

进程崩溃足迹的微小差异导致在show crash list中单独列出

目录

[问题](#)

[答案](#)

[相关的思科支持社区讨论](#)

问题

为什么故障列表中会单独列出与已发现的故障看起来相同的故障？

答案

分析以下两个sessmgr进程崩溃时，您可能会断定它们是相同的，并怀疑系统为什么将它们单独列在崩溃列表中。在仔细观察后，请注意**show crash number X**输出最左列的地址稍有不同，该列是代码中的一个点，该代码中同一行上的函数调用其上面列出的函数(本例中为snx_hsgwdrv_send_add_sub_session())。

```
***** show crash list *****
Friday October 03 18:25:28 UTC 2014
==          ==          ==          ==          ==          ==
#           Time           Process      Card/CPU/      SW           HW_SER_NUM
                PID           VERSION      SMC / Crash Card
==          ==          ==          ==          ==          ==

1  2013-Nov-30+05:08:15 sessmgr  07/0/04317  14.1(50455)  SAD160200KX/PLB31103947
2  2014-Jun-06+16:45:44 sessmgr  05/0/06002  15.0(53417)  SAD160200KX/PLB37108248
3  2014-Oct-02+08:08:03 sessmgr  15/0/06059  16.1(55894)  SAD160200KX/PLB42100206
4  2014-Oct-03+03:02:00 sessmgr  02/0/05979  16.1(55894)  SAD160200KX/PLB38108892

Total Crashes : 12
***** CRASH #03 ***** SW Version : 16.1(55894) Similar Crash
Count : 1 Time of First Crash : 2014-Oct-02+08:08:03 Fatal Signal 11: Segmentation fault PC:
[0534bf6d/X] sessmgr_imsa_update_ip_addr() Faulty address: (nil) Signal from: kernel Signal
detail: address not mapped to object Process: card=15 cpu=0 arch=X pid=6059 cpu=~0%
argv0=sessmgr Crash time: 2014-Oct-02+08:08:03 UTC Recent errno: 11 Resource temporarily
unavailable Stack (64280@0xffffee000): [0534bf6d/X] sessmgr_imsa_update_ip_addr() sp=0xffffee7d8
[0365f41d/X] sessmgr_mag_handle_add_sub_session() sp=0xffffe928 [036f3a66/X]
smgr_fsm_state_connected() sp=0xfffffaff8 [03681397/X] smgr_callline_fsm() sp=0xfffffb098
[05d8089b/X] sessmgr_app_svr_event_control_dispatch() sp=0xfffffb628 [0461986b/X]
snx_hsgwdrv_send_add_sub_session() sp=0xfffffbba8
  [0461dfa6/X] snx_hsgwdrv_fsm() sp=0xfffffbd68
  [04621cba/X] snx_hsgwdrv_event_control_dispatch() sp=0xffffbdf8
  [046032b6/X] snx_pppdrv_notify_vsncp_up() sp=0xfffffbe28
  [046036ac/X] snx_pppdrv_fsm_state_connected() sp=0xfffffbe68
  [0460446a/X] snx_pppdrv_fsm() sp=0xffffbfe8
  [04608e0a/X] mlppp_event_indication() sp=0xfffffc328
  [0514d1ae/X] VSNCNNotify() sp=0xfffffc388
  [0515e88d/X] NCPRunStateActions() sp=0xfffffc3e8
  [0515ae53/X] ProcessConfigData() sp=0xfffffc488
```

```

[0515b9ec/X] ProcessNCP() sp=0xffffc4b8
[05144931/X] MLPSwitch() sp=0xffffc558
[05167c5c/X] PPPSwitch() sp=0xffffc768
[05e47033/X] DoSomethingWithData.isra.149() sp=0xffffcc78
[05e5a1ea/X] sessmgr_med_rp_a10_data_receive() sp=0xffffd3f8
[0600880d/X] sessmgr_med_data_receive() sp=0xffffd598
[0ac565ac/X] sn_epoll_run_events() sp=0xffffd5e8
[0ac5aca8/X] sn_loop_run() sp=0xffffda98
[0a9fd96d/X] main() sp=0xffffdb08
***** CRASH #04 ***** SW Version : 16.1(55894) Similar Crash
Count : 9 Time of First Crash : 2014-Oct-02+07:31:35 Fatal Signal 11: Segmentation fault PC:
[0534bf6d/X] sessmgr_imsa_update_ip_addr() Faulty address: (nil) Signal from: kernel Signal
detail: address not mapped to object Process: card=2 cpu=0 arch=X pid=5979 cpu=~4% argv0=sessmgr
Crash time: 2014-Oct-03+03:02:00 UTC Recent errno: 11 Resource temporarily unavailable Stack
(64280@0xffffee000): [0534bf6d/X] sessmgr_imsa_update_ip_addr() sp=0xffffe7d8 [0365f41d/X]
sessmgr_mag_handle_add_sub_session() sp=0xffffe928 [036f3a66/X] smgr_fsm_state_connected()
sp=0xffffaff8 [03681397/X] smgr_callline_fsm() sp=0xffffb098 [05d8089b/X]
sessmgr_app_svr_event_control_dispatch() sp=0xffffb628 [0461986b/X]
snx_hsgwdrv_send_add_sub_session() sp=0xffffbba8
[0461dd33/X] snx_hsgwdrv_fsm() sp=0xffffbd68
[04621cba/X] snx_hsgwdrv_event_control_dispatch() sp=0xffffbdf8
[046032b6/X] snx_pppdrv_notify_vsncp_up() sp=0xffffbe28
[046036ac/X] snx_pppdrv_fsm_state_connected() sp=0xffffbe68
[0460446a/X] snx_pppdrv_fsm() sp=0xffffbfe8
[04608e0a/X] mlppp_event_indication() sp=0xffffc328
[0514d1ae/X] VSNCPNotify() sp=0xffffc388
[0515e88d/X] NCPRunStateActions() sp=0xffffc3e8
[0515ae53/X] ProcessConfigData() sp=0xffffc488
[0515b9ec/X] ProcessNCP() sp=0xffffc4b8
[05144931/X] MLPSwitch() sp=0xffffc558
[05167c5c/X] PPPSwitch() sp=0xffffc768
[05e47033/X] DoSomethingWithData.isra.149() sp=0xffffcc78
[05e5a1ea/X] sessmgr_med_rp_a10_data_receive() sp=0xffffd3f8
[0600880d/X] sessmgr_med_data_receive() sp=0xffffd598
[0ac565ac/X] sn_epoll_run_events() sp=0xffffd5e8
[0ac5aca8/X] sn_loop_run() sp=0xffffda98
[0a9fd96d/X] main() sp=0xffffdb08

```

这里的要点是，由于对函数的调用来自代码中不同的位置，崩溃被列为单独的崩溃。

在这些情况下，请向思科提交一个案例，以确认崩溃的根本原因对于此类情况是否相同，只要不同代码流需要单独的修复。