchronized with an accurate remote reference time source by `systemd-timesyncd.service`.

`systemd-timesyncd.service` notifies `systemd-time-wait-sync` about successful synchronization. `systemd-time-wait-sync` also tries to detect when the kernel marks the system clock as synchronized, but this detection is not reliable and is intended only as a fallback for compatibility with alternative NTP services that can be used to synchronize time (e.g., ntpd, chronyd).

Files

`/run/systemd/timesync/synchronized`
The presence of this file indicates to this service that the system clock has been synchronized.

See Also

`systemd(1)`, `systemd.special(7)`, `systemd-timesyncd.service(8)`

□□□ #2
□ □□□ □□□ 2026-10-31 15:03:01 UTC
□ □□□ □□□ 2026-10-31 15:03:02 UTC