
第一步：

```
adb root
adb remount
adb shell
echo 0 > /d/tracing/tracing_on
echo 50000 > /d/tracing/buffer_size_kb
cat /d/tracing/buffer_size_kb
echo "" > /d/tracing/set_event
echo "" > /d/tracing/trace
echo power:cpu_idle power:cpu_frequency power:cpu_frequency_switch_start
msm_low_power:* sched:sched_cpu_hotplug sched:sched_switch
sched:sched_wakeup sched:sched_wakeup_new sched:sched_enq_deq_task >>
/d/tracing/set_event
echo power:clock_set_rate power:clock_enable power:clock_disable
msm_bus:bus_update_request >> /d/tracing/set_event
echo cpufreq_interactive:cpufreq_interactive_target
cpufreq_interactive:cpufreq_interactive_setspeed >> /d/tracing/set_event
echo irq:* >> /d/tracing/set_event
echo mdss:* >> /d/tracing/set_event
echo mdss:mdp_mixer_update mdss:mdp_sspp_change mdss:mdp_commit >>
/d/tracing/set_event
echo workqueue:workqueue_execute_end workqueue:workqueue_execute_start
workqueue:workqueue_activate_work workqueue:workqueue_queue_work >>
/d/tracing/set_event
echo kgsi:kgsi_pwrlevel kgsi:kgsi_buslevel kgsi:kgsi_pwr_set_state >>
/d/tracing/set_event
echo regulator:regulator_set_voltage_complete
regulator:regulator_disable_complete regulator:regulator_enable_complete >>
/d/tracing/set_event
echo power:* >> /d/tracing/set_event
```

第二步：

确认buffer_size_kb 设置到5000 是否成功

```
cat /d/tracing/buffer_size_kb
```

如果获取到的值不是50000，请按照如下方法重新设置一下：

```
echo 20000 > /d/tracing/buffer_size_kb
```

```
echo 30000 > /d/tracing/buffer_size_kb
```

```
echo 40000 > /d/tracing/buffer_size_kb
```

```
echo 50000 > /d/tracing/buffer_size_kb
```

```
cat /d/tracing/buffer_size_kb
```

如果还是无法设置成功，可以设置的稍微小一点，如30000，20000，10000...

第三步：

输入以下命令，30s 后开始抓取ftrace, 120s 后结束。也就是说在 30~160s 这段时间内要复现问题。

这2个时间可以根据测试场景灵活调整。

```
sleep 30 && echo 1 > /d/tracing/tracing_on && sleep 120 && echo 0 > /d/tracing/tracing_on &
```

第四步：

断开USB，power monitor 点击run, 30s 内开始case测试。

第五步：

复现问题后，连接USB，输入如下命令，获取ftrace.

```
adb shell "cat /d/tracing/tracing_on"
```

```
adb shell "echo 0 > /d/tracing/tracing_on"
```

```
adb shell "cat /d/tracing/tracing_on"
```

```
adb shell "cat /d/tracing/trace > /data/local/tmp/trace_wakeup.txt"
```

```
adb pull /data
```
