進程崩潰痕跡的細微差別會導致顯示崩潰清單中的單獨清單

目錄

問題

崩潰清單中顯示的崩潰與已看到的崩潰相同的原因是什麼？

答案

分析以下兩個sessmgr進程崩潰時，您可能會認為它們是相同的，並想知道系統為什麼將它們分別列在崩潰清單中。在仔細觀察時，請注意show crash number X輸出最左側的列中的地址略有不**同，這是代碼中的點，在該點上，同一行上的函式呼叫上面列出的函式**(本例中為snx_hgwdrv_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@0xfffee000): [0534bf6d/X] sessmgr_imsa_update_ip_addr() sp=0xfffee7d8
[0365f41d/X] sessmgr_mag_handle_add_sub_session() sp=0xfffee928 [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
    [0461dfa6/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
********************* 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@0xfffee000): [0534bf6d/X] sessmgr_imsa_update_ip_addr() sp=0xfffee7d8 [0365f41d/X]
sessmgr_mag_handle_add_sub_session() sp=0xfffee928 [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
```

這裡的一點是，由於函式呼叫是從代碼的不同位置發出的，因此這些崩潰被列為單獨的崩潰。

在這些情況下，請與Cisco建立案例，以確認此類情形下崩潰的根本原因是否相同，這僅僅是因為不同的代碼流需要單獨的修復。