Subject: Systemabsturz
Posted by Hurlyburly on Thu, 13 Mar 2008 13:08:15 GMT
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Hallo,

nach ca. 4 Monaten Uptime hatte ich heute morgen einen (für mich) unerklärlichen Systemabsturz. Kann mir jemand anhand des beigefügten Auszugs aus /var/log/syslog sagen, wo das Problem herkommt, bzw. wie ich es künftig vermeiden kann?

Ich nutze Kernel 2.6.18-1-openvz unter Debian Etch auf einem System mit

Xeon Quad Core 3220 2,40GHz 8MB FSB1066,
Supermicro Mainboard PDSMI+
4096 MB ECC DRR2 667-RAM ATP (4x 1024 MB)
3Ware Raid Controller 9650-2LP mit 2 x 320 GB SATA II Western Digital

Ein RAM-Check mit Memtester lieferte keine Fehler.

------- /var/log/syslog -------
Mar 13 05:00:08 s1 kernel: BUG: unable to handle kernel paging request at virtual address 00003f82
Mar 13 05:00:08 s1 kernel: printing eip:
Mar 13 05:00:08 s1 kernel: 00000037
Mar 13 05:00:08 s1 kernel: *pde = 17cf2067
Mar 13 05:00:08 s1 kernel: *pte = 00000000
Mar 13 05:00:08 s1 kernel: Oops: 0002 [#1]
Mar 13 05:00:08 s1 kernel: SMP
Mar 13 05:00:08 s1 kernel: Modules linked in: vzethdev vznetdev simfs vzrst ip_nat vzcpt ip_conntrack nfnetlink vzmon xt_tcpudp xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle iptable_filter xt_multiport xt_
limit ipt_tos ipt_REJECT ip_tables x_tables vzdquota vzdev ipv6 button ac battery dm_snapshot dm_mirror dm_mod loop floppy evdev i2c_i801 parport_pc parport shpchp pci_hotplug psmouse i2c_core serio_raw pcspkr rtc
ata_piix libata sd_mod generic piix ide_core ehci_hcd e1000 uhci_hcd usbcore 3w_9xxx scsi_mod thermal processor fan
Mar 13 05:00:08 s1 kernel: CPU: 0, VCPU: 501.1
Mar 13 05:00:08 s1 kernel: EIP: 0060:[<00000037>] Not tainted VLI
Mar 13 05:00:08 s1 kernel: EFLAGS: 00010246 (2.6.18-1-openvz #1)
Mar 13 05:00:08 s1 kernel: EIP is at 0x37
Mar 13 05:00:08 s1 kernel: eax: 00004000 ebx: 00000004 ecx: 00000286 edx: 00004000
Mar 13 05:00:08 s1 kernel: esi: e133bf90 edi: ffffffe0 ebp: 00000001 esp: e133be94
Mar 13 05:00:08 s1 kernel: ds: 007b es: 007b ss: 0068
Mar 13 05:00:08 s1 kernel: Process vms (pid: 19303, veid: 501, ti=e133a000 task=dfcd5910 task.ti=e133a000)
Mar 13 05:00:08 s1 kernel: Stack: c014d0dc c0182a97 00000000 00000000 00000000 00000000 00000030 00000030

Mar 13 05:00:08 s1 kernel: c0183627 e133c010 f4c7d540 cb771600 00000030 00000000 00000001 00000000
Mar 13 05:00:08 s1 kernel: 00001000 00000000 00001000 00000000 00001000 00000000 00001000 00000000
Mar 13 05:00:08 s1 kernel: Call Trace:
Mar 13 05:00:08 s1 kernel: [<c014d0dc>] put_compound_page+0x25/0x26
Mar 13 05:00:08 s1 kernel: [<c0182a97>] splice_to_pipe+0x1df/0x1ed
Mar 13 05:00:08 s1 kernel: [<c0183627>] sys_vmsplice+0x236/0x25f
Mar 13 05:00:08 s1 kernel: Code: Bad EIP value.
Mar 13 05:00:08 s1 kernel: EIP: [<00000037>] 0x37 SS:ESP 0068:e133be94
Mar 13 05:00:13 s1 kernel: BUG: unable to handle kernel paging request at virtual address 00003f82
Mar 13 05:00:13 s1 kernel: printing eip:
Mar 13 05:00:13 s1 kernel: 00000037
Mar 13 05:00:13 s1 kernel: *pde = 17cf2067
Mar 13 05:00:13 s1 kernel: *pte = 00000000
Mar 13 05:00:13 s1 kernel: Oops: 0002 [#2]
Mar 13 05:00:13 s1 kernel: SMP
Mar 13 05:00:13 s1 kernel: Modules linked in: vzethdev vznetdev simfs vzrst ip_nat vzcpt ip_conntrack nfnetlink vzmon xt_tcpudp xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle iptable_filter xt_multiport xt_
limit ipt_tos ipt_REJECT ip_tables x_tables vzdquota vzdev ipv6 button ac battery dm_snapshot dm_mirror dm_mod loop floppy evdev i2c_i801 parport_pc parport shpchp pci_hotplug psmouse i2c_core serio_raw pcspkr rtc
ata_piix libata sd_mod generic piix ide_core ehci_hcd e1000 uhci_hcd usbcore 3w_9xxx scsi_mod thermal processor fan
Mar 13 05:00:13 s1 kernel: CPU: 0, VCPU: 501.2
Mar 13 05:00:13 s1 kernel: EIP: 0060:[<00000037>] Not tainted VLI
Mar 13 05:00:13 s1 kernel: EFLAGS: 00010246 (2.6.18-1-openvz #1)
Mar 13 05:00:13 s1 kernel: EIP is at 0x37
Mar 13 05:00:13 s1 kernel: eax: 00004000 ebx: 00000004 ecx: 00000286 edx: 00004000
Mar 13 05:00:13 s1 kernel: esi: e7c51f90 edi: ffffffe0 ebp: 00000001 esp: e7c51e94
Mar 13 05:00:13 s1 kernel: ds: 007b es: 007b ss: 0068
Mar 13 05:00:13 s1 kernel: Process vms (pid: 19318, veid: 501, ti=e7c50000 task=f43ea7c0 task.ti=e7c50000)
Mar 13 05:00:13 s1 kernel: Stack: c014d0dc c0182a97 00000000 00000000 00000000 00000000 00000030 00000030
Mar 13 05:00:13 s1 kernel: c0183627 e7c52010 dfa21500 cb771600 00000030 00000000 00000001 00000000
Mar 13 05:00:13 s1 kernel: 00001000 00000000 00001000 00000000 00001000 00000000 00001000 00000000
Mar 13 05:00:13 s1 kernel: Call Trace:
Mar 13 05:00:13 s1 kernel: [<c014d0dc>] put_compound_page+0x25/0x26
Mar 13 05:00:13 s1 kernel: [<c0182a97>] splice_to_pipe+0x1df/0x1ed
Mar 13 05:00:13 s1 kernel: [<c0183627>] sys_vmsplice+0x236/0x25f
Mar 13 05:00:13 s1 kernel: Code: Bad EIP value.
Mar 13 05:00:13 s1 kernel: EIP: [<00000037>] 0x37 SS:ESP 0068:e7c51e94
Mar 13 05:00:19 s1 kernel: BUG: unable to handle kernel paging request at virtual address

00003f82
Mar 13 05:00:19 s1 kernel: printing eip:
Mar 13 05:00:19 s1 kernel: 00000037
Mar 13 05:00:19 s1 kernel: *pde = 1c7d1067
Mar 13 05:00:19 s1 kernel: *pte = 00000000
Mar 13 05:00:19 s1 kernel: Oops: 0002 [#3]
Mar 13 05:00:19 s1 kernel: SMP
Mar 13 05:00:19 s1 kernel: Modules linked in: vzethdev vznetdev simfs vzrst ip_nat vzcpt ip_conntrack nfnetlink vzmon xt_tcpudp xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle iptable_filter xt_multiport xt_limit ipt_tos ipt_REJECT ip_tables x_tables vzdquota vzdev ipv6 button ac battery dm_snapshot dm_mirror dm_mod loop floppy evdev i2c_i801 parport_pc parport shpchp pci_hotplug psmouse i2c_core serio_raw pcspkr rtc ata_piix libata sd_mod generic piix ide_core ehci_hcd e1000 uhci_hcd usbcore 3w_9xxx scsi_mod thermal processor fan
Mar 13 05:00:19 s1 kernel: CPU: 3, VCPU: 501.3
Mar 13 05:00:19 s1 kernel: EIP: 0060:[<00000037>]   Not tainted VLI
Mar 13 05:00:19 s1 kernel: EFLAGS: 00010246   (2.6.18-1-openvz #1)
Mar 13 05:00:19 s1 kernel: EIP is at 0x37
Mar 13 05:00:19 s1 kernel: eax: 00004000   ebx: 00000004   ecx: 00000286   edx: 00004000
Mar 13 05:00:19 s1 kernel: esi: e7c51f90   edi: ffffffe0   ebp: 00000001   esp: e7c51e94
Mar 13 05:00:19 s1 kernel: ds: 007b   es: 007b   ss: 0068
Mar 13 05:00:19 s1 kernel: Process vms (pid: 19337, veid: 501, ti=e7c50000 task=f43ea7c0 task.ti=e7c50000)
Mar 13 05:00:19 s1 kernel: Stack: c014d0dc c0182a97 00000000 00000000 00000000 00000000 00000030 00000030
Mar 13 05:00:19 s1 kernel: c0183627 e7c52010 df9ef380 c4700e00 00000030 00000000 00000001 00000000
Mar 13 05:00:19 s1 kernel: 00001000 00000000 00001000 00000000 00001000 00000000 00001000 00000000
Mar 13 05:00:19 s1 kernel: Call Trace:
Mar 13 05:00:19 s1 kernel: [<c014d0dc>] put_compound_page+0x25/0x26
Mar 13 05:00:19 s1 kernel: [<c0182a97>] splice_to_pipe+0x1df/0x1ed
Mar 13 05:00:19 s1 kernel: [<c0183627>] sys_vmsplice+0x236/0x25f
Mar 13 05:00:19 s1 kernel: Code: Bad EIP value.