Subject: *SOLVED* server crash
Posted by youp on Thu, 25 Jan 2007 20:17:21 GMT
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i use kernel 2.6.18-028test010 compiled with drbd 0.7.2 , but my server is unstable :

two times crash :

with kernel 2.6.18-028test007 :

Jan 23 23:29:23 vz4 kernel: BUG: unable to handle kernel NULL pointer dereference at virtual address 00000010
Jan 23 23:29:23 vz4 kernel: printing eip:
Jan 23 23:29:23 vz4 kernel: c01b3770
Jan 23 23:29:23 vz4 kernel: *pde = 0f27b001
Jan 23 23:29:23 vz4 kernel: Oops: 0000 [#1]
Jan 23 23:29:23 vz4 kernel: SMP
Jan 23 23:29:23 vz4 kernel: Modules linked in: simfs drbd vzethdev vzrst vzcpt vzdquota af_packet sunrpc vznetdev vzmon vzdev ip_nat_ftp iptable_nat ip_nat xt_state xt_length ipt_ttl xt_tcpmss ipt_TCPMSS xt_multiport xt_limit ip_conntrack_ftp xt_conntrack ip_conntrack ipt_LOG ipt_TOS ipt_tos ipt_REJECT iptable_mangle xt_tcpudp iptable_filter ip_tables x_tables thermal processor fan button battery asus_acpi ac parport_pc lp parport floppy i2c_i801 sg ide_cd i2c_core usbhid e1000 cdrom usbkbd usb_storage shpchp ehci_hcd ohci_hcd uhci_hcd usbcore
Jan 23 23:29:23 vz4 kernel: CPU: 2, VCPU: 0.3
Jan 23 23:29:23 vz4 kernel: EIP: 0060:[<c01b3770>]   Not tainted VLI
Jan 23 23:29:23 vz4 kernel: EFLAGS: 00010246   (2.6.18-028test007 #1)
Jan 23 23:29:23 vz4 kernel: EIP is at mounts_open+0x40/0x110
Jan 23 23:29:23 vz4 kernel: eax: 00000000   ebx: ce43c150   ecx: ce43c234   edx: 00000000
Jan 23 23:29:23 vz4 kernel: esi: ee21a7e8   edi: c5ca4f1c   ebp: f75ee9c0   esp: c5ca4ec8
Jan 23 23:29:23 vz4 kernel: ds: 007b   es: 007b   ss: 0068
Jan 23 23:29:23 vz4 kernel: Process rsync (pid: 907, veid: 0, ti=c5ca4000 task=f7168d90 task.ti=c5ca4000)
Jan 23 23:29:23 vz4 kernel: Stack: 00000004 00008001 f75ee9c0 ee21a7e8 c5ca4f1c c01b3730 c01748bb ee21a7e8
Jan 23 23:29:23 vz4 kernel: f75ee9c0 c3bbd4c0 d5fab598 00008001 00008000 c5ca4f1c 00000003 c0174b2c
Jan 23 23:29:23 vz4 kernel: f75ee9c0 00000000 00008001 00000000 c5ca4f1c d5fab598 c3bbd4c0 00000232
Jan 23 23:29:24 vz4 kernel: Call Trace:
Jan 23 23:29:24 vz4 kernel: [<c01b3730>] mounts_open+0x0/0x110
Jan 23 23:29:24 vz4 kernel: [<c01748bb>] __dentry_open+0xcb/0x220
Jan 23 23:29:24 vz4 kernel: [<c0174b2c>] do_filp_open+0x5c/0x70
Jan 23 23:29:24 vz4 kernel: [<c0174781>] get_unused_fd+0x61/0xd0
Jan 23 23:29:24 vz4 kernel: [<c0174b93>] do_sys_open+0x53/0x110
Jan 23 23:29:24 vz4 kernel: [<c0174686>] filp_close+0x56/0x80
Jan 23 23:29:24 vz4 kernel: [<c0174ca7>] sys_open+0x27/0x30
Jan 23 23:29:24 vz4 kernel: [<c010321b>] syscall_call+0x7/0xb
Jan 23 23:29:24 vz4 kernel: Code: 89 74 24 0c 89 7c 24 10 8b 40 f0 e8 eb 2a f8 ff 85 c0 89 c3 0f

84 c1 00 00 00 8d 80 b0 04 00 00 e8 b6 89 2c 00 8b 83 58 04 00 00 <8b> 70 10 85 f6 74 03 f0 ff 06 b8 01 00 00 00 86 83 b0 04 00 00
Jan 23 23:29:24 vz4 kernel: EIP: [<c01b3770>] mounts_open+0x40/0x110 SS:ESP 0068:c5ca4ec8

and now with kernel 2.6.18-028test010 :

Jan 25 20:53:58 vz4 kernel: BUG: unable to handle kernel NULL pointer dereference at virtual address 00000010
Jan 25 20:53:58 vz4 kernel: printing eip:
Jan 25 20:53:58 vz4 kernel: c01b4750
Jan 25 20:53:58 vz4 kernel: *pde = 12176001
Jan 25 20:53:58 vz4 kernel: Oops: 0000 [#1]
Jan 25 20:53:58 vz4 kernel: SMP
Jan 25 20:53:58 vz4 kernel: Modules linked in: simfs drbd vzethdev vzrst vzcpt vzdquota af_packet sunrpc vznetdev vzmon vzdev ip_nat_ftp iptable_nat ip_nat xt_state xt_length ipt_ttl xt_tcpmss ipt_TCPMSS xt_multiport xt_limit ip_conntrack_ftp xt_conntrack ip_conntrack ipt_LOG ipt_TOS ipt_tos ipt_REJECT iptable_mangle xt_tcpudp iptable_filter ip_tables x_tables thermal processor fan button battery asus_acpi ac parport_pc lp parport floppy sg shpchp i2c_i801 ide_cd i2c_core e1000 usbkbd cdrom usbhid usb_storage ehci_hcd ohci_hcd uhci_hcd usbcore
Jan 25 20:53:58 vz4 kernel: CPU: 3, VCPU: 0.2
Jan 25 20:53:58 vz4 kernel: EIP: 0060:[<c01b4750>] Not tainted VLI
Jan 25 20:53:58 vz4 kernel: EFLAGS: 00010246 (2.6.18-028test010 #2)
Jan 25 20:53:58 vz4 kernel: EIP is at mounts_open+0x40/0x110
Jan 25 20:53:58 vz4 kernel: eax: 00000000 ebx: f4e3d950 ecx: f4e3da34 edx: 00000000
Jan 25 20:53:58 vz4 kernel: esi: de707218 edi: cb180f1c ebp: f7b5b600 esp: cb180ec8
Jan 25 20:53:58 vz4 kernel: ds: 007b es: 007b ss: 0068
Jan 25 20:53:58 vz4 kernel: Process rsync (pid: 15039, veid: 0, ti=cb180000 task=f5c9f300 task.ti=cb180000)
Jan 25 20:53:58 vz4 kernel: Stack: 00000004 00008001 f7b5b600 de707218 cb180f1c c01b4710 c01754ab de707218
Jan 25 20:53:58 vz4 kernel: f7b5b600 f74dc3c0 c9642a18 00008001 00008000 cb180f1c 00000003 c017571c
Jan 25 20:53:58 vz4 kernel: f7b5b600 00000000 00008001 00000000 cb180f1c c9642a18 f74dc3c0 00000232
Jan 25 20:53:58 vz4 kernel: Call Trace:
Jan 25 20:53:58 vz4 kernel: [<c01b4710>] mounts_open+0x0/0x110
Jan 25 20:53:58 vz4 kernel: [<c01754ab>] __dentry_open+0xcb/0x220
Jan 25 20:53:58 vz4 kernel: [<c017571c>] do_filp_open+0x5c/0x70
Jan 25 20:53:58 vz4 kernel: [<c0175371>] get_unused_fd+0x61/0xd0
Jan 25 20:53:58 vz4 kernel: [<c0175783>] do_sys_open+0x53/0x110
Jan 25 20:53:58 vz4 kernel: [<c0175276>] filp_close+0x56/0x80
Jan 25 20:53:58 vz4 kernel: [<c0175897>] sys_open+0x27/0x30
Jan 25 20:53:58 vz4 kernel: [<c010321b>] syscall_call+0x7/0xb
Jan 25 20:53:58 vz4 kernel: Code: 89 74 24 0c 89 7c 24 10 8b 40 f0 e8 bb 1b f8 ff 85 c0 89 c3 0f 84 c1 00 00 00 8d 80 b0 04 00 00 e8 36 8b 2c 00 8b 83 58 04 00 00 <8b> 70 10 85 f6 74 03 f0 ff

06 b8 01 00 00 00 86 83 b0 04 00 00
Jan 25 20:53:58 vz4 kernel: EIP: [<c01b4750>] mounts_open+0x40/0x110 SS:ESP
0068:cb180ec8

i don't have more loggin

it's possible to find the cause with this trace only ?

thansk

Subject: Re: server crash
Posted by dim on Fri, 26 Jan 2007 10:42:24 GMT
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http://bugzilla.openvz.org/show_bug.cgi?id=452

Subject: Re: server crash
Posted by xemul on Fri, 26 Jan 2007 10:46:26 GMT
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This is a know BUG. We've fixed in in 028test011 kernel with
http://git.openvz.org/?p=linux-2.6.18-openvz;a=commit;h=dbf9
6c6ee94d3d5e6d2d0c20ef4c5f49f4354142

As far as DRBD driver is concerned it will appear in 028test013 kernel soon.

Subject: Re: server crash
Posted by youp on Fri, 26 Jan 2007 14:54:10 GMT
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ok , but how i can download the patch for compile kernel 2.6.18 to 2.6.18-028test013 ?

thank you

Subject: Re: server crash
Posted by Vasily Tarasov on Wed, 31 Jan 2007 09:48:40 GMT
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Two way exist:

1) Get the fresh kernel from git (git.openvz.org)
2) Wait till the fresh kernel will be released

HTH,
Vasily.