

OsmoGSMTester - Bug #2188

Bug # 2187 (Closed): ofono: not all modems do what they should

ofono: Gobi modem refuses to set Online=true

04/25/2017 03:36 PM - neels

Status: Closed	Start date: 04/25/2017
Priority: Low	Due date:
Assignee: neels	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description /gobi_1 has an Online property but errors when set to true. Hence it does not go online.	
Related issues: Related to OsmoGSMTester - Bug #2238: ofono: Gobi modem: cannot receive SMS In Progress 05/05/2017 Related to OsmoGSMTester - Bug #2237: ofono: Gobi modem: successful SMS deliv... Feedback 05/05/2017	

History

#1 - 04/27/2017 02:08 AM - neels

- Priority changed from Normal to Low

#2 - 04/27/2017 02:09 AM - neels

looks like we're not going to use the Gobi, so don't worry about it for now.
Not sure whether we should reject this issue vs. keep it for later...

#3 - 05/02/2017 03:29 PM - lynxis

- Status changed from New to Resolved

The problem was the extra firmware of the gobi module.
We're using now:

```
18d161dc5e9db5e795b1f1026e47d0590b6cc0ed9bef824ac0c4b771b529c364 /lib/firmware/gobi/amss.mbn
cd7d9adaccf59f02b3bc8261334ed83c7644fbdbf697055189533467d6c882b2 /lib/firmware/gobi/apps.mbn
37dfc789f899d0ec4c8ba2c403a1a4bc266c9017c94f2b90912e1b7e978c42e7 /lib/firmware/gobi/UQCN.mbn
```

`qmicli -d /dev/cdc-wdm0 --dms-get-operating-mode` showed with wrong firmware also:

```
[/dev/cdc-wdm0] Operating mode retrieved:
Mode: 'offline'
Reason: 'host-image-misconfiguration, pri-image-misconfiguration'
HW restricted: 'no'
```

#4 - 05/02/2017 03:32 PM - lynxis

- Status changed from Resolved to Feedback
- Assignee changed from lynxis to neels

#5 - 05/15/2017 01:11 PM - neels

- Status changed from Feedback to Resolved

The new firmware fixed the Online=true issue;

(other problems are discussed in separate issues.

The Gobi now registers successfully. It does send SMS but then thinks it was unsuccessful, so resends N times, all being delivered to the recipient. It does receive SMS but omits the ofono Dbus signal that an SMS was received.

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#6 - 05/15/2017 01:11 PM - neels

- Related to Bug #2238: ofono: Gobi modem: cannot receive SMS added

#7 - 05/15/2017 01:11 PM - neels

- Related to Bug #2237: ofono: Gobi modem: successful SMS delivery is evaluated as not successful added

#8 - 08/08/2017 07:07 PM - laforge

- Status changed from Resolved to Closed

#9 - 08/29/2017 09:40 AM - pespin

I have the same issue in my local PC.

I am using the ones from <https://github.com/jolicloud/linux-firmware/tree/master/gobi>. These are the ones coming with package "gobi-firmware" from AUR in archlinux and are listed too in https://osmocom.org/projects/quectel-modems/wiki/Gobi_modems. Are those the correct ones? Which tool are you using to generate the hashes you showed in your previous comment?

#10 - 08/29/2017 09:43 AM - pespin