

LP11A - Bug #493

Full I/O & Sys Stress

07/18/2024 03:43 PM - mike

Status:	Closed	Start date:	07/18/2024
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:	Driver_[RK3568/RK3399Pro]	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
:	LP11A	:	Ubuntu
CPU:	RK3399Pro	:	Linux version 4.4.194 (yangyonghao@ubuntu2004) (gcc version 6.3.1 20170404 (Linaro GCC 6.3-2017.05)) #76 SMP Wed Jul 17 15:08:42 CST 2024
:		APP:	-
/:	-	:	One Time
:	03	:	
/:	02	:	
:	\\192.168.1.250\01-Public\wilson_test\rk 3399pro\linux\aidong\V3.0\update.img	EMMC:	
Description			
Full I/O Stress Sys Stress CPU&GPU&NPU&Memory Loading ≥ 95%			

History

#1 - 07/18/2024 03:47 PM -
- File clipboard-202407181546-pwexf.png added

```
[ 2394.363730] [<ffff8008080b08>] do_mem_abort+0x54/0xac
[ 2394.364191] Exception stack(0xfffffc0cdd17b10 to 0xfffffc0cdd17c40)
[ 2394.364756] 7b00: fffffc0ee688bc8 0000008000000000
[ 2394.365446] 7b20: fffffc0cdd17ce0 fffff8008196680 0000000000000000 fffffc0766ebb80
[ 2394.366135] 7b40: fffffc0ebd11da8 fffffc0766ebb80 0000007fb6a66000 fffffc0ced47100
[ 2394.366825] 7b60: fffffc03403dff0 fffffc0cdd5fda8 0000000000000000 fffffc0ced4bc60
[ 2394.367515] 7b80: 00000000000000f0 fffff800929f780 00000000cdd17bc0 0000000000000001
[ 2394.368204] 7ba0: fffffc0cdd17bb0 fffff80081a60a4 fffffc02fb98210 ffffffff00000001
[ 2394.368893] 7bc0: 0000000000000000 00000040ede17000 00000000003f1bb0 0000000000000000
[ 2394.369583] 7be0: 0000000000000000 fffffc0cdc15180 0000000000000000 000000000100073
[ 2394.370273] 7c00: fffffc0f062f3c9 fffffc0cdd72058 fffffc0cdc99f78 0000000000000027
[ 2394.370962] 7c20: fffffc0cec79610 0000000000000000 fffff800809b360 0000007fb69b47c0
[ 2394.371651] [<ffff80080825cc>] el1_da+0x24/0x8c
[ 2394.372069] [<ffff800809a630>] copy_process.isra.7+0xa38/0x127c
[ 2394.372610] [<ffff800809afb3>] _do_fork+0x84/0x308
[ 2394.373050] [<ffff800809b3ac>] Sys_clone+0x4c/0x60
[ 2394.373489] [<ffff8008082f70>] el0_svc_naked+0x24/0x28
[ 2400.150152] Watchdog detected hard LOCKUP on cpu 4
[ 2400.150581] -----[ cut here ]-----
[ 2400.151020] WARNING: at kernel/watchdog.c:352
[ 2400.151159] Watchdog detected hard LOCKUP on cpu 0
[ 2400.151160] -----[ cut here ]-----
```

log

#2 - 08/14/2024 09:30 PM -

- File clipboard-202408142128-g631b.png added

```
1. 日志记录CPU_High_Loadin 自旋锁
2. log记录CPU_High_Loadin 脚本gst.sh
3. /dev/watchdog 看门狗
4.
5.
```

死锁产生的4个必要条件？

产生死锁的必要条件：

- 1. 互斥条件：进程要求对所分配的资源进行排它性控制，即在一段时间内某资源仅为一进程所占用。
- 2. 请求和保持条件：当进程因请求资源而阻塞时，对已获得的资源保持不放。
- 3. 不剥夺条件：进程已获得的资源在未使用完之前，不能剥夺，只能在使用完时由自己释放。
- 4. 环路等待条件：在发生死锁时，必然存在一个进程--资源的环形链。

#3 - 08/15/2024 02:43 PM -

- Status changed from New to Closed

Files			
hang_up_error_log.txt	82.3 KB	07/18/2024	mike
clipboard-202407181546-pwexf.png	67.8 KB	07/18/2024	
clipboard-202408142128-g631b.png	25.5 KB	08/14/2024	