

|                                                                                                                                                                                    |                       |                   |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------|--------------------------|
| Status:                                                                                                                                                                            | CLOSED                | Start date:       | 2023-03-07               |
| Priority:                                                                                                                                                                          | High                  | Due date:         |                          |
| Assignee:                                                                                                                                                                          | 移动测试一组_CDTS 刘强        | % Done:           | 80%                      |
| Category:                                                                                                                                                                          | BSP                   | Estimated time:   | 0.00 hour                |
| Target version:                                                                                                                                                                    | VC1_FSE_0090_20230411 |                   |                          |
| Need_Info:                                                                                                                                                                         | --                    | Found Version:    | 0079                     |
| Resolution:                                                                                                                                                                        | --                    | Degrated:         | --                       |
| Severity:                                                                                                                                                                          | Critical              | Verified Version: | 最新的mot文件，v0.1.2          |
| Reproducibility:                                                                                                                                                                   | Occasionally          | Fixed Version:    |                          |
| Test Type:                                                                                                                                                                         | ST                    | Root cause:       | 目前已经修复，原因为wdt喂狗失败导致，目前已经 |
| Description                                                                                                                                                                        |                       |                   |                          |
| 【前提条件】                                                                                                                                                                             |                       |                   |                          |
| None                                                                                                                                                                               |                       |                   |                          |
| 【测试步骤】                                                                                                                                                                             |                       |                   |                          |
| 1. 设备开机后，等待设备进入屏保模式                                                                                                                                                                |                       |                   |                          |
| 2. 点击屏幕亮屏                                                                                                                                                                          |                       |                   |                          |
| 3. 点击设置                                                                                                                                                                            |                       |                   |                          |
| 【预期结果】                                                                                                                                                                             |                       |                   |                          |
| 3 设备正常运行，进入设置界面                                                                                                                                                                    |                       |                   |                          |
| 【实际结果】                                                                                                                                                                             |                       |                   |                          |
| 3 设备关机-自动重启                                                                                                                                                                        |                       |                   |                          |
| Log: <a href="ftp://cdiot@192.168.87.46/Figure/bug/reboot/tlog_f22f620e_189_0302055454.tar.gz">ftp://cdiot@192.168.87.46/Figure/bug/reboot/tlog_f22f620e_189_0302055454.tar.gz</a> |                       |                   |                          |

History

- #1 - 2023-03-07 20:05 - 移动测试一组\_CDTS 刘强
- Category changed from SYSTEM to BSP
  - Assignee changed from CD SYSTEM-夏旭 to CD BSP-陈杰

第一次复现重启后，再次点击设置不会重启

再次断电-上电后，复现反复reboot

- #2 - 2023-03-08 09:38 - 移动测试一组\_CDTS 刘强

换了电源后没有复现，可能是电源问题

- #3 - 2023-03-08 09:56 - CD BSP-陈杰
- Assignee changed from CD BSP-陈杰 to 移动测试一组\_CDTS 刘强

- #4 - 2023-03-08 11:00 - 移动测试一组\_CDTS 刘强
- Status changed from New to RESOLVED

- Root cause set to 电源问题，非软件问题，无需修改

#5 - 2023-03-08 11:00 - 移动测试一组\_CDTS 刘强

- Status changed from RESOLVED to VERIFIED

#6 - 2023-03-08 11:00 - 移动测试一组\_CDTS 刘强

- Status changed from VERIFIED to CLOSED

#7 - 2023-03-09 11:46 - 移动测试一组\_CDTS 刘强

- Status changed from CLOSED to New

- Assignee changed from 移动测试一组\_CDTS 刘强 to CD BSP- 杜磊

今天有两台设备复现：

烧写0081版本后开机，然后重新烧写0078版本

开机后，这边反复重启，非必现

#8 - 2023-03-09 11:46 - 移动测试一组\_CDTS 刘强

- Subject changed from 【BSP】 【EVT3】 【Boot】 【偶现1次】设备开机后，等待设备进入屏保模式，点击屏幕亮屏，点击设置，设备自动关机重启 to 【BSP】 【EVT3】 【Boot】 【偶现3次】设备开机后，偶现反复重启

#9 - 2023-03-09 13:39 - System组-RD3\_CDTS 蒋富雄

突然就没log输出了请确认是否是突然断电

```
01-01 08:09:29.484 0 0 Iafe_send_port_topology_id: AFE set topology id 0x112fc enable for port 0x9000 ret 0
01-01 08:09:29.484 0 0 I send_afe_cal_type: cal_index is 0
01-01 08:09:29.484 0 0 I send_afe_cal_type: dev_acdb_id55 is 0
01-01 08:09:29.484 0 0 I send_afe_cal_type: Sending cal_index cal 0
01-01 08:09:29.484 0 0 E send_afe_cal_type: No cal sent for cal_index 0, port_id = 0x9000! ret -22
01-01 08:09:29.493 0 0 Iafe_send_hw_delay: port_id 0x9000 rate 48000 delay_usec 474 status 0
01-01 08:09:33.596 0 0 E DTC_ETH,link_delay_work_func: 3003, SQI=0, link=0
01-01 08:09:38.716 0 0 E DTC_ETH,link_delay_work_f
```

#10 - 2023-03-09 14:40 - System组-RD3\_CDTS 蒋富雄

- File jiang1.log added

设备开机到动画就进行重启了，

```
[ 41.001531] [wifi@1][0x3178c55c][05:02:41.438266] wlan: [868:E:SME] sme_get_nss_chain_shift: 4045: Device mode 16 invalid
[Rx][14:09:28.809] [ 41.438164] [wifi@1]
[0x31f8b045][05:02:41.874891] wlan: [3550:E:wifipos] wifi_pos_process_app_req_req: 608: Received App Req Req pid(1925186404), len(16)
[Rx][14:09:32.159] [ 44.768392] DTC_ETH,link_delay_work_func:3003, SQI=0, link=0
[Rx][14:09:35.759] [ 48.387919] audit: rate limit exceeded
[Rx][14:09:37.279] [ 49.888314] DTC_ETH,link_delay_work_func:3003, SQI=0, link=0
[14:09:38.046] [ 50.656076] thermal cooling_device4: DTC_Fan: ERROR, avg(0) out of range(1680, 2800) at stat(1)
```

#11 - 2023-03-09 16:40 - System组-RD3\_CDTS 蒋富雄

- File logcat.txt added

从logcat中看到如下log。反复重启，在动画上就重启了，由于是没断电，所以再次开机，表现就是反复重启 请fw分析

03-09 05:02:37.508 1537 1647 I ActivityManagerTiming: OnBootPhase\_1000\_com.android.server.media.MediaCommunicationService

03-09 05:02:37.508 1537 1647 D ActivityManagerTiming: TotalBootTime took to complete: 3819ms

03-09 05:02:37.508 1537 1647 D SystemServerInitThreadPool: Shutdown requested

03-09 05:02:37.508 1537 1647 I SystemServerTiming: WaitInitThreadPoolShutdown

03-09 05:02:37.508 1537 1647 D SystemServerInitThreadPool: Shutdown successful

#12 - 2023-03-09 16:45 - CD BSP-杜磊

- Category changed from BSP to CD-FW
- Status changed from New to ASSIGNED
- Assignee changed from CD BSP- 杜磊 to CD FW 曹覃刚

Hi, 覃刚，

请帮忙做如上分析

#13 - 2023-03-10 16:58 - CDTS\_Test 吴诗雨

- File logcat.txt added

#14 - 2023-03-10 17:02 - CDTS\_Test 吴诗雨

刷到0078版本再次复现，log已上传

#15 - 2023-03-11 13:41 - 移动测试一组\_CDTS 刘强

在使用VB版本验证满内存重启进dump问题后，重新烧写版本0068，复现开机时反复重启

#16 - 2023-03-11 14:20 - CDTS\_TEST 王成

- Severity changed from Major to Critical

#17 - 2023-03-16 15:27 - 移动测试一组\_CDTS 刘强

- Subject changed from 【BSP】【EVT3】【Boot】【偶现3次】设备开机后，偶现反复重启 to 【BSP】【EVT3】【Boot】【偶现】设备开机后，偶现反复重启

复现后-全擦烧写工厂可以恢复正常

复现后-不擦烧写user不能恢复正常，开机后继续反复重启

#18 - 2023-03-16 17:18 - CDTS\_TEST 王成

- Root cause deleted (电源问题，非软件问题，无需修改)

#19 - 2023-03-16 19:45 - BSP组-RD3\_TSCD 贾顺旺

从日志上看都是VX1的，VC1上有复现过么？

#20 - 2023-03-16 19:49 - CD FW 曹覃刚

- Assignee changed from CD FW 曹覃刚 to CD FW 王武军

Hi 军哥

这个问题比较严重，请帮忙先看一下

#21 - 2023-03-17 17:43 - 移动测试一组\_CDTs 刘强

复现后如果想恢复正常的话，目前就只有两种方式：

1. 烧写工厂版本（新编的那个），后可以正常开机,再刷其他版本，还是一样会反复重启（概率）
2. 重新烧写mot文件，可以正常开机，刷其他版本也ok，再次烧写其他版本时，也会偶现这个问题

#22 - 2023-03-17 18:14 - CD FW王武军

【】当前状态

1) 分析fw的日志

```
03-09 05:02:37.508 1537 1647 I ActivityManagerTiming: OnBootPhase_1000_com.android.server.media.MediaCommunicationService
03-09 05:02:37.508 1537 1647 D ActivityManagerTiming: TotalBootTime took to complete: 3819ms
03-09 05:02:37.508 1537 1647 D SystemServerInitThreadPool: Shutdown requested
03-09 05:02:37.508 1537 1647 I SystemServerTiming: WaitInitThreadPoolShutdown
03-09 05:02:37.508 1537 1647 D SystemServerInitThreadPool: Shutdown successful
```

该日志的输出原因：在启动过程中相关的服务执行后，通过SystemServerInitThreadPool.shutdown结束和回收启动过程中启动的线程池，这个日志信息是正常的日志。代码的触发大致如下：

```
//SystemServiceManager.java
public void startBootPhase(@NonNull TimingsTraceAndSlog t, int phase) {
    if (phase <= mCurrentPhase) {
        throw new IllegalArgumentException("Next phase must be larger than previous");
    }
    mCurrentPhase = phase;
    Slog.i(TAG, "Starting phase " + mCurrentPhase);
    try {
        t.traceBegin("OnBootPhase_" + phase);
        final int serviceLen = mServices.size();
        for (int i = 0; i < serviceLen; i++) {
            final SystemService service = mServices.get(i);
            long time = SystemClock.elapsedRealtime();
            t.traceBegin("OnBootPhase_" + phase + "_" + service.getClass().getName());
            try {
                service.onBootPhase(mCurrentPhase);
            } catch (Exception ex) {
                throw new RuntimeException("Failed to boot service "
                    + service.getClass().getName()
                    + ": onBootPhase threw an exception during phase "
                    + mCurrentPhase, ex);
            }
        }
        warnIfTooLong(SystemClock.elapsedRealtime() - time, service, "onBootPhase");
        t.traceEnd();
    } finally {
```

```

        t.traceEnd();
    }
    if (phase == SystemService.PHASE_BOOT_COMPLETED) {
        final long totalBootTime = SystemClock.uptimeMillis() - mRuntimeStartUptime;
        t.logDuration("TotalBootTime", totalBootTime);
        SystemServerInitThreadPool.shutdown();
    }
}
static void shutdown() {

```

[http://192.168.87.66:8006/source/xref/Pre\\_figure\\_turbox-c2130c-la1.1-qssi12-dev/LA.QSSI/LINUX/android/frameworks/base/services/core/java/com/android/server/SystemServerInitThreadPool.java#143](http://192.168.87.66:8006/source/xref/Pre_figure_turbox-c2130c-la1.1-qssi12-dev/LA.QSSI/LINUX/android/frameworks/base/services/core/java/com/android/server/SystemServerInitThreadPool.java#143)

```

}

```

## 2) 其他日志信息

日志信息是基于：logcat.txt 2023-03-09 16:40 的日志文件。本地在无限重启后的板子上并未获取到更多有用的信息。

### a) 关于init进程的

```

03-09 05:02:37.532 2733 2733 F libc : Fatal signal 6 (SIGABRT), code -1 (SI_QUEUE) in tid 2733 (init), pid 2733 (init)
03-09 05:02:37.552 634 634 I tombstoned: received crash request for pid 2733
03-09 05:02:37.552 2742 2742 I crash_dump64: performing dump of process 2733 (target tid = 2733)
03-09 05:02:37.554 2742 2742 E DEBUG : failed to read process info: failed to open /proc/2733

03-09 05:02:37.586 2742 2742 F DEBUG : *
03-09 05:02:37.587 2742 2742 F DEBUG : Build fingerprint: 'TC/figure_CN/figure:12/SKQ1.220201.001/2403:user/test-keys'
03-09 05:02:37.587 2742 2742 F DEBUG : Revision: '0'
03-09 05:02:37.587 2742 2742 F DEBUG : ABI: 'arm64'
03-09 05:02:37.587 2742 2742 F DEBUG : Timestamp: 2023-03-09 05:02:37.554048071+0800
03-09 05:02:37.587 2742 2742 F DEBUG : Process uptime: 0s
03-09 05:02:37.587 2742 2742 F DEBUG : Cmdline: /system/bin/init second_stage
03-09 05:02:37.587 2742 2742 F DEBUG : pid: 2733, tid: 2733, name: init >>> /system/bin/init <<<
03-09 05:02:37.587 2742 2742 F DEBUG : uid: 0
03-09 05:02:37.587 2742 2742 F DEBUG : signal 6 (SIGABRT), code 1 (SI_QUEUE), fault addr -----
03-09 05:02:37.587 2742 2742 F DEBUG : x0 0000000000000000 x1 00000000000000a0 x2 0000000000000006 x3 0000007fdb58b9d0
03-09 05:02:37.587 2742 2742 F DEBUG : x4 000000000000000a x5 000000000000000a x6 000000000000000a x7 000000000000000a
03-09 05:02:37.587 2742 2742 F DEBUG : x8 00000000000000f0 x9 6916d3e4140e3251 x10 0000000000000000 x11 fffffff8ffffffdf
03-09 05:02:37.587 2742 2742 F DEBUG : x12 0000000000000001 x13 3a73747069726373 x14 0000000000000010 x15 0000000000000000
03-09 05:02:37.587 2742 2742 F DEBUG : x16 0000007fa2667060 x17 0000007fa2643560 x18 0000007fad20e000 x19 00000000000000a0
03-09 05:02:37.587 2742 2742 F DEBUG : x20 00000000000000a0 x21 00000000fffffffd x22 0000007fad0ce000 x23 0000007fad0ce000
03-09 05:02:37.587 2742 2742 F DEBUG : x24 0000007fdb58bca0 x25 0000007fdb58bca0 x26 0000000000000000 x27 0000007fad0ce000
03-09 05:02:37.587 2742 2742 F DEBUG : x28 0000007fa25f7d20 x29 0000007fdb58ba50
03-09 05:02:37.587 2742 2742 F DEBUG : lr 0000007fa25f395c sp 0000007fdb58b9b0 pc 0000007fa25f3988 pst 0000000000001000
03-09 05:02:37.587 2742 2742 F DEBUG : backtrace:
03-09 05:02:37.587 2742 2742 F DEBUG : #00 pc 0000000000051988 /system/lib64/bootstrap/libc.so (abort+168) (BuildId: 369edc656806aeaf384cbeb8f7a347af)
03-09 05:02:37.587 2742 2742 F DEBUG : #01 pc 0000000000015038 /system/lib64/libbase.so (android::base::DefaultAborter(char const)+16) (BuildId: 96895dcea0300fc102132e9762aef6bc)
03-09 05:02:37.587 2742 2742 F DEBUG : #02 pc 0000000000016bc4 /system/lib64/libbase.so (android::base::SetAborter(std::__1::function<void (char const*)>&&)::$_3::__invoke(char const*)+80) (BuildId: 96895dcea0300fc102132e9762aef6bc)
03-09 05:02:37.587 2742 2742 F DEBUG : #03 pc 0000000000016184 /system/lib64/libbase.so (android::base::LogMessage::~~LogMessage()+368) (BuildId: 96895dcea0300fc102132e9762aef6bc)
03-09 05:02:37.587 2742 2742 F DEBUG : #04 pc 00000000000d8128 /system/bin/init (android::init::Service::SetProcessAttributesAndCaps()+716) (BuildId: 22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #05 pc 00000000000dac18 /system/bin/init (android::init::Service::Start()+7348) (BuildId:

```

```
22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #06 pc 0000000000cda20 /system/bin/init (android::init::do_start(android::init::BuiltinArguments const&)+316) (BuildId:
22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #07 pc 0000000000b16cc /system/bin/init
(android::init::RunBuiltinFunction(std::__1::function<android::base::expected<void, android::base::ResultError> (android::init::BuiltinArguments const&)> const&,
std::__1::vector<std::__1::basic_string<char, std::__1::char_traits<char>, std::__1::allocator<char>>, std::__1::allocator<std::__1::basic_string<char,
std::__1::char_traits<char>, std::__1::allocator<char>>>> const&, std::__1::basic_string<char, std::__1::char_traits<char>, std::__1::allocator<char>>> const&)+476)
(BuildId: 22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #08 pc 0000000000b1880 /system/bin/init (android::init::Command::InvokeFunc(android::init::Subcontext*) const+284)
(BuildId: 22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #09 pc 0000000000b22e4 /system/bin/init (android::init::Action::ExecuteCommand(android::init::Command const&)
const+80) (BuildId: 22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #10 pc 0000000000b21d8 /system/bin/init (android::init::Action::ExecuteOneCommand(unsigned long) const+336)
(BuildId: 22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #11 pc 0000000000e2d74 /system/bin/init (android::init::ActionManager::ExecuteOneCommand()+188) (BuildId:
22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #12 pc 0000000000fa6dc /system/bin/init (android::init::SecondStageMain(int, char**)+7560) (BuildId:
22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #13 pc 0000000000ac19c /system/bin/init (main+308) (BuildId: 22e05086498bc9c9e3a5fc9a10a930c1)
03-09 05:02:37.587 2742 2742 F DEBUG : #14 pc 00000000004a084 /system/lib64/bootstrap/libc.so (__libc_init+100) (BuildId: 369edc656806aeaf384cbeb8f7a347af)
03-09 05:02:37.589 1537 2080 W NativeCrashListener: Couldn't find ProcessRecord for pid 2733
```

#### b) 关于MCU升级的

```
03-09 05:02:50.332 2431 2590 D MCUUpdate: find 2 mcu version:figureAPP_V0.1.1_a.bin figureAPP_V0.1.1_b.bin
03-09 05:02:50.336 2431 2590 D MCUUpdate: Check MCU current version :res = 0
03-09 05:02:50.375 2431 2587 D MCUUpdate: MCU version: 86 length: 9
03-09 05:02:50.375 2431 2587 D MCUUpdate: Current version: V0.0.0, Find version: V0.1.1
03-09 05:02:50.385 2431 2590 D MCUUpdate: readBin
03-09 05:02:50.390 2431 2590 D MCUUpdate: mcu.bin : [-119, 23, -103, 59, 86, 48, 46, 49, 46, 49, 0, 0, 0, 1, 1, 0, -100, -121, 0, 0, 78, -14, -91, -59, -99, 0, 0, 0, 0, 0, 0, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
03-09 05:02:50.390 2431 2590 D MCUUpdate: readBin
03-09 05:02:50.394 2431 2590 D MCUUpdate: mcu.bin : [-119, 23, -103, 59, 86, 48, 46, 49, 46, 49, 0, 0, 0, 1, 1, 0, -100, -121, 0, 0, 113, -34, 89, -46, 101, 0, 0, 0, 0, 0, 0, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
03-09 05:02:50.395 2431 2590 D MCUUpdate: Bin Version:V0.1.1 File Name:V0.1.1
03-09 05:02:50.395 2431 2590 D MCUUpdate: strat update; mpu send 85 01
```

```
03-13 19:48:57.436 D/MCUUpdate( 2401): find 2 mcu version:figureAPP_V0.0.0_b.bin figureAPP_V0.0.0_a.bin
03-13 19:48:57.440 D/MCUUpdate( 2401): Check MCU current version :res = 0
03-13 19:48:57.472 D/MCUUpdate( 2401): MCU version: 86 length: 9
03-13 19:48:57.473 D/MCUUpdate( 2401): Current version: V0.1.1, Find version: V0.0.0
03-13 19:48:57.482 D/MCUUpdate( 2401): readBin
03-13 19:48:57.487 D/MCUUpdate( 2401): mcu.bin : [-119, 23, -103, 59, 86, 48, 46, 48, 46, 48, 0, 0, 0, 0, 0, 0, 124, -121, 0, 0, 13, 33, 31, 113, -29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
03-13 19:48:57.487 D/MCUUpdate( 2401): readBin
03-13 19:48:57.488 D/MCUUpdate( 2401): mcu.bin : [-119, 23, -103, 59, 86, 48, 46, 48, 46, 48, 0, 0, 0, 0, 0, 0, 124, -121, 0, 0, 64, -26, 68, 9, 74, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
03-13 19:48:57.488 D/MCUUpdate( 2401): Bin Version:V0.0.0 File Name:V0.0.0
03-13 19:48:57.488 D/MCUUpdate( 2401): strat update; mpu send 85 01
```

MCU升级模块中存在这样的日志：

Current version: V0.0.0, Find version: V0.1.1

Current version: V0.1.1, Find version: V0.0.0

因为MCU升级后会主动重启设备，是否MCU的逻辑中存在循环升级的问题，需要确认。

#23 - 2023-03-19 12:33 - CD TPM-王祥林

- Category changed from CD-FW to BSP
- Assignee changed from CD FW王武军 to CD BSP-陈杰

陈杰

看一下MCU版本号不对，和升级失败的原因。

#24 - 2023-03-23 14:31 - CDTS\_TEST 王成

- Target version set to VC1\_FSE\_0086\_20230328

#25 - 2023-04-03 21:08 - CD BSP-杜磊

- Status changed from ASSIGNED to RESOLVED
- % Done changed from 0 to 80

#26 - 2023-04-04 16:51 - CDTS\_TEST 王成

- Target version changed from VC1\_FSE\_0086\_20230328 to VC1\_FSE\_0090\_20230411

#27 - 2023-04-11 19:07 - CD BSP-陈杰

- Assignee changed from CD BSP-陈杰 to 移动测试一组\_CDTS 刘强
- Verified Version set to 最新的mot文件，v0.1.2
- Root cause set to 目前已经修复，原因为wdt喂狗失败导致，目前已经进行修改。

#28 - 2023-04-11 19:47 - 移动测试一组\_CDTS 刘强

- Status changed from RESOLVED to VERIFIED

修改mot文件后，Mot V0.1.2

验证结果：通过

<https://thundersoft.feishu.cn/sheets/shtcn5ImqRt1IhgQPZiHG2kCNxe?sheet=vbV6Dw>

#29 - 2023-04-11 19:48 - 移动测试一组\_CDTS 刘强

- Status changed from VERIFIED to CLOSED

| Files      |         |            |                      |
|------------|---------|------------|----------------------|
| jiang1.log | 367 KB  | 2023-03-09 | System组-RD3_CDTS 蒋富雄 |
| logcat.txt | 5.85 MB | 2023-03-09 | System组-RD3_CDTS 蒋富雄 |
| logcat.txt | 3.27 MB | 2023-03-10 | CDTS_Test 吴诗雨        |