## 2. timedatectl 命令

### 2.1 使用帮助

[root@localhost ~]# timedatectl -h

timedatectl [OPTIONS...] COMMAND ...

Query or change system time and date settings.

-h --help Show this help

--version Show package version

--adjust-system-clock

Adjust system clock when changing local RTC mode

--no-pager Do not pipe output into a pager

-P --privileged Acquire privileges before execution

--no-ask-password Do not prompt for password

-H --host=[USER@]HOST Operate on remote host

Commands:

status Show current time settings

set-time TIME Set system time

set-timezone ZONE Set system timezone

list-timezones Show known timezones

set-local-rtc BOOL Control whether RTC is in local time

set-ntp BOOL Control whether NTP is enabled

### 2.2 命令示例

1.显示系统的当前时间和日期

timedatectl

# timedatectl status

# 两条命令效果等同

2.设置日期与时间

timedatectl set-time "YYYY-MM-DD HH:MM:SS"

timedatectl set-time "YYYY-MM-DD"

timedatectl set-time "HH:MM:SS"

3.查看所有可用的时区

timedatectl list-timezones# 亚洲

timedatectl list-timezones | grep -E "Asia/S.\*"

4.设置时区

timedatectl set-timezone Asia/Shanghai

5.设置硬件时间

# 硬件时间默认为UTC

timedatectl set-local-rtc 1

# hwclock --systohc --localtime

# 两条命令效果等同

6.启用时间同步

timedatectl set-ntp yes

# yes或no; 1或0也可以

1. date -s ‘2020-10-09 10:10:10’
2. Clock -w
3. Hwclock -w