

New issue

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5G SA service reject (semantically incorrect message) #1006

✓ Closed ramonss opened this issue on May 18, 2021 · 17 comments

Labels

Housekeeping:ToClose

ramonss commented on May 18, 2021 • edited

@acetcom

Some time after a context release (due to inactivity), the gNB sends out a uplinkNasTransport message with service request and gets a 'service reject (semantically incorrect message)' reply from the Open5GS core.

In the pcap attached, see lines 13 and 14, and later 20 and 21.

Due to this problem, the UE has to start a new registration procedure and gets a new IP address each time it becomes inactive.

Could you help me identify where the problem is? At the core, UE, or gNB?

Thank you in advance.

[open5gs_service_reject_after_context_release.zip](#)



acetcom commented on May 18, 2021

@ramonss

Refer to the following standard.

- TS24.501 Ch 4.4.6 Protection of initial NAS signalling messages
- TS33.501 Ch 6.4.6. Protection of initial NAS message

IMHO, non-cleartext IE need to be included in NAS container. So, please contact UE/gNB side.
Let me know if my understanding is wrong.

Thanks!
Sukchan



acetcom commented on May 19, 2021

@ramonss

This is an Open5GS bug. Line 13 uses the UplinkNASTransport message to deliver the Service request message. UplinkNASTransport message is not an initial NAS message. So, Open5GS should not send the Service reject message to the UE/gNB.

I modified and updated it to the main branch. It's also a really serious problem, so I've released a new package v2.2.9 right now.

Thank you for sharing it!
Sukchan

ramonss commented on May 19, 2021

@acetcom

It seems that the problem has been fixed, thank you a lot for your quick reply!

Best regards
Ramon



ramonss commented on May 19, 2021

@acetcom

I'm getting now a different problem: error indication in one of the two PDU sessions after a the PDU session re-establishment (Payload was not forwarded).

See lines 11, 13, 14 in the pcap attached.

Any ideas of could be causing this?

Thank you in advance.

Best regards

[open5gs_error_indication.zip](#)



acetcom commented on May 19, 2021

@ramonss

Can you capture http and pfcip protocol? If it is difficult, please do not filter or capture with **any** interface.

Thanks a lot!
Sukchan



ramonss commented on May 19, 2021

@acetcom

I'm suspecting it might be related to the fact that after the latest open5gs release I can no longer have two SMF instances binded to the same ::1 ipv6 addr. So I commented out the ::1 in the pfcip in each SMF conf and left only the ipv4 addr. I then changed NSSF to use the ipv4 addr instead of ::1.

What is the proper way of having two SMF instances co-existing in the same machine? Should we always use ipv6 for discovery?

```

05/19 09:30:54.011: [gmm] ERROR: [1:0] HTTP response error [404] (../src/amf/ngap-handler.c:3626)
05/19 09:30:50.615: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x2] (../src/amf/gmm-handler.c:1017)
05/19 09:30:50.617: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/19 09:30:58.765: [amf] ERROR: [1:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/19 09:31:03.809: [amf] WARNING: NGRreset (../src/amf/ngap-handler.c:3626)
05/19 09:31:03.809: [amf] WARNING: Cause[Group:5 Cause:5] (../src/amf/ngap-handler.c:3653)
05/19 09:31:03.809: [amf] WARNING: NGAP_ResetType_PR_partOfNG_Interface (../src/amf/ngap-handler.c:3707)
05/19 09:31:03.811: [amf] ERROR: [1:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/19 09:31:06.622: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x2] (../src/amf/gmm-handler.c:1017)
05/19 09:31:06.623: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)

```

```

ubuntu@open5gs-core:~$ sudo /usr/bin/open5gs-smfd -c /etc/open5gs/smf_edge.yaml
Open5GS daemon v2.2.9

05/19 09:35:59.200: [app] INFO: Configuration: '/etc/open5gs/smf_edge.yaml' (../lib/app/ogs-init.c:129)
05/19 09:35:59.200: [app] INFO: File Logging: '/var/log/open5gs/smf_edge.log' (../lib/app/ogs-init.c:132)
05/19 09:35:59.213: [smf] WARNING: No diameter configuration (../src/smf/fd-path.c:1064)
05/19 09:35:59.213: [gtp] INFO: gtp_server() [127.0.0.19]:2123 (../lib/gtp/path.c:30)
05/19 09:35:59.213: [sock] ERROR: socket bind(10) [::1]:2123 failed (98:Address already in use) (../lib/core/ogs-socket.c:109)
05/19 09:35:59.213: [sock] ERROR: udp_server() [::1]:2123 failed (98:Address already in use) (../lib/core/ogs-udp.c:62)
05/19 09:35:59.213: [app] ERROR: Failed to initialize SMF (../src/smf/app.c:28)
05/19 09:35:59.213: [app] FATAL: Open5GS initialization failed. Aborted (../src/main.c:201)

```



acetcom commented on May 19, 2021

@ramonss

In v2.2.9, I added IP collision checking. So, if two SMFs use the same IP address (:: 1) then one SMF will be exited. So, the error indication seems to be a configuration problem.

Cheers!

Sukchan



ramonss commented on May 19, 2021 • edited

@acetcom

Unfortunately, even after solving the binding address issue (now I use only ipv4 addresses), there seems still to be a problem between AMF and SMF. To reproduce the problem, I first establish two PDU sessions from the UE and then let it without activity to trigger a context release. Then after a while, I try to ping again and then get the following error/warning messages in the AMF and SMF after getting no ping reply:

The AMF keeps doing a NGRreset (*not that it thinks there are 7 UEs when in fact there are two connected*):

```

05/19 15:15:09.250: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/19 15:15:09.258: [amf] WARNING: [imsi-204950113000152:2] Receive Update SM context(DUPLICATED_PDU_SESSION_ID) (../src/amf/nsmf-handler.c:426)
05/19 15:15:09.275: [amf] ERROR: No PDU SessionResourceSetupListSUSRes (../src/amf/ngap-handler.c:1484)
05/19 15:15:10.640: [amf] WARNING: NGRreset (../src/amf/ngap-handler.c:3626)
05/19 15:15:10.640: [amf] WARNING: Cause[Group:5 Cause:5] (../src/amf/ngap-handler.c:3653)
05/19 15:15:10.640: [amf] WARNING: NGAP_ResetType_PR_partOfNG_Interface (../src/amf/ngap-handler.c:3707)
05/19 15:15:10.642: [amf] ERROR: [1:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/19 15:15:11.177: [amf] INFO: InitialUEMessage (../src/amf/ngap-handler.c:361)
05/19 15:15:11.177: [amf] INFO: [Added] Number of gNB-UEs is now 7 (../src/amf/context.c:1956)
05/19 15:15:11.178: [amf] INFO: [suci-0-204-95-0-0-0-0123456779] 5G-S TMSI[AMF_ID:0x20040,M_TMSI:0xcc00fc7f] (../src/amf/ngap-handler.c:434)
05/19 15:15:11.178: [amf] INFO: RAN_UE_NGAP_ID[11955] AMF_UE_NGAP_ID[18] TAC[3001] CellID[0x4e3c001] (../src/amf/ngap-handler.c:497)
05/19 15:15:11.178: [gmm] INFO: Service request (../src/amf/gmm-sm.c:220)

```

And the SMF keeps giving a warning of PDU session not found:

```

ubuntu@open5gs-core:~$ sudo tail -f /var/log/open5gs/smf.log
05/19 15:16:07.263: [pfc] INFO: pfc_server() [127.0.0.4]:8805 (../lib/pfc/path.c:30)
05/19 15:16:07.263: [pfc] INFO: ogs_pfc_connect() [127.0.0.7]:8805 (../lib/pfc/path.c:59)
05/19 15:16:07.263: [sbi] INFO: nghttp2_server() [127.0.0.4]:7777 (../lib/sbi/nghttp2-server.c:144)
05/19 15:16:07.264: [app] INFO: SMF initialize...done (../src/smf/app.c:31)
05/19 15:16:07.265: [smf] INFO: PFCP associated (../src/smf/pfc-sm.c:174)
05/19 15:16:07.269: [smf] INFO: [22845418-b8b5-41eb-b575-479037d47f73] NF registered [Heartbeat:10s] (../src/smf/nf-sm.c:199)
05/19 15:16:10.055: [smf] WARNING: Not found [/nsmf-pdusession/v1/sm-contexts/1/modify] (../src/smf/smf-sm.c:325)
05/19 15:16:10.433: [smf] WARNING: Not found [/nsmf-pdusession/v1/sm-contexts/1/modify] (../src/smf/smf-sm.c:325)
05/19 15:16:33.910: [smf] WARNING: Not found [/nsmf-pdusession/v1/sm-contexts/1/modify] (../src/smf/smf-sm.c:325)
05/19 15:16:49.813: [smf] WARNING: Not found [/nsmf-pdusession/v1/sm-contexts/1/modify] (../src/smf/smf-sm.c:325)
05/19 15:17:05.808: [smf] WARNING: Not found [/nsmf-pdusession/v1/sm-contexts/1/modify] (../src/smf/smf-sm.c:325)

```

```

05/19 13:13:51.982: [smf] WARNING: Unknown PCO ID: (0x24) [../src/smf/context.c:2458]
05/19 14:04:19.777: [smf] INFO: [af8e1320-b8a2-41eb-a93f-2330dbfbfe0e] NF expired (../src/smf/nf-sm.c:296)
05/19 14:04:19.784: [smf] INFO: [af9b3776-b8a2-41eb-8ae5-c7106215b3b1] NF expired (../src/smf/nf-sm.c:296)
05/19 14:45:38.657: [smf] ERROR: Invalid Downlink Data Service Information (../src/smf/n4-handler.c:827)
05/19 14:45:38.658: [smf] ERROR: No Context [0x7f035622c780:(nil)] (../src/smf/n4-handler.c:863)
05/19 14:45:38.659: [pfcsp] ERROR: Invalid step[2] type[57] (../lib/pfcsp/xact.c:238)
05/19 14:45:38.659: [smf] ERROR: smf_pfcsp_send_session_report_response: Expectation 'rv == OGS_OK' failed. (../src/smf/pfcsp-path.c:534)
05/19 14:45:38.659: [smf] FATAL: smf_n4_handle_session_report_request: Assertion 'OGS_OK == smf_pfcsp_send_session_report_response( pfcsp_xact, sess, OGS_PFCSP_CAUSE_REQUEST_ACCEPTED)' failed. (../src/smf/n4-handler.c:869)
05/19 14:45:38.660: [core] FATAL: Backtrace() returned 10 addresses (../lib/core/ogs-abort.c:37)
/usr/bin/open5gs-smfd(0x196f8) [0x55b89fe1c6f8]
/usr/lib/x86_64-linux-gnu/libogscore.so.2(ogs_fsm_dispatch+0x19) [0x7f035ba19559]
/usr/bin/open5gs-smfd(0x14a10) [0x55b89fe17a10]
/usr/lib/x86_64-linux-gnu/libogscore.so.2(ogs_fsm_dispatch+0x19) [0x7f035ba19559]
/usr/bin/open5gs-smfd(0xaf2a) [0x55b89fe0df2a]
/usr/lib/x86_64-linux-gnu/libogscore.so.2(+0xee8c) [0x7f035ba10e8c]
/usr/lib/x86_64-linux-gnu/libpthread.so.0(+0x9609) [0x7f035b215609]
/usr/lib/x86_64-linux-gnu/libc.so.6(clone+0x43) [0x7f035b13c293]

```

Can you take a look at it?

FYI, I could not get the http messages from the wirehark traces. And the PFCP gives only periodic handshake messages.

Best regards



acetcom commented on May 19, 2021

In this case, please share all log/conf files and PCAP.



ramonss commented on May 19, 2021

@acetcom

See attached: pcap, logs, confs.

Thank you in advance.

Best regards

[open5gs.zip](#)



acetcom commented on May 20, 2021

@ramonss

Your configuration might be wrong.

1. NSSF

```

$ diff -u nssf.yaml nssf_new.yaml
--- nssf.yaml      2021-05-19 21:08:28.000000000 +0900
+++ nssf_new.yaml  2021-05-20 07:46:37.328581840 +0900
@@ -68,18 +68,18 @@
     port: 7777
   nsi:
     # - addr: ::1
-   - addr: 127.0.0.4
+   - addr: 127.0.0.10
     port: 7777
     s_nssai:
       sst: 1
     # - addr: ::1
-   - addr: 127.0.0.19
+   - addr: 127.0.0.10
     port: 7777
     s_nssai:
       sst: 1

```

```
- addr: 127.0.0.10
port: 7777
s_nssai:
sst: 1
```

You should use NRF IP address in NSI information as below document.

```
# o Three NSI
# 1. NRF[http://::1:7777/nnrf-nfm/v1/nf-instances]
#   S-NSSAI[SST:1]
#
# 2. NRF[http://127.0.0.19:7777/nnrf-nfm/v1/nf-instances]
#   NSSAI[SST:1, SD:000080]
#
# 2. NRF[http://127.0.0.10:7777/nnrf-nfm/v1/nf-instances]
#   NSSAI[SST:1, SD:009000]
#
# nsi:
#   - addr: ::1
#     port: 7777
#     s_nssai:
#       sst: 1
#   - addr: 127.0.0.19
#     port: 7777
#     s_nssai:
#       sst: 1
#       sd: 000080
#   - addr: 127.0.0.10
#     port: 7777
#     s_nssai:
#       sst: 1
#       sd: 009000
```

2. Two UPFs GTP-U conflict.

```
upf:
  gtpu:
    - addr: 10.109.4.13
```

You use the same GTP-U address 10.109.4.13 in two UPFs.

It is difficult to debug when the full pcap is not provided. I hope your setup is successful with this information I can give you now.

Good luck with you!

Sukchan



ramonss commented on May 20, 2021

@acetcom

I made the changes but unfortunately I still get an error 'failed to connect to 127.0.0.19'.

Any ideas why? I attached the pcap with all interfaces related including the tcp packets for requests going to 127.0.0.19 => [open5gs_error_indication_not_found_smf.zip](#)

The SMF port seems to be open but apparently the error was still triggered. Could this be related to the ErrorIndication sent by the core to the gNB when the gNB sends out an UplinkNASTransport (PDU session establishment request)? Why is the connection being refused? Is it still a problem related port configuration? Everything starts fine now without issues and the error starts happening only after some time when the gNB sends the UplinkNASTransport (PDU session establishment request) message. Maybe there is still some issue on the core when handling this event (after the changes you made)?


```

05/20 06:42:20.641: [amf] ERROR: [2:0] Cannot receive SBI message (../src/amf/amf-sm.c:557)
05/20 06:42:20.641: [amf] WARNING: [suci-0-204-95-0-0-0-0113000152] 5GSM reject (../src/amf/nas-path.c:542)
05/20 06:42:20.839: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:42:20.841: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:42:36.842: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:42:36.844: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:42:52.840: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:42:52.841: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:43:08.837: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:43:08.839: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:43:24.837: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:43:24.839: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:43:45.896: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:43:45.898: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:44:01.895: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:44:01.897: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:44:17.902: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:44:17.906: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:44:33.895: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:44:33.896: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:44:49.902: [gmm] INFO: UE SUPI[imsi-204950113000152] DNN[default] S_NSSAI[SST:1 SD:0x1] (../src/amf/gmm-handler.c:1017)
05/20 06:44:49.903: [amf] ERROR: [2:0] HTTP response error [404] (../src/amf/nsmf-handler.c:638)
05/20 06:45:05.937: [gmm] INFO: [imsi-204950113000152] Deregistration request (../src/amf/gmm-sm.c:295)
05/20 06:45:05.937: [gmm] INFO: [suci-0-204-95-0-0-0-0113000152] SUCI (../src/amf/gmm-handler.c:671)
05/20 06:45:05.940: [amf] ERROR: [imsi-204950113000152] HTTP response error [404] (../src/amf/amf-sm.c:426)

```

The port seems to be open:

```

ubuntu@open5gs-core:~$ sudo netstat -tulnp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:3000           0.0.0.0:*               LISTEN      709/node
tcp        0      0 127.0.0.1:6010         0.0.0.0:*               LISTEN      445437/sshd: ubuntu
tcp        0      0 127.0.0.1:6011         0.0.0.0:*               LISTEN      445540/sshd: ubuntu
tcp        0      0 127.0.0.4:7777         0.0.0.0:*               LISTEN      445169/open5gs-smfd
tcp        0      0 127.0.0.19:7777        0.0.0.0:*               LISTEN      444519/open5gs-smfd
tcp        0      0 127.0.0.13:7777        0.0.0.0:*               LISTEN      444426/open5gs-pcfd
tcp        0      0 127.0.0.14:7777        0.0.0.0:*               LISTEN      444412/open5gs-nssf
tcp        0      0 127.0.0.5:7777         0.0.0.0:*               LISTEN      444396/open5gs-amfd
tcp        0      0 127.0.0.11:7777        0.0.0.0:*               LISTEN      444388/open5gs-ausf
tcp        0      0 127.0.0.12:7777        0.0.0.0:*               LISTEN      444381/open5gs-udmd
tcp        0      0 127.0.0.20:7777        0.0.0.0:*               LISTEN      444375/open5gs-udrd
tcp        0      0 127.0.0.10:7777        0.0.0.0:*               LISTEN      444355/open5gs-nrfd
tcp        0      0 127.0.0.1:27017        0.0.0.0:*               LISTEN      692/mongod
tcp        0      0 127.0.0.53:53          0.0.0.0:*               LISTEN      610/systemd-resolve
tcp        0      0 0.0.0.0:22             0.0.0.0:*               LISTEN      751/sshd: /usr/sbin
tcp6       0      0 :::1:6010              :::*                   LISTEN      445437/sshd: ubuntu
tcp6       0      0 :::1:6011              :::*                   LISTEN      445540/sshd: ubuntu
tcp6       0      0 :::22                  :::*                   LISTEN      751/sshd: /usr/sbin
udp        0      0 127.0.0.4:2123         0.0.0.0:*               LISTEN      445169/open5gs-smfd
udp        0      0 127.0.0.19:2123        0.0.0.0:*               LISTEN      444519/open5gs-smfd
udp        0      0 127.0.0.4:2152         0.0.0.0:*               LISTEN      445169/open5gs-smfd
udp        0      0 127.0.0.19:2152        0.0.0.0:*               LISTEN      444519/open5gs-smfd
udp        0      0 10.109.4.13:2152       0.0.0.0:*               LISTEN      444401/open5gs-upfd

```

Best regards,

Ramon



ramonss commented on May 25, 2021

@acetcom

Any ideas on this? Now with the pcaps from the previous message? Is this pcap enough for you to debug?



acetcom commented on May 25, 2021

@ramonss

So far, I have tried to answer all of the questions as much as possible. However, I realized it wasn't an efficient way. Because we can miss out on other important things.

Otherwise, I recommend that you share as much information as possible. If you can share more log, config, db and pcap, there will be someone in this community who can help you.

Good luck with you!
Sukchan



mcatalancid commented on May 27, 2021

Hi @acetcom @ramonss

I'm facing the same problem; in my case, only with one slice (the default one, sst: 1 sd: ffffff); thus, I just modified the AMF and the UPF configuration (IPs and TAI).

After an UE context release in the AMF, sometimes the UE is not able to connect again and the SMF and the UPF start throwing errors. And usually, the SMF leads to a critical error:

```
05/27 10:57:33.871: [smf] ERROR: Invalid Downlink Data Service Information (./src/smf/n4-handler.c:827)
05/27 10:57:33.871: [smf] ERROR: No Context [0x7fa0c9a173d0:(nil)] (./src/smf/n4-handler.c:863)
05/27 10:57:33.871: [pfcf] ERROR: invalid step[2] type[57] (./lib/pfcf/xact.c:238)
05/27 10:57:33.872: [smf] ERROR: smf_pfcf_send_session_report_response: Expectation 'rv == OGS_OK' failed. (./src/smf/pfcf-path.c:534)
05/27 10:57:33.872: [smf] FATAL: smf_n4_handle_session_report_request: Assertion 'OGS_OK == smf_pfcf_send_session_report_response(pfcf_xact, sess, OGS_PFCF_CAUSE_REQUEST_ACCEPTED)' failed. (./src/smf/n4-handler.c:871)
05/27 10:57:33.873: [core] FATAL: backtrace() returned 10 addresses (./lib/core/ogs-abort.c:37)
/usr/bin/open5gs-smfd(+0x29038) [0x5565a44dd038]
/usr/bin/open5gs-smfd(+0x175f3) [0x5565a44cb5f3]
/usr/lib/x86_64-linux-gnu/libogscore.so.2(ogs_fsm_dispatch+0x16) [0x7fa0d61a0c76]
/usr/bin/open5gs-smfd(+0x12600) [0x5565a44c6600]
/usr/lib/x86_64-linux-gnu/libogscore.so.2(ogs_fsm_dispatch+0x16) [0x7fa0d61a0c76]
/usr/bin/open5gs-smfd(+0x8ec6) [0x5565a44bcec6]
/usr/lib/x86_64-linux-gnu/libogscore.so.2(+0xd718) [0x7fa0d6198718]
/lib/x86_64-linux-gnu/libpthread.so.0(+0x76db) [0x7fa0d37e06db]
/lib/x86_64-linux-gnu/libc.so.6(clone+0x3f) [0x7fa0d350971f]
```



mcatalancid commented on May 27, 2021

Hi,

it seems to happen when trying to send downlink traffic after a UE release (e.g. an iperf from the Core to the UE); I think it's normal to be not able to do this (e.g. the UE is not longer connected), but it should not break the SMF.

BR,
Miguel.



ramonss mentioned this issue on Jun 8, 2021

SMF Fatal Error v2.2.9 - Invalid Downlink Data Service Information #1034

Closed


acetcom added a commit that referenced this issue on Jun 8, 2021

[SMF/UPF] fix the crash bug (#1034, #1006)

e31a847

Support for Inter-frequency, inter-gNB, inter-RAT Handovers? RRC Connection Release with redirection kills the SMF #1057

 Closed

  acetcom mentioned this issue on Jun 28, 2021

AMF crash FATAL: nas_5gs_send_registration_accept: Assertion `ran_ue' failed. (../src/amf/nas-path.c:74) #1077



 Closed

  pobk added the `Housekeeping:ToClose` label on Feb 18

github-actions  commented on Mar 23

This issue has been closed automatically due to lack of activity. This has been done to try and reduce the amount of noise. Please do not comment any further. The Open5GS Team may choose to re-open this issue if necessary.



 github-actions  closed this as completed on Mar 23

Assignees

No one assigned

Labels

`Housekeeping:ToClose`

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

4 participants

