Fibocom NL668-EAU

DUT : RSB4710

OS : Android7

Patch

1.Device

The /dev/ttyUSB6 is AT port and /dev/ttyUSB5 is modem port. The /dev/ttyUSB0~/dev/ttyUSB4 is cp210x-232-485 module port.

+service ril-daemon /system/bin/rild -l /system/lib/libreference-ril.so -- -d /dev/ttyUSB6 -m /dev/ttyUSB5 -w 2

+ class main

+ socket rild stream 660 root radio

+ socket rild-debug stream 660 radio system

+ user root

+ group radio cache inet misc audio sdcard\_rw log

+

Make sure both property in System.prop

rild.libargs=-d /dev/ttyUSB6

rild.libpath=/system/lib64/libreference-ril.so

2.Kernel

In the porting guide, to build the GobiNetDriver as module and insmod it. However, it is not necessary. It can connect to internet by using ppp without usb0 interface.

(The interface usb0 will be generated by insmod GobiNet.ko)

3.Hal

Replace those files in the ~/hardware/ril/reference-ril/ with files the vendor provided.

(The interface usb0 will be generated by insmod GobiNet.ko)

The hal code will call ppp to connect to internet. Please use following command to verify it.

There are a lot of properties will be defined.

# getprop | grep ppp

Ping command

# ping 8.8.8.8

PS: It don’ have to be set up APN setting.