Subject: ioperm(0x80, 0x1, 0x1) EPERM (Operation not permitted)
Posted by peletiah on Wed, 25 Jun 2008 13:39:30 GMT
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I want to get a temperature monitor running in an openvz-instance but i'm struggling with the devices - i've connected /dev/ttyS0 through with the following command
myhost:/# vzctl set $veid --devnodes port:rw --save

but when i run the control utility i get a segmentation fault, strace shows the following:
myinstance:/srv/klimalogger/bin# strace ./dump_tfa /dev/ttyS0 123
execve("./dump_tfa", ["./dump_tfa", "/dev/ttyS0", "123"], [/* 13 vars */]) = 0
[ Process PID=9593 runs in 32 bit mode. ]
uname({sys="Linux", node="myinstance", ...}) = 0
brk(0) = 0x804b000
access("/etc/ld.so.nohwcap", F_OK) = -1 ENOENT (No such file or directory)
mmap2(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0xfffffffb7f3e000
access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)
open("/etc/ld.so.cache", O_RDONLY) = 3
fstat64(0x3, 0xbfdd12d8) = 0
mmap2(NULL, 22450, PROT_READ, MAP_PRIVATE, 3, 0) = 0xfffffffb7f38000
close(3) = 0
access("/etc/ld.so.nohwcap", F_OK) = -1 ENOENT (No such file or directory)
open("/lib32/libc.so.6", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0zO\1\000"..., 512) = 512
fstat64(0x3, 0xbfdd1354) = 0
mmap2(NULL, 1222812, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0xfffffffb7e0d000
mmap2(0xb7f2e000, 28672, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x120) = 0xfffffffb7f2e000
mmap2(0xb7f35000, 10396, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0xfffffffb7f35000
close(3) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0xfffffffb7e0c000
mprotect(0xb7f2e000, 20480, PROT_READ) = 0
set_thread_area(0xbfdd1948) = 0
munmap(0xb7f38000, 22450) = 0
geteuid32() = 0
ioperm(0x80, 0x1, 0x1) = -1 EPERM (Operation not permitted)
--- SIGSEGV (Segmentation fault) @ 0 (0) ---
+++ killed by SIGSEGV +++
Process 9593 detached

Version info:
vzctl version 3.0.22
kernel 2.6.18-028stab053-dl3xx-openvz(non-stock)

Subject: Re: ioperm(0x80, 0x1, 0x1) EPERM (Operation not permitted)
Posted by maratrus on Tue, 01 Jul 2008 11:41:56 GMT
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Hi,

try to delegate sys_rawio capability to your VE via vzctl.

vzctl set VEID --capability sys_rawio:on