Subject: kernel panics - 2.6.18 RHEL5 028stab053.14
Posted by Xavier Martin on Thu, 17 Jul 2008 15:23:28 GMT
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Hi all,

I've seen few kernel panics,

I'm using RHEL kernel 2.6.18 + patch-53.1.19.el5.028stab053.14-combined
config is kernel-2.6.18-i686-ent.config.ovz

Only little difference w/ other setup : i'm using drbd for data storage.

Jul 16 01:00:07 blastor-1 kernel: CT: 101: started
Jul 16 01:00:17 blastor-1 kernel: BUG: warning at
kernel/ub/io_acct.c:257/ub_io_release_context() (Tainted: P)
Jul 16 01:00:17 blastor-1 kernel: [<0245de96>] free_hot_cold_page
+0x70/0x11a
Jul 16 01:00:17 blastor-1 kernel: [<025a269e>] skb_release_data
+0x4d/0x80
Jul 16 01:00:17 blastor-1 kernel: [<025a2bbb>] kfree_skbmem+0x8/0x63
Jul 16 01:00:17 blastor-1 kernel: [<025d0127>] tcp_ack+0x689/0x183f
Jul 16 01:00:17 blastor-1 kernel: [<025d3cd8>] tcp_rcv_established
+0xd1/0x84d
Jul 16 01:00:17 blastor-1 kernel: [<02601416>] _spin_lock_bh+0x8/0x18
Jul 16 01:00:17 blastor-1 kernel: [<025d9a65>] tcp_v4_do_rcv+0x40/0x329
Jul 16 01:00:17 blastor-1 kernel: [<0259fc16>] sk_wait_data+0x89/0x98
Jul 16 01:00:17 blastor-1 kernel: [<02434989>] autoremove_wake_function
+0x0/0x2d
Jul 16 01:00:17 blastor-1 kernel: [<025caf2e>] tcp_prequeue_process
+0x5c/0x6f
Jul 16 01:00:17 blastor-1 kernel: [<025cd573>] tcp_recvmsg+0x4ba/0xaa9
Jul 16 01:00:17 blastor-1 kernel: [<0259edca>] sock_common_recvmsg
+0x2f/0x45
Jul 16 01:00:17 blastor-1 kernel: [<0259cd29>] sock_recvmsg+0xc8/0xe3
Jul 16 01:00:17 blastor-1 kernel: [<02434989>] autoremove_wake_function
+0x0/0x2d
Jul 16 01:00:17 blastor-1 kernel: [<0241165f>] do_flush_tlb_all
+0x0/0x5a
Jul 16 01:00:17 blastor-1 kernel: [<840a74fd>] receive_SyncParam
+0x1d5/0x1e8 [drbd]
Jul 16 01:00:17 blastor-1 kernel: [<840a2868>] drbd_recv+0x5a/0xda
[drbd]
Jul 16 01:00:17 blastor-1 kernel: [<840a2b3f>] drbd_recv_header
+0x10/0x94 [drbd]
Jul 16 01:00:17 blastor-1 kernel: [<840a3157>] drbdd+0x18/0x12e [drbd]
Jul 16 01:00:17 blastor-1 kernel: [<840a598e>] drbdd_init+0xc0/0x194
[drbd]

Jul 16 01:00:17 blastor-1 kernel: [<840b4956>] drbd_thread_setup
+0x0/0x14c [drbd]
Jul 16 01:00:17 blastor-1 kernel: [<840b49dd>] drbd_thread_setup
+0x87/0x14c [drbd]
Jul 16 01:00:17 blastor-1 kernel: [<840b4956>] drbd_thread_setup
+0x0/0x14c [drbd]
Jul 16 01:00:17 blastor-1 kernel: ======================

Jul 10 18:34:59 blastor-1 kernel: CT: 101: stopped
Jul 10 18:35:00 blastor-1 kernel: BUG: warning at
kernel/ub/io_acct.c:257/ub_io_release_context() (Tainted: P   )
Jul 10 18:35:00 blastor-1 kernel: [<0245de96>] free_hot_cold_page
+0x70/0x11a
Jul 10 18:35:00 blastor-1 kernel: [<025a269e>] skb_release_data
+0x4d/0x80
Jul 10 18:35:00 blastor-1 kernel: [<025a2bbb>] kfree_skbmem+0x8/0x63
Jul 10 18:35:00 blastor-1 kernel: [<025d0127>] tcp_ack+0x689/0x183f
Jul 10 18:35:00 blastor-1 kernel: [<025d3cd8>] tcp_rcv_established
+0xd1/0x84d
Jul 10 18:35:00 blastor-1 kernel: [<02601416>] _spin_lock_bh+0x8/0x18
Jul 10 18:35:00 blastor-1 kernel: [<025d9a65>] tcp_v4_do_rcv+0x40/0x329
Jul 10 18:35:00 blastor-1 kernel: [<0259fc16>] sk_wait_data+0x89/0x98
Jul 10 18:35:00 blastor-1 kernel: [<02434989>] autoremove_wake_function
+0x0/0x2d
Jul 10 18:35:00 blastor-1 kernel: [<025caf2e>] tcp_prequeue_process
+0x5c/0x6f
Jul 10 18:35:00 blastor-1 kernel: [<025cd573>] tcp_recvmsg+0x4ba/0xaa9
Jul 10 18:35:00 blastor-1 kernel: [<0259edca>] sock_common_recvmsg
+0x2f/0x45
Jul 10 18:35:00 blastor-1 kernel: [<0259cd29>] sock_recvmsg+0xc8/0xe3
Jul 10 18:35:00 blastor-1 kernel: [<02434989>] autoremove_wake_function
+0x0/0x2d
Jul 10 18:35:00 blastor-1 kernel: [<024020d6>] send_IPI_allbutself
+0x50/0x53
Jul 10 18:35:00 blastor-1 kernel: [<02411521>] smp_call_function
+0x95/0xc2
Jul 10 18:35:00 blastor-1 kernel: [<0241165f>] do_flush_tlb_all
+0x0/0x5a
Jul 10 18:35:00 blastor-1 kernel: [<0242769f>] on_each_cpu+0x17/0x1f
Jul 10 18:35:00 blastor-1 kernel: [<840d7868>] drbd_recv+0x5a/0xda
[drbd]
Jul 10 18:35:00 blastor-1 kernel: [<840d7b3f>] drbd_recv_header
+0x10/0x94 [drbd]
Jul 10 18:35:00 blastor-1 kernel: [<840d8157>] drbdd+0x18/0x12e [drbd]
Jul 10 18:35:00 blastor-1 kernel: [<840da98e>] drbdd_init+0xc0/0x194
[drbd]
Jul 10 18:35:00 blastor-1 kernel: [<840e9956>] drbd_thread_setup
+0x0/0x14c [drbd]

Jul 10 18:35:00 blastor-1 kernel: [<840e99dd>] drbd_thread_setup
+0x87/0x14c [drbd]
Jul 10 18:35:00 blastor-1 kernel: [<840e9956>] drbd_thread_setup
+0x0/0x14c [drbd]
Jul 10 18:35:00 blastor-1 kernel: ======================

I didn't found yet a way to reproduce this problem on-demand.
So far the problem is only seen in syslog/kernel messages, system is
still running correctly (or looks like).

-xavier

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