

Status:	CLOSED	Start date:	2023-06-05
Priority:	Normal	Due date:	
Assignee:	移动测试一组_CDTS 刘强	% Done:	0%
Category:	BSP	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	103版本
Resolution:	--	Degrated:	--
Severity:	Critical	Verified Version:	
Reproducibility:	Occasionally	Fixed Version:	
Test Type:	ST	Root cause:	
Description			
前置条件：使用替换内存之后的VC1主板做KL15断电压测			
操作步骤：KL15压测完之后查看设备状态			
实际结果：			
1、ABD可识别设备，但概率无法使用命令进行操作			
2、设备概率会出现重启，黑屏等异常，同时会自动进入*#149#界面			
预期结果：KL15压测无异常			

History

#1 - 2023-06-05 22:14 - CDTS_TEST 王成

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/118564

#2 - 2023-06-06 10:39 - CD SYSTEM-胡兵

- Assignee changed from CD SYSTEM-胡兵 to CD TPM-王祥林

system_server没有重启异常，sys.system_server.start_count都为1

电压保护触发shutdown的比较多，需要排查硬件电压是否异常

```
./tlog_591bfbe1_009686_0605191446/FSEM_009612_2786_0602165709/logcat/009607_persist_00561_230602_165453.log.ing:1321:06-02 16:57:00.268 0 0 I [
367.898731] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1506 (system_server)
./tlog_591bfbe1_009686_0605191446/FSEM_009686_2950_0605191400/logcat/009684_persist_00682_230605_191301.log.ing:922:06-05 19:13:26.563 0 0 I [
379.716590] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1528 (system_server)
./tlog_591bfbe1_009686_0605191446/FSEM_009686_2950_0605191400/kernel/009684_kernel_00855_700101_080009.log.ing:1414:06-05 19:13:26.563 0 0 I [
379.716590] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1528 (system_server)
./tlog_591bfbe1_009686_0605191446/FSEM_009626_2789_0602170539/kernel/009622_kernel_00679_700101_080009.log.ing:1092:06-02 17:05:31.435 0 0 I [
173.307684] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1513 (system_server)
./tlog_591bfbe1_009686_0605191446/FSEM_009678_2946_0605184908/logcat/009674_persist_00609_230605_184821.log.ing:743:06-05 18:48:58.460 0 0 I [
380.092376] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1496 (system_server)
./tlog_591bfbe1_009686_0605191446/FSEM_009678_2946_0605184908/kernel/009674_kernel_00844_700101_080010.log.ing:1324:06-05 18:48:58.460 0 0 I [
380.092376] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1496 (system_server)
```

./tlog_591bfbe1_009684_0605191315/FSEM_009612_2786_0602165709/logcat/009607_persist_00561_230602_165453.log.ing:1321:06-02 16:57:00.268 0 0 I [367.898731] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1506 (system_server)
./tlog_591bfbe1_009684_0605191315/FSEM_009626_2789_0602170539/kernel/009622_kernel_00679_700101_080009.log.ing:1092:06-02 17:05:31.435 0 0 I [173.307684] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1513 (system_server)
./tlog_591bfbe1_009684_0605191315/FSEM_009678_2946_0605184908/logcat/009674_persist_00609_230605_184821.log.ing:743:06-05 18:48:58.460 0 0 I [380.092376] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1496 (system_server)
./tlog_591bfbe1_009684_0605191315/FSEM_009678_2946_0605184908/kernel/009674_kernel_00844_700101_080010.log.ing:1324:06-05 18:48:58.460 0 0 I [380.092376] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1496 (system_server)

- #3 - 2023-06-06 14:25 - CD SYSTEM-胡兵
- File 20230606-141722 added
 - Status changed from New to NEED_INFO
 - Assignee changed from CD TPM-王祥林 to CDTS_TEST 王成

进一步分析，shutdown,Trigger voltage protection'为打印问题，正常mcu关机reason，后期需要修正，如果出现电压问题，会有如下打印：
"DTC_MCU: received voltage warning"

与王成沟通，问题发生在0605 18：~19：00之间
9671-9674四次重启分别是adb、edl、mcu/mpu update、mcu通知shutdown控制，时间点18：27，在往前都是9671次开机，未重启，system_server pid未变
9675-9677三次重启未记录，还未启动到tlog运行，同步查看uefi未报错，应该是卡在kernel阶段，需要对应的串口日志分析
9678次重启应该是mcu通知，时间点19：05

```
9671:
./FSEM_009672_2944_0605182807/logcat/009671_persist_01553_230605_182406.log.ing:627:06-05 18:27:27.039 0 0 I [254024.209618] init: Got shutdown_command 'reboot,shell' Calling
HandlePowerctlMessage()

9672:
./FSEM_009674_2945_0605184259/logcat/009672_persist_01575_230605_183027.log.ing:2192:06-05 18:32:46.644 0 0 I [ 301.497574] init: Got shutdown_command 'reboot,edl' Calling
HandlePowerctlMessage()

9673:
06-05 18:42:51.376 0 0 I [ 32.413611] init: Received sys.powerctl='reboot,mcu/mpu update completed' from pid: 1518 (system_server)

9674:
06-05 18:48:58.460 0 0 I [ 380.092376] init: Received sys.powerctl='shutdown,Trigger voltage protection' from pid: 1496 (system_server)

9675:
9676:
9677:

9678:
06-05 19:05:55.069 0 0 I [ 1028.536222] init: processing action (sys.shutdown.requested=*) from (/vendor/etc/init/hw/init.qcom.rc:669)
```

- #4 - 2023-06-06 14:26 - CD SYSTEM-胡兵
- File reboot.jpeg added
- #5 - 2023-06-25 14:21 - CDTS_TEST 王成
- Assignee changed from CDTS_TEST 王成 to 移动测试一组_CDTS 刘强

再次压测查看问题是否能复现

- #6 - 2023-07-02 14:37 - 移动测试一组_CDTS 刘强
- Status changed from NEED_INFO to RESOLVED

106版本、110、116版本不复现，三个版本不复现，暂时关闭

#7 - 2023-07-02 14:38 - 移动测试一组_CDTS 刘强
- Status changed from RESOLVED to VERIFIED

#8 - 2023-07-02 14:38 - 移动测试一组_CDTS 刘强
- Status changed from VERIFIED to CLOSED

Files			
20230606-141722	178 KB	2023-06-06	CD SYSTEM-胡兵
reboot.jpeg	178 KB	2023-06-06	CD SYSTEM-胡兵