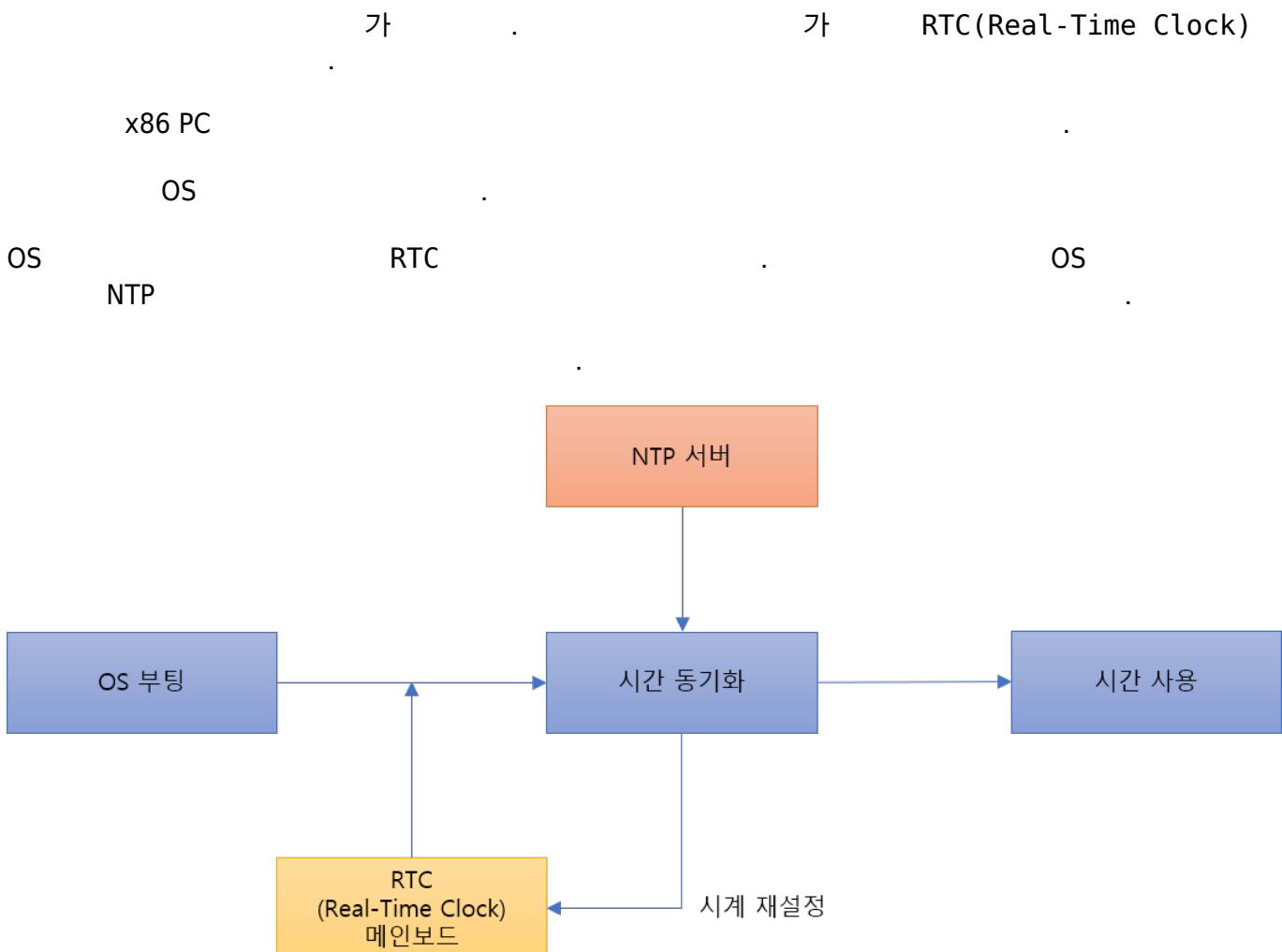


Linux time UTC KST RTC	3
.....	3
.....	4
.....	4
.....	4

Linux time UTC KST RTC



가

UTC(Universal Time, Coordinated)

GMT (Greenwich Mean Time)

가

0

360

UTC GMT

UTC

UTC GMT

가

+

UTC+09:00 KST(Korea Standard Time)

9

0

9

IT local time

가

KST

?

UTC

locale

- Windows RTC
- Linux RTC + local time

Linux RTC UTC

RTC가 00:00 00:00
09:00 NTP

```
root@server:~# timedatectl
    Local time: Thu 2021-05-06 00:43:18 KST      # <-      OS
    Universal time: Wed 2021-05-05 15:43:18 UTC    # <- UTC
    RTC time: Wed 2021-05-05 15:43:19      # <-      RTC
    Time zone: Asia/Seoul (KST, +0900)      # <- OS
timezone
System clock synchronized: yes      # <- RTC  OS
NTP service: active      # <- NTP
RTC in local TZ: no      # <- RTC
localtime
```

root@server:~#

RTC localtime

가

```
$ timedatectl set-local-rtc yes
```

RTC localtime

UTC RTC localtime 09:00

```
root@talk:~# timedatectl set-local-rtc yes
root@talk:~# timedatectl
          Local time: Thu 2021-05-06 01:38:28 KST
          Universal time: Wed 2021-05-05 16:38:28 UTC
                  RTC time: Thu 2021-05-06 01:38:28
                  Time zone: Asia/Seoul (KST, +0900)
System clock synchronized: yes
          NTP service: active
        RTC in local TZ: yes
```

Warning: The system is configured to read the RTC time in the local time zone.

This mode cannot be fully supported. It will create various problems with time zone changes and daylight saving time adjustments. The RTC time is never updated, it relies on external facilities to maintain it.

If at all possible, use RTC in UTC by calling
`'timedatectl set-local-rtc 0'`

가

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Last update: **2021/05/05 16:40**

