

Advantech AE Technical Share Document

Date	2018 / 11 / 28	SR#	1-3609403743
Category	■FAQ □SOP	Related OS	Ubuntu 12.04
Abstract	How to solve the time different between OS & BIOS		
Keyword	Ubuntu 12.04, BIOS		
Related Product	UNO-series		

■ Problem Description:

Ubuntu12.04 would happen the time is different with BIOS even change to the different time zone.

■ Problem Analysis:

Do the cross test with different OS(Windows or newer version Ubuntu)& different version BIOS, Confirmed the time issue is relative with Ubuntu12.04 parameter.

■ Brief Solution - Step by Step:

1. To execute the below command for open the /etc/default/rcS folder
`sudo gedit /etc/default/rcS`
2. Change the command from **UTC=yes** to **UTC=no** in the file and add one command **GMT=no** as below image.
3. Save the file & reboot the device. The time will be sync between in BIOS & OS.

```

rcS (/etc/default) - gedit
File Edit View Search Tools Documents Help
Open Save Undo Redo
# This file belongs to the "initscripts" package.

# delete files in /tmp during boot older than x days.
# '0' means always, -1 or 'infinite' disables the feature
TMPTIME=0

# spawn slogin during boot, continue normal boot if not used in 30
seconds
SULOGIN=no

# do not allow users to log in until the boot has completed
DELAYLOGIN=no

# assume that the BIOS clock is set to UTC time (recommended)
UTC=no
GMT=no

# be more verbose during the boot process
VERBOSE=no

# automatically repair filesystems with inconsistencies during boot
FSCKFIX=no
  
```

■ Contact Window and File Link:

If you have any questions, please contact Jerry.Cheng@advantech.com.tw