
Posted by [sitnikov](#) on Tue, 05 Feb 2008 11:58:30 GMT

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Build nginx-ssl-0.6.25-1-x86_64

/bin/sh: line 17: /var/lib/mock/centos-5-x86_64/result/build.log: No such file or directory
mock: error: clone failed: Operation not permitted

strace:

18375 clone(child_stack=0, flags=CLONE_VFORK|CLONE_NEWNS|SIGCHLD) = -1 EPERM
(Operation not permitted)

Posted by [kir](#) on Tue, 05 Feb 2008 12:01:12 GMT

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Posted by [sitnikov](#) on Tue, 05 Feb 2008 12:05:32 GMT

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```
22465 execve("/usr/bin/mock", ["mock"], [/* 28 vars */]) = 0
22465 brk(0) = 0x115ea000
22465 mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS,
-1, 0) = 0x2aaaaaac5000
22465 uname({sys="Linux", node="foo", ...}) = 0
22465 access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)
22465 open("/etc/ld.so.cache", O_RDONLY) = 3
22465 fstat(3, {st_mode=S_IFREG|0644, st_size=13260, ...}) = 0
22465 mmap(NULL, 13260, PROT_READ, MAP_PRIVATE, 3, 0) = 0x2aaaaaac6000
22465 close(3) = 0
22465 open("/lib64/libc.so.6", O_RDONLY) = 3
22465 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\240\331\1\0\0\0\0 " ..., 832) = 832
22465 fstat(3, {st_mode=S_IFREG|0755, st_size=1681880, ...}) = 0
22465 mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS,
-1, 0) = 0x2aaaaaaca000
22465 mmap(NULL, 3469464, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE,
3, 0) = 0x2aaaaacc6000
22465 mprotect(0x2aaaaae0c000, 2097152, PROT_NONE) = 0
22465 mmap(0x2aaaab00c000, 20480, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x146000) = 0x2aaaab00c000
```

```
22465 mmap(0x2aaaab011000, 16536, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x2aaaab011000
22465 close(3) = 0
22465 mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS,
-1, 0) = 0x2aaaab016000
22465 arch_prctl(ARCH_SET_FS, 0x2aaaab0166e0) = 0
22465 mprotect(0x2aaaab00c000, 16384, PROT_READ) = 0
22465 mprotect(0x2aaaacc4000, 4096, PROT_READ) = 0
22465 munmap(0x2aaaaaac6000, 13260) = 0
22465 clone(child_stack=0, flags=CLONE_VFORK|CLONE_NEWNS|SIGCHLD) = -1 EPERM
(Operation not permitted)
22465 write(2, "mock: error: ", 13) = 13
22465 write(2, "clone failed: Operation not perm"..., 38) = 38
22465 write(2, "\n", 1) = 1
22465 exit_group(1)
```

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Posted by [xemul](#) on Tue, 05 Feb 2008 12:15:14 GMT

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kernel version, please.
without it it's unable to track any kernel-related problem.

Thanks

Upd: In general, you cannot clone with NEWNS w/o CAP_SYS_ADMIN capability. In VE we do not provide such.

Posted by [sitnikov](#) on Tue, 05 Feb 2008 12:20:23 GMT

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2.6.18-53.1.4.el5.028stab053.4

Posted by [xemul](#) on Tue, 05 Feb 2008 12:47:15 GMT

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OK. Please, strace the 0.6.13-1.el5.centos - does it call clone with CLONE_NEWNS? (I believe it does not, but just to be 100% sure)

Posted by [sitnikov](#) on Tue, 05 Feb 2008 13:05:59 GMT

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strace mock 2>&1 |grep clone

empty ...

Posted by [xemul](#) on Tue, 05 Feb 2008 14:18:24 GMT

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OK. Then the origins of the problem are clean.
Can't say whether we can just allow VE users to clone with NEWNS.

I think we can have this as a BUG in bugzilla not to forget.

Upd: http://bugzilla.openvz.org/show_bug.cgi?id=806
