

Packages - Bug #1056

[linux-libre] Unable to handle kernel paging request

2016-07-18 05:17 AM - shackra

Status:	info needed	% Done:	0%
Priority:	discussion		
Assignee:			
Category:			

Description

Iceweasel dies and becomes zombie after this message:

```
$ dmesg | grep -A 29 pagin
[ +11,774835] BUG: unable to handle kernel paging request at 0b800000
[ +0,000082] IP: [<c11a0190>] khugepaged+0xeb0/0x15c0
[ +0,000061] *pde = 00000000
[ +0,000033] Oops: 0002 [#1] PREEMPT SMP
[ +0,000058] Modules linked in: ath9k ath9k_common ath9k_hw ath mac80211 cfg80211 rfcomm sha256_g
eneric hmac drbg ansi_cprng ctr ccm fuse bnep btusb btrtl btbcm btintel bluetooth joydev mousedev
iTCO_wdt iTCO_vendor_support ip6t_REJECT nf_reject_ipv6 nf_log_ipv6 xt_hl arc4 ip6t_rt kvm_intel n
f_contrack_ipv6 nf_defrag_ipv6 snd_hda_codec_analog snd_hda_codec_generic ipt_REJECT nf_reject_ip
v4 kvm snd_hda_intel e1000e snd_hda_codec xt_comment pcmcia ptp nf_log_ipv4 irqbypass nf_log_commo
n snd_hda_core input_leds psmouse serio_raw i2c_i801 pps_core xt_LOG snd_hwdep lpc_ich acpi_cpufre
q tpm_tis rng_core tpm yenta_socket pcmcia_rsrc pcmcia_core thinkpad_acpi nvram led_class rfkill b
attery fjes shpchp ac snd_pcm snd_timer snd soundcore xt_limit intel_agp xt_tcpudp evdev thermal m
ac_hid xt_addrtype processor
[ +0,000888] nf_contrack_ipv4 nf_defrag_ipv4 xt_contrack ip6table_filter ip6_tables nf_contra
ck_netbios_ns nf_contrack_broadcast nf_nat_ftp nf_nat nf_contrack_ftp nf_contrack iptable_filte
r sch_fq_codel ip_tables x_tables ext4 crc16 jbd2 mbcache serpent_sse2_i586 serpent_generic lrw gl
ue_helper ablk_helper cryptd xts gf128mul algif_skcipher af_alg dm_crypt dm_mod sd_mod sr_mod cdro
m ata_generic pata_acpi hid_generic usbhid hid atkbd libps2 ahci libahci ata_piix uhci_hcd libata
scsi_mod ehci_pci ehci_hcd usbcore usb_common i8042 serio i915 video button intel_gtt i2c_algo_bit
drm_kms_helper syscopyarea sysfillrect sysimgblt fb_sys_fops drm agpgart [last unloaded: cfg80211
]
[ +0,000723] CPU: 0 PID: 26 Comm: khugepaged Not tainted 4.6.3-gnu-1 #1
[ +0,000061] Hardware name: LENOVO 1951F8G/1951F8G, BIOS CBET4000 79ETE7WW (2.27 ) 05/18/2015
[ +0,000076] task: f4124a00 ti: f41b6000 task.ti: f41b6000
[ +0,000049] EIP: 0060:[<c11a0190>] EFLAGS: 00010202 CPU: 0
[ +0,000052] EIP is at khugepaged+0xeb0/0x15c0
[ +0,000041] EAX: 0b800000 EBX: fffba000 ECX: 0b800000 EDX: 04034b50
[ +0,000055] ESI: fffba000 EDI: 0b800004 EBP: f41b7f68 ESP: f41b7ebc
[ +0,000056] DS: 007b ES: 007b FS: 00d8 GS: 00e0 SS: 0068
[ +0,000049] CR0: 80050033 CR2: 0b800000 CR3: 017bf000 CR4: 000006d0
[ +0,000056] Stack:
[ +0,000021] f41b7f44 00000001 00000000 f77e3480 a3000000 2f375067 ef0b3a2c eafcae34
[ +0,000094] 0000003f f5b24f78 f4e66a64 f4124a00 a3000000 a2c00000 eafcae38 00000bcc
[ +0,000094] f22b22a0 f4124a00 01014a00 a3000000 f4124a00 ef375000 00002000 00001434
[ +0,000094] Call Trace:
[ +0,000030] [<c1098a30>] ? wake_atomic_t_function+0x70/0x70
[ +0,000054] [<c119f2e0>] ? enabled_store+0x60/0x60
[ +0,000046] [<c1075046>] kthread+0xa6/0xc0
[ +0,000040] [<c151c289>] ret_from_kernel_thread+0x21/0x38
[ +0,000052] [<c1074fa0>] ? kthread_worker_fn+0x130/0x130
[ +0,000040] Code: 00 c1 e8 0c 8d 04 80 8d 04 c1 89 85 78 ff ff ff e8 c6 0a eb ff 89 c3 8b 45 b4
89 de e8 ba 0a eb ff 8b 13 8d 78 04 89 c1 83 e7 fc <89> 10 8b 93 fc 0f 00 00 29 f9 29 ce 81 c1 00
10 00 00 c1 e9 02
[ +0,000000] EIP: [<c11a0190>] khugepaged+0xeb0/0x15c0 SS:ESP 0068:f41b7ebc
[ +0,000000] CR2: 000000000b800000
[ +0,000000] ---[ end trace e9eb0c2e5ba56266 ]---
[ +0,000000] note: khugepaged[26] exited with preempt_count 2
```

I can't kill a zombie process, nor I can start a new instance of Iceweasel because it detects this zombie process as a valid running Iceweasel instance. I'm running this kernel:

This happens too with the LTS kernel so I'm not sure what is causing this bug.

History

#1 - 2016-07-18 08:40 PM - shackra

Oh, here it comes again, 30 seconds after I opened the browser and went to YouTube

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[ +16,159680] BUG: unable to handle kernel paging request at 0b800000
[ +0,000079] IP: [

```

#2 - 2016-08-31 08:26 PM - Anonymous

- Assignee set to Anonymous

#3 - 2016-12-08 11:31 PM - g4jc

- Status changed from open to info needed

Is this still an issue in the latest iceweasel 50?

#4 - 2017-01-06 11:42 PM - Anonymous

- Priority changed from bug to discussion

#5 - 2017-04-18 07:27 PM - Anonymous

- Assignee deleted (Anonymous)

#6 - 2018-08-27 03:22 AM - lukeshu

- Subject changed from [iceweasel] It dies and comes back as a zombie to [linux-libre] Unable to handle kernel paging request

To the degree that this is a software issue, it's an issue with the kernel, not with iceweasel.

That said, this looks a lot like faulty RAM. Given that you've seen this with both the current and LTS kernels, that seems even more likely.