

Figure - Bug #117286

【BSP】【DVT】【SYSTEM】开机过程中，kernel日中出现大量Warning相关的打印的call trace

2023-03-31 17:20 - CD BSP-杜磊

Status:	CLOSED	Start date:	2023-03-31
Priority:	Normal	Due date:	2023-04-21
Assignee:	移动测试一组_CDTs 刘强	% Done:	100%
Category:	BSP	Estimated time:	0.00 hour
Target version:	VC1_FSE_0094_20230425	Found Version:	FlatBuild_HH_MCE_FSE.M.D.user.01.00.C102(X102)
Need_Info:	--	Degrated:	--
Resolution:	FIXED	Verified Version:	
Severity:	Normal	Fixed Version:	
Reproducibility:	Every time	Root cause:	device-tree中音频引用了未使用的WCD和WSA的驱
Test Type:	ST		
Description			
[8.156720] Unbalanced enable for IRQ 401 [8.156741] WARNING: CPU: 2 PID: 30 at kernel/irq/manage.c:621 enable_irq+0x90/0xe8 [8.156743] Modules linked in: wlan(O+) tsnv(O) machine_dtlkm(O) wcd938x_slave_dtlkm(O) wcd938x_dtlkm(O) wcd9xxx_dtlkm(O) mbhlc_dtlkm(O) tx_macro_dtlkm(O) rx_macro_dtlkm(O) va_macro_dtlkm(O) wsa_macro_dtlkm(O) swr_ctrl_dtlkm(O) bolero_cdc_dtlkm(O) wsa881x_dtlkm(O) wcd_core_dtlkm(O) stub_dtlkm(O) hdmi_dtlkm(O) swr_dtlkm(O) pinctrl_lpi_dtlkm(O) pinctrl_wcd_dtlkm(O) usf_dtlkm(O) native_dtlkm(O) platform_dtlkm(O) q6_dtlkm(O) adsp_loader_dtlkm(O) apr_dtlkm(O) snd_event_dtlkm(O) q6_notifier_dtlkm(O) q6_pdr_dtlkm(O) msm_11ad_proxy [8.156789] CPU: 2 PID: 30 Comm: kworker/2:0 Tainted: G S O 4.19.157-perf+ #1 [8.156792] Hardware name: Qualcomm Technologies, Inc. kona MTP-RmPM8150b. VX1 EVT2 (DT) [8.156807] Workqueue: pm pm_runtime_work [8.156811] pstate: 60c00085 (nZCv dalF +PAN +UAO) [8.156814] pc : enable_irq+0x90/0xe8 [8.156817] lr : enable_irq+0x90/0xe8 [8.156818] sp : fffff80082c3b60 [8.156820] x29: fffff80082c3b70 x28: 0000000000000002 [8.156823] x27: 0000000000000100 x26: 0000000000000000 [8.156825] x25: 0000000000000000 x24: fffffec2ecfb37d [8.156828] x23: fffffec2ecf9ca1 x22: fffffec2ecfb248 [8.156831] x21: fffffec46573810 x20: 0000000000000191 [8.156834] x19: fffffec46ef9c00 x18: 0000000000000030 [8.156836] x17: fffffaff4020000 x16: 00000000fffc12e0 [8.156839] x15: 00000000000c12e0 x14: 0000000000000086 [8.156842] x13: 0000000000000030 x12: 0000000000000000 [8.156844] x11: 0000000000000000 x10: 0000000000000007 [8.156847] x9 : a3afc59746a77500 x8 : a3afc59746a77500 [8.156850] x7 : 0000000000000000 x6 : fffffec7987ed4d [8.156852] x5 : 0000000000000000 x4 : 0000000000000006 [8.156855] x3 : 0000000000000031 x2 : 0000000000000007 [8.156858] x1 : 0000000000000007 x0 : 000000000000001d [8.156862] Call trace: [8.156866] enable_irq+0x90/0xe8 [8.156895] swrm_runtime_suspend+0x428/0x4d8 [swr_ctrl_dtlkm] [8.156899] pm_generic_runtime_suspend+0x24/0x38 [8.156908] __rpm_callback+0x124/0x228 [8.156911] rpm_suspend+0x464/0x818 [8.156914] rpm_idle+0x5b8/0x5f8 [8.156916] pm_runtime_work+0x78/0xa0			

[8.156921] process_one_work+0x278/0x440
[8.156924] worker_thread+0x260/0x4a8
[8.156926] kthread+0x140/0x150
[8.156931] ret_from_fork+0x10/0x18
[8.156933] ---[end trace e0de569a72d9b7d0]---

History

#1 - 2023-03-31 17:21 - CD BSP-杜磊

- File user_dmesg.log added

#2 - 2023-04-03 21:19 - CD BSP-杜磊

- Due date set to 2023-04-21

#3 - 2023-04-04 16:57 - CD BSP-杜磊

- Target version set to VC1_FSE_0094_20230425

#4 - 2023-04-06 20:25 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
191648	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	tangjz1204@thundersoft.com
BSP:Audio: Fix kernel warning logFix kernel warning logTC-RID: 1201-0101104IssueID: TS-R-DF-117286Change-Id: Ib8ab021b5a5c73bbc02405a9e9527d8fb5dd4c9c			

#5 - 2023-04-11 14:56 - CD BSP-杜磊

- File kernel.txt added

- Status changed from New to ASSIGNED

金泽 ,
user版本中有大量的audio相关的报错 , check一下是否可以关闭

#6 - 2023-04-12 20:24 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
193049	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	tangjz1204@thundersoft.com
BSP:Audio: Fix kernel warning log(2)Disable wsa881x and wcd938x audio deviceTC-RID: 1201-0101104IssueID: TS-R-DF-117286Change-Id: Icdace0707358b497a75c8a65259dec0592e8b926			

#7 - 2023-04-14 14:35 - CD BSP-唐金泽

- Status changed from ASSIGNED to RESOLVED
- Assignee changed from CD BSP-唐金泽 to CD BSP-杜磊
- Resolution changed from -- to FIXED
- Root cause set to device-tree 中音频引用了未使用的WCD和WSA的驱动节点

已修改，合入版本。
请帮忙关闭该票

- #8 - 2023-04-18 14:54 - CD BSP-杜磊
- Assignee changed from CD BSP-杜磊 to 移动测试一组_CDTS 刘强
 - % Done changed from 0 to 100

Hi, 刘强，

关闭一下，不用验证，只是优化log.

- #9 - 2023-04-18 17:12 - 移动测试一组_CDTS 刘强
- Status changed from RESOLVED to VERIFIED

优化log，研发自检ok

- #10 - 2023-04-18 17:12 - 移动测试一组_CDTS 刘强
- Status changed from VERIFIED to CLOSED

Files			
user_dmesg.log	304 KB	2023-03-31	CD BSP-杜磊
kernel.txt	331 KB	2023-04-11	CD BSP-杜磊