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Subject: Re: Node Crashes on 64 bit owing to a single file.

Posted by [dev](#) on Mon, 22 Jan 2007 09:55:24 GMT

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Ligesh,

1. can I get an access to the node?

2. does CPANEL require license? Will try to experiment locally meanwhile.

Thanks,

Kirill

> This is a widespread problem and seem to be very specific to cpanel on 64bit. It is very much reproducible. Just install cpanel in either node or inside a vps, and everything will start segfaulting.

>

> here's the ltrace for vzctl start.

>

> -----

> start(3, 0x3106b114a6, 0x3106b0b090, 0x7472617473006c, 0xfefefefefefeff <unfinished ...>

> \_\_libc\_start\_main(0x402c90, 3, 0x7bffffa48, 0x405720, 0x405780 <unfinished ...>

> init\_vps\_param(3, 0x7bffffa48, 0x7bffffa68, 32, 0x7bffff9a0) = 0x508010

> init\_vps\_param(0x508010, 0, 0x508308, 0x508010, 0) = 0x5084e0

> init\_vps\_param(0x5084e0, 0, 0x5087d8, 0x5084e0, 0) = 0x5089b0

> sigemptyset(0x7bffff7a8) = 0

> sigaction(13, 0x7bffff7a0, NULL) = 0

> init\_log(0, 0, 1, 0, 0) = 0

> opendir("/usr/lib/vzctl/modules/") = NULL

> \_\_errno\_location() = 0x2a95565ea0

> logger(2, 2, 0x406910, -64, 0x7bffffc2a) = 0

> parse\_int(0x7bffffc30, 0x7bffff79c, 0x406910, 0x310720ac51, 0x7bffffc2a) = 0

> vps\_parse\_config(3390, 0x405894, 0x508010, 0x5078e0, 0x7bffff748) = 0

> init\_log(0x509100, 3390, 1, 0, 0) = 0

> getopt\_long(1, 0x7bffffa58, "", 0x7bffff570, NULL) = -1

> get\_vps\_conf\_path(3390, 0x7bffff840, 256, 0, 1) = 24

> stat\_file(0x7bffff840, 0x310721a48d, 24, 0x7bffff858, 4) = 1

> vps\_parse\_config(3390, 0x7bffff840, 0x5084e0, 0x5078e0, 4) = 0

> merge\_vps\_param(0x508010, 0x5084e0, 0, 0x5099a0, 128608) = 0

> merge\_global\_param(0x5089b0, 0x508010, 0x5086b8, 0x5081e8, 0x3106f306f8) = 0

> vz\_open(3390, 5, 0x508010, 0x5084e0, 0x5089b0) = 0x509c30

> vps\_lock(3390, 0x5090c0, 0x405821, -1, 32Removing stale lock file /vz/lock/3390.lck

> <unfinished ...>

> --- SIGSEGV (Segmentation fault) ---

>

>

> -----

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>

```

> ls -al /vz/private
>
> -----
> drwxr-xr-x 21 root root 4096 Jan 21 06:21 3350
> drwxr-xr-x 25 root root 4096 Jan 21 06:22 3360
> drwxr-xr-x 20 root root 4096 Jan 21 06:22 3370
> drwxr-xr-x 22 root root 4096 2666130989162650458 3380
> -----
>
>
> Here's 'ltrace reboot'. The node is crashing in ctime, primarily because time(), is returning too
big a number.
>
> -----
>
> signal(22, 0x1) = NULL
> sigaction(2, 0x7fbfff660, NULL) = 0
> chdir("/") = 0
> strchr("0", ':') = NULL
> __strtol_internal("0", NULL, 10) = 0
> strncat(0x7fbfff480, 0x504a20, 319, 0, 0x1999999999999999) = 0x7fbfff480
> snprintf("", 4209868, "\377\377\377\377\377\377\377\377"...) = 43
> getuid() = 0
> getpwuid(0, 1, 0, -1, 0xfefefefefefeff) = 0x3106f31600
> strncat(0x5048c0, 0x505010, 31, 0, 0) = 0x5048c0
> ttyname(0) = "/dev/pts/1"
> sprintf("", " ") = 8
> time(0x7fbfff278) = 2666130989162650727
> ctime(0x7fbfff278) = NULL
>
> -----
>
>

```