

OsmoGSMTester - Bug #2941

ofono: SierraW sometimes crashing while deactivating a context.

02/13/2018 04:15 PM - pespin

Status:	New	Start date:	02/13/2018
Priority:	Normal	Due date:	
Assignee:	lynxis	% Done:	0%
Category:			
Target version:			
Spec Reference:			

Description

I am looking at all the crashes, and before not being able to access the modem (tests failing) there's a first different failure. from osmo-gsm-tester:

```
15:02:17.133244 tst /sierra_2: DBG: 'org.ofono.ConnectionManager'.PropertyC
changed() -> Attached=True [trial-5267~gprs:octphy~/sierra_2] [modem.py:723]
15:02:17.140183 tst /sierra_2: DBG: attached: True [trial-5267~gprs:octphy
~/sierra_2] [modem.py:579]
15:02:17.140818 tst /sierra_2: DBG: activate_context {apn='inet46', protoco
l='ip', user='ogt'} [trial-5267~gprs:octphy~/sierra_2] [modem.py:599]
15:02:21.038076 tst /sierra_2: context activated {apn='inet46', path='/sier
ra_2/context2', properties={AccessPointName='inet46', Active=True, AuthenticationMethod='chap', IP
v6.Settings={}, Name='Internet', Password='', Protocol='ip', Settings={Address='176.16.46.1', Doma
inNameServers=['8.8.8.8', '8.8.8.8'], Gateway='176.16.46.2', Interface='wwan1', Method='static', N
etmask='255.255.255.252'}, Type='internet', Username='ogt'}, user='ogt'} [trial-5267~gprs:octphy~/
sierra_2] [modem.py:613]
15:02:26.049407 tst /sierra_2: DBG: deactivate_context {path='/sierra_2/con
text2'} [trial-5267~gprs:octphy~/sierra_2] [modem.py:617]
15:03:03.295353 tst ping.py:53: ERR: Error: g-io-error-quark: GDBus.Error:org
.glib.GError:Failed: Operation failed (36) [trial-5267~gprs:octphy~ping.py:53] [proxy_method.py
:75: 0, timeout_to_glib(timeout), None).unpack()]
15:03:03.298508 tst ping.py:53: TRACEBACK: Traceback (most recent call last)
:
File "/home/jenkins/workspace/osmo-gsm-tester_run/osmo-gsm-tester/src/osmo_gsm_tester/test.py", l
ine 61, in run
self.path)
File "/home/jenkins/workspace/osmo-gsm-tester_run/osmo-gsm-tester/src/osmo_gsm_tester/util.py", l
ine 326, in run_python_file
spec.loader.exec_module( importlib.util.module_from_spec(spec) )
File "<frozen importlib._bootstrap_external>", line 673, in exec_module
File "<frozen importlib._bootstrap>", line 222, in _call_with_frames_removed
File "/home/jenkins/workspace/osmo-gsm-tester_run/osmo-gsm-tester/suites/gprs/ping.py", line 53,
in <module>
ms.deactivate_context(ctx_id_v4)
File "/home/jenkins/workspace/osmo-gsm-tester_run/osmo-gsm-tester/src/osmo_gsm_tester/modem.py",
line 619, in deactivate_context
ctx.SetProperty('Active', Variant('b', False))
File "/usr/local/lib/python3.5/dist-packages/pydbus/proxy_method.py", line 75, in __call__
0, timeout_to_glib(timeout), None).unpack()
GLib.GError: g-io-error-quark: GDBus.Error:org.ofono.Error.Failed: Operation failed (36)
[trial-5267~gprs:octphy~ping.py:53] [test.py:104]
[17:07:27] <pespin> so the test basically waits until the context is activated (15:02:21), then wa
its for 5 seconds, and then deactivates it (15:02:26)
[17:08:01] <pespin> but deactivating it fails after the call is stuck for a few seconds (15:03:03)
with Error.Failed: Operation failed (36)
[17:08:11] <pespin> Then, looking at ofono trace:
[17:08:45] <pespin> eb 13 15:02:21.016686 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gpr
s-context.c:get_settings_cb()
Feb 13 15:02:21.016714 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:get_set
tings_cb() APN: inet46
Feb 13 15:02:21.016740 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:get_set
```

```

tings_cb() PDP type 3
Feb 13 15:02:21.016771 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:get_set
tings_cb() IP addr: 176.16.46.1
Feb 13 15:02:21.016800 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:get_set
tings_cb() Gateway: 176.16.46.2
Feb 13 15:02:21.016828 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:get_set
tings_cb() Gateway netmask: 255.255.255.252
Feb 13 15:02:21.016856 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:get_set
tings_cb() Primary DNS: 192.168.100.1
Feb 13 15:02:21.016882 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:get_set
tings_cb() Secondary DNS: 8.8.8.8
Feb 13 15:02:21.016914 osmo-gsm-tester-prod ofonod[18915]: src/modem.c:get_modem_property() modem
0x55d391490920 property NetworkInterface
Feb 13 15:02:21.016945 osmo-gsm-tester-prod ofonod[18915]: src/gprs.c:pri_activate_callback() 0x55
d3914a02f0
Feb 13 15:02:26.058379 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:qmi_dea
ctivate_primary() cid 1
Feb 13 15:02:26.058639 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/qmibridge.c:ask_qmi()
_REQ: QMI QMUX:
                                     QMI length = 19
                                     QMI flags = 0x00
                                     QMI service = "wds"
                                     QMI client = 9
                                     QMI QMI:
                                     QMI flags = "none"
                                     QMI transaction = 344
                                     QMI tlv_length = 7
                                     QMI message = "Stop Network" (0x00
21)
                                     QMI TLV:
                                     QMI type = "Packet Data Handle"
(0x01)
                                     QMI length = 4
                                     QMI value = F8:6C:D5:43
                                     QMI translated = 1138060536
Feb 13 15:03:03.281453 osmo-gsm-tester-prod ofonod[18915]: plugins/udevng.c:remove_device() /sys/d
evices/pci0000:00/0000:00:12.2/usb1/1-1/1-1.7/1-1.7.2/1-1.7.2:1.0/ttyUSB10/tty/ttyUSB10
Feb 13 15:03:03.281497 osmo-gsm-tester-prod ofonod[18915]: plugins/udevng.c:destroy_modem() /sys/d
evices/pci0000:00/0000:00:12.2/usb1/1-1/1-1.7/1-1.7.2
Feb 13 15:03:03.281524 osmo-gsm-tester-prod ofonod[18915]: src/modem.c:ofono_modem_remove() 0x55d3
91490920
Feb 13 15:03:03.281549 osmo-gsm-tester-prod ofonod[18915]: src/modem.c:modem_unregister() 0x55d391
490920
Feb 13 15:03:03.281576 osmo-gsm-tester-prod ofonod[18915]: src/modem.c:modem_change_state() old st
ate: 3, new state: 0
Feb 13 15:03:03.281599 osmo-gsm-tester-prod ofonod[18915]: src/modem.c:flush_atoms()
Feb 13 15:03:03.281648 osmo-gsm-tester-prod ofonod[18915]: src/gprs.c:gprs_context_unregister() 0x
55d391536b20, 0x55d3914e7fe0
Feb 13 15:03:03.286171 osmo-gsm-tester-prod ofonod[18915]: src/gprs.c:gprs_context_remove() atom:
0x55d3914f3520
Feb 13 15:03:03.286196 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs-context.c:qmi_gpr
s_context_remove()
Feb 13 15:03:03.286290 osmo-gsm-tester-prod ofonod[18915]: plugins/bluez5.c:bt_unregister_profile(
) Bluetooth: Unregistering profile /bluetooth/profile/dun_gw
Feb 13 15:03:03.286414 osmo-gsm-tester-prod ofonod[18915]: src/gprs.c:gprs_unregister() 0x55d3914e
7fe0
Feb 13 15:03:03.312084 osmo-gsm-tester-prod ofonod[18915]: src/network.c:__ofono_netreg_remove_sta
tus_watch() 0x55d3915007d0
Feb 13 15:03:03.312158 osmo-gsm-tester-prod ofonod[18915]: src/gprs.c:gprs_remove() atom: 0x55d391
4e8090
Feb 13 15:03:03.312181 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/gprs.c:qmi_gprs_remove
()
Feb 13 15:03:03.312250 osmo-gsm-tester-prod ofonod[18915]: src/ussd.c:ussd_remove() atom: 0x55d391
500720
Feb 13 15:03:03.312270 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/ussd.c:qmi_ussd_remove
()
Feb 13 15:03:03.317890 osmo-gsm-tester-prod ofonod[18915]: src/sim.c:ofono_sim_remove_spn_watch()

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```
0x55d3914ab790
Feb 13 15:03:03.317964 osmo-gsm-tester-prod ofonod[18915]: src/network.c:netreg_remove() atom: 0x55d391500880
Feb 13 15:03:03.317985 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/network-registration.c:qmi_netreg_remove()
Feb 13 15:03:03.318052 osmo-gsm-tester-prod ofonod[18915]: plugins/push-notification.c:push_notification_cleanup() 0x55d391438320
Feb 13 15:03:03.318098 osmo-gsm-tester-prod ofonod[18915]: plugins/smart-messaging.c:smart_messaging_cleanup() 0x55d391538e70
Feb 13 15:03:03.318143 osmo-gsm-tester-prod ofonod[18915]: src/sms.c:sms_remove() atom: 0x55d3914a0920
Feb 13 15:03:03.318163 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/sms.c:qmi_sms_remove()
Feb 13 15:03:03.330613 osmo-gsm-tester-prod ofonod[18915]: src/radio-settings.c:radio_settings_remove() atom: 0x55d3915374f0
Feb 13 15:03:03.330640 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/radio-settings.c:qmi_radio_settings_remove()
Feb 13 15:03:03.330683 osmo-gsm-tester-prod ofonod[18915]: src/phonebook.c:phonebook_remove() atom: 0x55d3914ffad0
Feb 13 15:03:03.330708 osmo-gsm-tester-prod ofonod[18915]: src/stk.c:stk_remove() atom: 0x55d391539b70
Feb 13 15:03:03.330784 osmo-gsm-tester-prod ofonod[18915]: src/location-reporting.c:location_reporting_remove() atom: 0x55d39153a4b0
Feb 13 15:03:03.330805 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/location-reporting.c:qmi_location_reporting_remove()
Feb 13 15:03:03.337816 osmo-gsm-tester-prod ofonod[18915]: src/voicecall.c:voicecall_remove() atom: 0x55d3914aaee0
Feb 13 15:03:03.337841 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/voicecall.c:qmi_voicecall_remove()
Feb 13 15:03:03.337953 osmo-gsm-tester-prod ofonod[18915]: plugins/bluez5.c:bt_unregister_profile() Bluetooth: Unregistering profile /bluetooth/profile/hfp_ag
Feb 13 15:03:03.338178 osmo-gsm-tester-prod ofonod[18915]: src/sim.c:sim_remove() atom: 0x55d391435610
Feb 13 15:03:03.338216 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/sim.c:qmi_sim_remove()
Feb 13 15:03:03.338270 osmo-gsm-tester-prod ofonod[18915]: src/modem.c:devinfo_remove() atom: 0x55d3914eb0f0
Feb 13 15:03:03.338290 osmo-gsm-tester-prod ofonod[18915]: drivers/qmimodem/devinfo.c:qmi_devinfo_remove()
Feb 13 15:03:03.338313 osmo-gsm-tester-prod ofonod[18915]: plugins/gobi.c:gobi_disable() 0x55d391490920
Feb 13 15:03:03.338336 osmo-gsm-tester-prod ofonod[18915]: src/modem.c:get_modem_property() modem 0x55d391490920 property AlwaysOnline
Feb 13 15:03:03.339583 osmo-gsm-tester-prod ofonod[18915]: plugins/gobi.c:gobi_remove() 0x55d391490920
```

It correctly sends the QMI message to the modem, and then after a few seconds we see udev asking us to remove the device ? that looks like a modem crash right?

And then indeed starting from that point all tests fail because they cannot find the object with the modem path...

I attach full test output

History

#1 - 02/13/2018 04:16 PM - pespín

And indeed, after the crash, the device is reassigned a new name, that's why we cannot find it anymore without restarting ofono (/sierra_5):

```
# mdbus2 -s org.ofono
/
/bluetooth
/bluetooth/profile
/bluetooth/profile/dun_gw
/bluetooth/profile/hfp_ag
/bluetooth/profile/hfp_hf
/gobi_0
/gobi_4
/sierra_3
/sierra_5
```

Files

trial-5267-run.tgz

5.56 MB

02/13/2018

pespin