Scscf\_log:

5(41) DEBUG: ims\_dialog [dlg\_handlers.c:1923]: print\_all\_dlgs(): \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 5(41) DEBUG: ims\_dialog [dlg\_handlers.c:1924]: print\_all\_dlgs(): printing 4096 dialogs

 5(41) DEBUG: ims\_dialog [dlg\_handlers.c:1934]: print\_all\_dlgs(): \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 5(41) DEBUG: ims\_auth [authorize.c:187]: reg\_await\_timer(): Looking for expired/useless at 508538

 5(41) DEBUG: ims\_auth [authorize.c:232]: reg\_await\_timer(): [DONE] Looking for expired/useless at 508538

28(64) DEBUG: cdp [peermanager.c:262]: peer\_timer(): peer\_timer(): taking care of peers...

 2(38) DEBUG: tm [t\_lookup.c:1034]: t\_check\_msg(): msg (0x7f81ff9400c8) id=1/38 global id=0/0 T start=0xffffffffffffffff

 2(38) DEBUG: tm [t\_lookup.c:497]: t\_lookup\_request(): start searching: hash=64055, isACK=0

 2(38) DEBUG: tm [t\_lookup.c:455]: matching\_3261(): RFC3261 transaction matching failed - via branch [z9hG4bK73af.fb775f8fd058c2be4eb837bdc9d069df.1]

 2(38) DEBUG: tm [t\_lookup.c:675]: t\_lookup\_request(): no transaction found

 2(38) DEBUG: tm [t\_lookup.c:1104]: t\_check\_msg(): msg (0x7f81ff9400c8) id=1/38 global id=1/38 T end=(nil)

 2(38) ERROR: <script>: ALGORITHM IS [<null>] and User-Agent is [IM-client/OMA1.0 android-ngn-stack/v2.544.836 (doubango r836 - MuMu)]

 2(38) DEBUG: ims\_auth [authorize.c:768]: authenticate(): Running authenticate, is\_proxy\_auth=0

 2(38) DEBUG: ims\_auth [authorize.c:788]: authenticate(): Checking if REGISTER is authorized for realm [ims.mnc003.mcc460.3gppnetwork.org]...

 2(38) DEBUG: ims\_auth [authorize.c:826]: authenticate(): Nonce or response missing: nonce len [1908363328], response16 len[-8250504]

 2(38) ERROR: <script>: AUTH\_UNSUCESSED

 2(38) DEBUG: ims\_auth [authorize.c:293]: challenge(): Looking for route block [REG\_MAR\_REPLY]

 2(38) INFO: ims\_auth [cxdx\_mar.c:79]: create\_return\_code(): created AVP successfully : [maa\_return\_code] - [-2]

 2(38) DEBUG: ims\_auth [authorize.c:317]: challenge(): Need to challenge for realm [ims.mnc003.mcc460.3gppnetwork.org]

 2(38) DEBUG: ims\_auth [authorize.c:324]: challenge(): Checking if REGISTER is authorized for realm [ims.mnc003.mcc460.3gppnetwork.org]...

 2(38) DEBUG: ims\_auth [authorize.c:1488]: get\_auth\_userdata(): Searching auth\_userdata for IMPU sip:460036250000007@ims.mnc003.mcc460.3gppnetwork.org (Hash 372)

 2(38) DEBUG: tm [t\_lookup.c:1328]: t\_newtran(): msg (0x7f81ff9400c8) id=1/38 global id=1/38 T start=(nil)

 2(38) DEBUG: tm [t\_lookup.c:497]: t\_lookup\_request(): start searching: hash=64055, isACK=0

 2(38) DEBUG: tm [t\_lookup.c:455]: matching\_3261(): RFC3261 transaction matching failed - via branch [z9hG4bK73af.fb775f8fd058c2be4eb837bdc9d069df.1]

 2(38) DEBUG: tm [t\_lookup.c:675]: t\_lookup\_request(): no transaction found

 2(38) DEBUG: tm [t\_hooks.c:346]: run\_reqin\_callbacks\_internal(): trans=0x7f81f14444c8, callback type 1, id 0 entered

 2(38) DEBUG: ims\_auth [authorize.c:480]: challenge(): Suspending SIP TM transaction

 2(38) DEBUG: ims\_auth [authorize.c:1568]: multimedia\_auth\_request(): Sending MAR

 2(38) DEBUG: cdp [session.c:284]: cdp\_add\_session(): adding a session with id scscf.ims.mnc001.mcc001.3gppnetwork.org;2422551417;1

 2(38) DEBUG: cdp [peerstatemachine.c:89]: sm\_process(): sm\_process(): Peer udm219ims.huawei.com State I\_Open Event Send\_Message

 2(38) DEBUG: cdp [peerstatemachine.c:1156]: Snd\_Message(): Snd\_Message called to peer [udm219ims.huawei.com] for request with code 303

 2(38) DEBUG: cdp [session.c:305]: cdp\_get\_session(): called get session with id scscf.ims.mnc001.mcc001.3gppnetwork.org;2422551417;1 and hash 66

 2(38) DEBUG: cdp [session.c:314]: cdp\_get\_session(): no session found

 2(38) DEBUG: cdp [diameter\_msg.c:82]: AAABuildMsgBuffer(): AAABuildMsgBuffer(): len=500

 2(38) DEBUG: cdp [receiver.c:1015]: peer\_send\_msg(): peer\_send\_msg(): Pipe push [0x7f81f1443bd8]

 2(38) DEBUG: ims\_auth [cxdx\_mar.c:565]: cxdx\_send\_mar(): Successfully sent async diameter

26(62) DEBUG: cdp [receiver.c:756]: receive\_loop(): select\_recv(): There is something on the send pipe

26(62) DEBUG: cdp [receiver.c:769]: receive\_loop(): select\_recv(): Send pipe says [0x7f81f1443bd8] 8

26(62) DEBUG: cdp [diameter\_msg.c:411]: AAAFreeMessage(): AAAFreeMessage: Freeing message (0x7f81f1443bd8) 303

26(62) DEBUG: cdp [receiver.c:575]: do\_receive(): receive\_loop(): [udm219ims.huawei.com] Recv Version 1 Length 224

26(62) DEBUG: cdp [receiver.c:1106]: receive\_message(): receive\_message(): [udm219ims.huawei.com] Recv msg 303

26(62) DEBUG: cdp [peerstatemachine.c:89]: sm\_process(): sm\_process(): Peer udm219ims.huawei.com State I\_Open Event I\_Rcv\_Message

26(62) DEBUG: cdp [session.c:305]: cdp\_get\_session(): called get session with id scscf.ims.mnc001.mcc001.3gppnetwork.org;2422551417;1 and hash 66

26(62) DEBUG: cdp [session.c:314]: cdp\_get\_session(): no session found

14(50) DEBUG: cdp [worker.c:343]: worker\_process(): worker\_process(): [5] got task Q(1/1)

14(50) DEBUG: tm [t\_lookup.c:1612]: t\_lookup\_ident\_filter(): transaction found

14(50) INFO: ims\_auth [cxdx\_avp.c:137]: cxdx\_get\_avp(): cxdx\_get\_result\_code: Failed finding avp (avp\_code = 268, vendor\_id = 0)

14(50) INFO: ims\_auth [cxdx\_avp.c:137]: cxdx\_get\_avp(): cxdx\_get\_sip\_number\_auth\_items: Failed finding avp (avp\_code = 607, vendor\_id = 10415)

14(50) DEBUG: tm [t\_reply.c:1765]: cleanup\_uac\_timers(): RETR/FR timers reset

14(50) DEBUG: tm [t\_reply.c:637]: \_reply\_light(): reply sent out - buf=0x7f81ff8fa1c0: SIP/2.0 403 Forbidde... shmem=0x7f81f1448218: SIP/2.0 403 Forbidde

14(50) DEBUG: tm [t\_reply.c:648]: \_reply\_light(): finished

14(50) DEBUG: cdp [diameter\_msg.c:411]: AAAFreeMessage(): AAAFreeMessage: Freeing message (0x7f81f1443b50) 303

14(50) DEBUG: ims\_auth [cxdx\_mar.c:480]: async\_cdp\_callback(): DBG:UAR Async CDP callback: ... Done resuming transaction

14(50) INFO: ims\_auth [cxdx\_mar.c:79]: create\_return\_code(): created AVP successfully : [maa\_return\_code] - [-1]

14(50) DEBUG: tm [t\_lookup.c:1604]: t\_lookup\_ident\_filter(): transaction in terminated phase - skipping

14(50) WARNING: tm [t\_suspend.c:192]: t\_continue\_helper(): active transaction not found

14(50) DEBUG: ims\_auth [cxdx\_mar.c:87]: free\_saved\_transaction\_data(): Freeing saved transaction data: async

 5(41) DEBUG: ims\_usrloc\_scscf [ims\_usrloc\_scscf\_mod.c:481]: timer(): Syncing cache

Kamailio\_scscf.cfg



My question:

When registering and send mar or sar，cant step into route-block（REG\_MAR\_REPLY,PRE\_REG\_SAR,REGPLY,REG\_SAR\_REPLY）, I understand that after suspending the transaction, the transaction cannot be repaired, resulting in the inability to enter the routing block.