

## 1. Issue Description:

gNB fails to upgrade by CLI commands and reports ERROR “YEAS 2000 IS TOO OLD”.

```
[root@gnb ~]#  
[root@gnb ~]#  
[root@gnb ~]# ./5GMR_ax.tdd.fr1.2.2.3.X_358_r49999_i19_20220809_131700.pkg  
ERROR: YEAS 2000 IS TOO OLD
```

**Note: Upgrade by CLI commands cant inherit parameter configuration.**

## 2. Troubleshooting Procedure

Query BBU system date by command: date

```
[root@gnb ~]# time  
real    0m0.000s  
user    0m0.000s  
sys     0m0.000s  
[root@gnb ~]# date  
Mon Mar  6 01:58:24 CST 2000  
[root@gnb ~]# date -u  
Sun Mar  5 17:58:55 UTC 2000  
[root@gnb ~]# date -s "2023-07-12 14:00:00"  
Wed Jul 12 14:00:00 CST 2023  
[root@gnb ~]#  
[root@gnb ~]#
```

It shows Year 2000.

Suspect CMOS battery aging.

Power off for 5 minutes and power on again to double confirm. If the system date is still Year 2000 which Can verify CMOS battery run out or low voltage and need be replaced.

## 3. Solution

### 3.1 Temporary solution:

Modify the system date manually and upgrade.

#Date -s “Year-Month-Day Hour-Minute-Second”

#hwclock -w

### 3.2 Permanent solution:

Replace CMOS battery.