

一、问题描述:

MSR3610 (所有支持SIC-4G-LTE的V7设备通用), 插入SIC-4G-LTE卡后卡能识别, 但是modem一直显示Absent, 如下所示:

```
=====display version=====
```

H3C Comware Software, Version 7.1.059, Release 0304P15

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H3C MSR36-10 uptime is 0 weeks, 0 days, 0 hours, 2 minutes

Last reboot reason : Power on

Boot image: cfa0:/msr36-cmw710-boot-r0304p15.bin

Boot image version: 7.1.059P08, Release 0304P15

Compiled Nov 14 2015 13:41:09

System image: cfa0:/msr36-cmw710-system-r0304p15.bin

System image version: 7.1.059, Release 0304P15

Compiled Nov 14 2015 13:41:09

Feature image(s) list:

cfa0:/msr36-cmw710-security-r0304p15.bin, version: 7.1.059

Compiled Nov 14 2015 13:41:09

CPU ID: 0x2

2G bytes DDR3 SDRAM Memory

8M bytes Flash Memory

PCB Version: 2.0

CPLD Version: 2.0

Basic BootWare Version: 1.43

Extended BootWare Version: 1.43

[SLOT 0]AUX (Hardware)2.0, (Driver)1.0, (CPLD)2.0

[SLOT 0]GE0/0 (Hardware)2.0, (Driver)1.0, (CPLD)2.0

[SLOT 0]GE0/1 (Hardware)2.0, (Driver)1.0, (CPLD)2.0

[SLOT 0]GE0/2 (Hardware)2.0, (Driver)1.0, (CPLD)2.0

[SLOT 0]CELLULAR0/0 (Hardware)2.0, (Driver)1.0, (CPLD)2.0

[SLOT 0]CELLULAR0/1 (Hardware)2.0, (Driver)1.0, (CPLD)2.0

[SLOT 2]SIC-4G-LTE (Hardware)2.0, (Driver)1.1, (CPLD)1.0

```
=====controller infomation=====
```

Cellular0/0

Current state: DOWN

Description: Cellular0/0 Interface

Modem status: Absent

Cellular0/1

Current state: DOWN

Description: Cellular0/1 Interface

Modem status: Absent

Cellular2/0

Current state: DOWN

Description: Cellular2/0 Interface

Modem status: Absent

## 二、过程分析:

原因为SIC-4G-LTE在生产过程中升级更新Modem芯片所致，前期LTE采用采用D51Q2模块，后期更新采用U8300C模块，U8300C模块相较于D51Q2模块，支持的网络更加丰富，除了WCDMA的900Mz频段之外，其他网络制式都可支持，当然也需要路由器主机版本更新才能兼容支持新卡。

两种4G卡可通过查看SIC卡上的4G模块标记确认：

老卡：D51Q2

新卡：U8300C

## 四、解决方法:

如果是D51Q2模块，需要在R0105P06版本之后支持（R0105P06版本之前不支持SIC-4G-LTE卡）；

如果是U8300C模块，需要升级到R0305版本之后才可支持。