



Configuring the System Clock

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Overview for System Clock

The system clock can be implemented in two ways. One is to automatically synchronize the time from the Simple Network Time Protocol (SNTP) server as the SNTP client, and the other can be configured by the administrator.

The system clock is divided into hardware clock and software clock. After configuring the system time manually, restart the device. If the default time is restored after restarting, it means that the hardware clock is not supported and only the software clock is supported.

Configuring the System Clock

SUMMARY STEPS

1. **enable**
2. **clock set** *HH:MM:SS YYYY/MM/DD*
3. **configure terminal**
4. **clock timezone** *zone-name hours- offset minutes-offset*
5. **clock summer-time** { *dayly* | *weekly* }
6. **show clock**

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable Example: Device> enable	Enables privileged EXEC mode. Enter your password if prompted.

	Command or Action	Purpose
Step 2	clock set <i>HH:MM:SS YYYY/MM/DD</i> Example: Device# clock set 10:03:33	Configures the system clock.
Step 3	configure terminal Example: Device# configure terminal	(Optional) Enters global configuration mode.
Step 4	clock timezone <i>zone-name hours- offset minutes-offset</i> Example: Device(config)# configure terminal	(Optional) Configures the system time zone.
Step 5	clock summer-time { <i>daily</i> <i>weekly</i> } Example: Device(config)# clock summer-time <i>daily</i> 00:00:00 2021/03/12 00:00:00 2021/11/0 5	(Optional) Configures summer time.
Step 6	show clock Example: Device(config)# show clock	(Optional) Displays information about the system clock.

Example: Configuring the System Clock

The following example shows how to configure the system clock:

```
Device> enable
Device# clock set 17:50:50 2015/11/25
```

```
Set clock successfully.
Clock will be reset to 2013/01/01 00:00:00 after system rebooting because there
is no realtime clock chip.
```