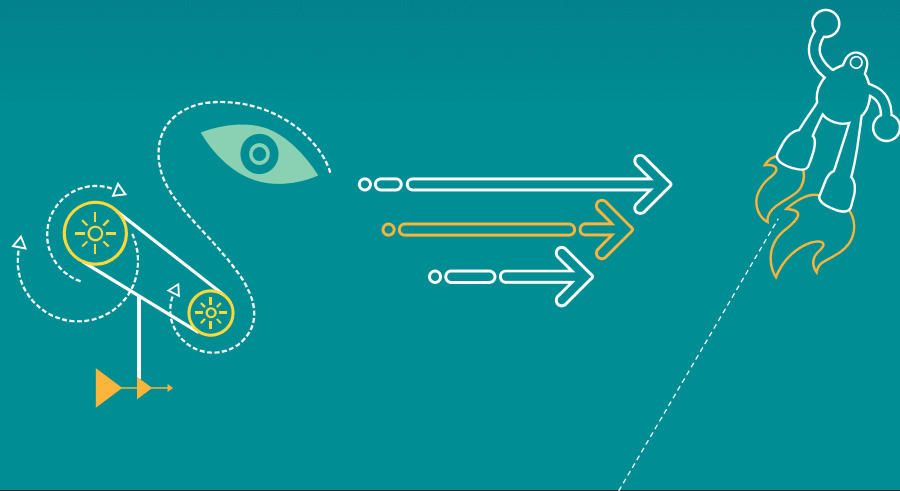

高通协议技术期刊 – 2015/12/09



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Revision History

Revision	Date	Description
A	Dec 2015	Initial release

Note: There is no Rev. I, O, Q, S, X, or Z per Mil. standards.

Contents

- ❑ Customer Case Creation Template
- ❑ MSM8937 training document
- ❑ 4 training videos are released
- ❑ SIM Lock KBA-151129214555
- ❑ One solution for RIL call

Customer Case Creation Template

- ❑ We would like to advise customers to use the following template in a case creation so that we will get all necessary information in the first place to avoid additional turnaround as low as possible.

- **Case Creation Template**
- **Issue Description**
 - **Symptom:** Update the symptom in detail
 - **Frequency:** Ex. - once every an hour/ 1 time so far etc.
 - **Reproduce scenario:** Need very specific reproduce scenario
 - **QMC SW build ID:** Need meta build ID and test SBA information
 - **Blocking Event & deadline:** Need customer's requested ETA with reason. Ex. – DV event on 10/8
 - **Request:** Need what customer wants to resolve in the case
 - **Attachment description**
 - **Customer Log analysis and suspicious point:** Customer analysis is **VERY** important for initial triage

Customer Case Creation Template

- **Case Creation example**

- **1. Symptom** : UE cannot acquire serving 1xRTT system after call release. It takes about 15 seconds to reacquire serving system.

2. Frequency : 10%

3. Reproduction Scenario : Receiving call test

4. Qualcomm S/W Build ID : MPSS.DI.4.0-00368-M8974AAAAANAZM-1

5. Blocking Event & deadline : Pre-Regional Test(7/10)

6. Request : Analysis, Explain, Fix

7. Attachment description : QXDM Logs

8. Initial log analysis & suspicious point:

```
17:20:30.493 sdss.c 19191 ** Activate CDMA opr script =  
ssscr_cdma_opr_release **  
17:20:30.494 sdss.c 18750 =SD= ACQ_CDMA, band=0, chan=384,  
blksys=7  
17:20:30.531 mccdma.c 05090 RELEASE EXIT  
17:20:30.531 mccdma.c 05698 CDMA Acquisition entry, reason=0  
17:20:30.531 mccdma.c 05705 BLK_SYS 7 BAND_CLASS 0 CHANNEL  
384
```

MSM8937 training document

Topic	Presentation	DCN
Boot	MSM8937/MSM8953 Boot Architecture Overview	80-P2485-1
USB	MSM8937 LINUX USB OVERVIEW	80-P2485-17
PMIC	MSM8937 SYSTEM DRIVERS PMIC OVERVIEW	80-P2485-18
PMIC	MSM8937 PMIC LINUX SOFTWARE DRIVER OVERVIEW	80-P2485-2
Peripherals	LOW-SPEED PERIPHERALS OVERVIEW	80-NA157-24
Power	MSM8937 SYSTEM POWER OVERVIEW	80-P2485-4
Thermal	MSM8937 LINUX ANDROID THERMAL MANAGEMENT OVERVIEW	80-P2485-13
Performance		
Graphics	MSM8937 LINUX ANDROID GRAPHICS OVERVIEW	80-P2485-8
Display	MSM8937 LINUX ANDROID DISPLAY OVERVIEW	80-P2485-7
Audio	MSM8937 LINUX ANDROID AUDIO OVERVIEW	80-P2485-5
Camera	MSM8937 LINUX ANDROID CAMERA OVERVIEW	80-P2485-6
Camera	MSM8937 LINUX CAMERA KPIS OVERVIEW	80-P2485-10
Video	MSM8937 LINUX ANDROID VIDEO OVERVIEW	80-P2485-9
Modem	MSM89X7 MODEM SOFTWARE OVERVIEW	80-P2485-12
RF Software	MSM89x7 RF SOFTWARE OVERVIEW	80-P2485-3
Connectivity	QCA WCN36X0 SOFTWARE ARCHITECTURE ?	80-Y0513-1

4 training videos are released

- 4 training videos are released, OEM can download them from Createpoint.
- VD80-NN145-4SC, Description: VIDEO: MPSS.BO LTE TDD CA OVERVIEW - SIMPLIFIED CHINESE]
- VD80-NV396-29SC, Description: VIDEO: MPSS.TH.2.X UIM FEATURES OVERVIEW - SIMPLIFIED CHINESE]
- VD80-P0345-1SC, Description: VIDEO: DUAL RX-DUAL SIM DUAL STANDBY OVERVIEW - SIMPLIFIED CHINESE]
- VD80-NF122-1SC, Description: VIDEO: LTE AS CARRIER AGGREGATION LOG ANALYSIS - SIMPLIFIED CHINESE]

SIM Lock Tool Introduction and SIM Lock Diag command KBA-151129214555

SIM Lock Tool Introduction and SIM Lock Diag command Samples KBA-151129214555 is recently on createpoint for OEM who need implement SIMLOCK.

One solution for RIL call

Problem:

- Save a new contact with SIP URL, then click this SIP URL to make an IMS call, it fails. Typical log messages as below:
- //User dials an URI number
12-02 09:12:45.954 D/LocSvc_NiH(927): OutgoingCallReceiver :: onReceive
12-02 09:12:45.960 D/OutgoingCallReceiver(4459): outgoing call number = [+0185862818@ims.mnc002.mcc262.3gppnetwork.org](tel:+0185862818@ims.mnc002.mcc262.3gppnetwork.org)
12-02 09:12:45.986 I/Telecom (2555):
NewOutgoingCallBroadcastIntentReceiver: onReceive: Intent { act=android.intent.action.NEW_OUTGOING_CALL flg=0x10000010 (has extras) }
//Call goes on Linux SIP stack instead of modem IMS
12-02 09:12:46.536 V/[RCS][SipInterface](4459): Create a transaction context [fGDpiFVEBA@10.172.58.52](tel:fGDpiFVEBA@10.172.58.52)
12-02 09:12:46.536 V/[RCS][SipInterface](4459): >>> Send SIP OPTIONS

▪

One solution for RIL call

- Solution:
- This should be expected with current Google AOSP design. It dials a sip call but not an IMS one when dial string hold "@".
- If you want to dial it on IMS, you can choose either:
 - 1) Need to set intent extra
"org.codeaurora.extra.SKIP_SCHEMA_PARSING" to true.
or
 - 2) Need to set scheme as tel: in intent and parse the uri number to send only user part without @domain. i.e. need to apply
PhoneNumberUtils.stripSeparators on uri dial

Questions?

<https://support.cdmatech.com>

