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Subject: Re: PPC64 fairsched\_chwt: No such file or directory

Posted by [kir](#) on Fri, 25 May 2007 11:43:05 GMT

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I guess you have to use strace64 or smth like this.

Christian Kaiser2 wrote:

> Kir Kolyshkin <[kir@openvz.org](mailto:kir@openvz.org)> wrote on 05/24/2007 05:10:54 PM:

>

>

>> Can you check the value of \_\_NR\_fairsched\_chwt in vzctl? It is defined

>> in include/vzsyscalls.h depending on your architecture. For ppc it

>> should be 402 (same as in kernel's include/asm-powerpc/unistd.h). In

>> case these numbers are different things will go wrong.

>>

>

> I checked on that. The same value 402 defined in both header-files.

>

>

>> You can easily check it the number using strace, like this:

>> # strace vzctl set 0 --cpuunits 1000 2>&1 | grep syscall

>>

>

> [root@s10b10-0 ~]# strace vzctl set 0 --cpuunits 1000 2>&1 | grep syscall

>

> no output and without the grep pipe:

>

> [root@s10b10-0 ~]# strace vzctl set 0 --cpuunits 1000

> execve("/usr/local/sbin/vzctl", ["vzctl", "set", "0", "--cpuunits",

> "1000"], [/ \* 22 vars \*/]) = 0

> brk(0) = 0x1001a000

> mmap(NULL, 4096, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0)

=

> 0

> access(umovestr: Input/output error

> 0x58596cc0, R\_OK) = -1 ENOENT (No such file or directory)

> open(umovestr: Input/output error

> 0xffd6c380, O\_RDONLY) = -1 ENOENT (No such file or directory)

> stat(umovestr: Input/output error

> 0xffd6c380, 0xffd6c3d0) = -1 ENOENT (No such file or directory)

> open(umovestr: Input/output error

> 0xffd6c380, O\_RDONLY) = -1 ENOENT (No such file or directory)

> stat(umovestr: Input/output error

> 0xffd6c380, 0xffd6c3d0) = -1 ENOENT (No such file or directory)

> open(umovestr: Input/output error

> 0xffd6c380, O\_RDONLY) = -1 ENOENT (No such file or directory)

> stat(umovestr: Input/output error

> 0xffd6c380, 0xffd6c3d0) = -1 ENOENT (No such file or directory)

```

> open(umovestr: Input/output error
> 0xffd6c380, O_RDONLY)          = -1 ENOENT (No such file or directory)
> stat(umovestr: Input/output error
> 0xffd6c380, 0xffd6c3d0)        = -1 ENOENT (No such file or directory)
> open(umovestr: Input/output error
> 0xffd6c380, O_RDONLY)          = -1 ENOENT (No such file or directory)
> stat(umovestr: Input/output error
> 0xffd6c380, 0xffd6c3d0)        = -1 ENOENT (No such file or directory)
> open(umovestr: Input/output error
> 0xffd6c380, O_RDONLY)          = -1 ENOENT (No such file or directory)
> stat(umovestr: Input/output error
> 0xffd6c380, 0xffd6c3d0)        = -1 ENOENT (No such file or directory)
> open(umovestr: Input/output error
> 0xffd6c380, O_RDONLY)          = -1 ENOENT (No such file or directory)
> stat(umovestr: Input/output error
> 0xffd6c380, 0xffd6c3d0)        = -1 ENOENT (No such file or directory)
> open(umovestr: Input/output error
> 0xffd6c380, O_RDONLY)          = 3
> read(3, ptrace: umoven: Input/output error
> 0xffd6c5a8, 832)               = 832
> fstat(3, ptrace: umoven: Input/output error
> {...})                         = 0
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
=
> 0x1000
> mmap(NULL, 218136, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
> 0x2000
> mprotect(0x31000, 4096, PROT_NONE)    = 0
> mmap(0x32000, 16384, PROT_READ|PROT_WRITE,
> MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x30000) = 0x32000
> mmap(0x36000, 5144, PROT_READ|PROT_WRITE,
> MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x36000
> close(3)                             = 0
> open(umovestr: Input/output error
> 0xffd6c360, O_RDONLY)          = -1 ENOENT (No such file or directory)
> open(umovestr: Input/output error
> 0x58597378, O_RDONLY)          = 3
> fstat(3, ptrace: umoven: Input/output error
> {...})                         = 0
> mmap(NULL, 36337, PROT_READ, MAP_PRIVATE, 3, 0) = 0x38000
> close(3)                             = 0
> open(umovestr: Input/output error
> 0x3f9a5, O_RDONLY)             = 3
> read(3, ptrace: umoven: Input/output error
> 0xffd6c578, 832)               = 832
> fstat(3, ptrace: umoven: Input/output error
> {...})                         = 0
> mmap(0x58770000, 132584, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE,

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3,
> 0) = 0x58770000
> mprotect(0x58774000, 110592, PROT_NONE) = 0
> mmap(0x5878f000, 8192, PROT_READ|PROT_WRITE,
> MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xf000) = 0x5878f000
> close(3) = 0
> open(umovestr: Input/output error
> 0xffd6c330, O_RDONLY) = -1 ENOENT (No such file or directory)
> open(umovestr: Input/output error
> 0x3c652, O_RDONLY) = 3
> read(3, ptrace: umoven: Input/output error
> 0xffd6c548, 832) = 832
> fstat(3, ptrace: umoven: Input/output error
> {...}) = 0
> mmap(0x58900000, 132280, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE,
3,
> 0) = 0x58900000
> mprotect(0x58903000, 114688, PROT_NONE) = 0
> mmap(0x5891f000, 8192, PROT_READ|PROT_WRITE,
> MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xf000) = 0x5891f000
> close(3) = 0
> open(umovestr: Input/output error
> 0xffd6c300, O_RDONLY) = -1 ENOENT (No such file or directory)
> open(umovestr: Input/output error
> 0x401a1, O_RDONLY) = 3
> read(3, ptrace: umoven: Input/output error
> 0xffd6c518, 832) = 832
> fstat(3, ptrace: umoven: Input/output error
> {...}) = 0
> mmap(0x585c0000, 1717776, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_DENYWRITE,
> 3, 0) = 0x585c0000
> mprotect(0x5873f000, 53248, PROT_NONE) = 0
> mmap(0x5874c000, 81920, PROT_READ|PROT_WRITE,
> MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x18c000) = 0x5874c000
> mmap(0x58760000, 13840, PROT_READ|PROT_WRITE,
> MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x58760000
> close(3) = 0
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
=
> 0x41000
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
=
> 0x42000
> mprotect(0x5874c000, 16384, PROT_READ) = 0
> mprotect(0x5891f000, 4096, PROT_READ) = 0
> mprotect(0x5878f000, 4096, PROT_READ) = 0
> mprotect(0x585af000, 4096, PROT_READ) = 0

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> munmap(0x38000, 36337) = 0
> brk(0) = 0x1001a000
> brk(0x1003b000) = 0x1003b000
> rt_sigaction(SIGPIPE, ptrace: umoven: Input/output error
> {...}, NULL, 8) = 0
> open("/usr/local/lib/vzctl/modules/",
> O_RDONLY|O_NONBLOCK|O_LARGEFILE|O_DIRECTORY) = 3
> fstat(3, ptrace: umoven: Input/output error
> {...}) = 0
> fcntl(3, F_SETFD, FD_CLOEXEC) = 0
> getdents(3, /* d_reclen == 0, problem here */ /* 0 entries */, 4096) = 48
> stat(umovestr: Input/output error
> 0xffd6d120, ptrace: umoven: Input/output error
> {...}) = 0
> stat(umovestr: Input/output error
> 0xffd6d120, ptrace: umoven: Input/output error
> {...}) = 0
> getdents(3, /* 0 entries */, 4096) = 0
> close(3) = 0
> open("/usr/local/etc/vz/vz.conf", O_RDONLY) = 3
> stat("/usr/local/etc/vz/vz.conf", ptrace: umoven: Input/output error
> {...}) = 0
> fstat(3, ptrace: umoven: Input/output error
> {...}) = 0
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
=
> 0x38000
> read(3, ptrace: umoven: Input/output error
> 0x38000, 4096) = 709
> read(3, "", 4096) = 0
> close(3) = 0
> munmap(0x38000, 4096) = 0
> open("/var/log/vzctl.log", O_WRONLY|O_APPEND|O_CREAT, 0666) = 3
> fstat(3, ptrace: umoven: Input/output error
> {...}) = 0
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
=
> 0x38000
> fstat(3, ptrace: umoven: Input/output error
> {...}) = 0
> lseek(3, 8142, SEEK_SET) = 8142
> stat(umovestr: Input/output error
> 0xffd6d370, ptrace: umoven: Input/output error
> {...}) = 0
> open(umovestr: Input/output error
> 0xffd6d370, O_RDONLY) = 4
> stat(umovestr: Input/output error
> 0xffd6d370, ptrace: umoven: Input/output error

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> {...})          = 0
> fstat(4, ptrace: umoven: Input/output error
> {...})          = 0
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
=
> 0x39000
> read(4, ptrace: umoven: Input/output error
> 0x39000, 4096)    = 228
> read(4, "", 4096) = 0
> close(4)          = 0
> munmap(0x39000, 4096) = 0
> fcntl(0, F_GETFL)  = 0x2 (flags O_RDWR)
> fcntl(1, F_GETFL)  = 0x2 (flags O_RDWR)
> fcntl(2, F_GETFL)  = 0x2 (flags O_RDWR)
> open(umovestr: Input/output error
> 0x2e380, O_RDWR)    = 4
> ioctl(4, 0x800c2e05, 0xffd6cbf0) = 0
> stat("/vz/lock", ptrace: umoven: Input/output error
> {...})            = 0
> getpid()           = 29239
> open(umovestr: Input/output error
> 0xffd6c868, O_RDWR|O_CREAT|O_EXCL, 0600) = 5
> write(5, ptrace: umoven: Input/output error
> 0xffd6c468, 7)      = 7
> close(5)           = 0
> link(umovestr: Input/output error
> 0xffd6c868, umovestr: Input/output error
> 0xffd6c668)         = 0
> unlink(umovestr: Input/output error
> 0xffd6c868)         = 0
> rt_sigaction(SIGINT, ptrace: umoven: Input/output error
> {...}, NULL, 8)     = 0
> fstat(1, ptrace: umoven: Input/output error
> {...})              = 0
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
=
> 0x39000
> write(1, ptrace: umoven: Input/output error
> 0x39000, 24Setting CPU units: 1000
> )                  = 24
> time(NULL)         = 1182235377
> open(umovestr: Input/output error
> 0x5872fa78, O_RDONLY) = 5
> fstat(5, ptrace: umoven: Input/output error
> {...})              = 0
> fstat(5, ptrace: umoven: Input/output error
> {...})              = 0
> mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)

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=
> 0x3a000
> read(5, ptrace: umoven: Input/output error
> 0x3a000, 4096)          = 837
> close(5)                = 0
> munmap(0x3a000, 4096)   = 0
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})                  = 0
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})                  = 0
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})                  = 0
> write(3, ptrace: umoven: Input/output error
> 0x38000, 57)             = 57
> bind(2147483647, ptrace: umoven: Input/output error
> {...}, 0)               = -1 ENOENT (No such file or directory)
> write(2, ptrace: umoven: Input/output error
> 0xffd6a428, 14fairsched_chwt) = 14
> write(2, ptrace: umoven: Input/output error
> 0xffd6a3a8, 27: No such file or directory) = 27
> write(2, ptrace: umoven: Input/output error
> 0x58750803, 1
> )                       = 1
> time(NULL)              = 1182235377
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})                  = 0
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})                  = 0
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})                  = 0
> write(3, ptrace: umoven: Input/output error
> 0x38000, 75)             = 75
> write(1, ptrace: umoven: Input/output error
> 0x39000, 105WARNING: Settings were not saved and will be resetted to
> original values on next start (use --save flag)
> )                       = 105
> time(NULL)              = 1182235377
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})                  = 0
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error

```

```

> {...})          = 0
> stat(umovestr: Input/output error
> 0x5872fa78, ptrace: umoven: Input/output error
> {...})          = 0
> write(3, ptrace: umoven: Input/output error
> 0x38000, 138)      = 138
> unlink(umovestr: Input/output error
> 0xffd6ca90)        = 0
> close(4)          = 0
> close(3)          = 0
> munmap(0x38000, 4096)      = 0
> exit_group(2)      = ?
> Process 29239 detached
> [root@s10b10-0 ~]#
>
>
>> Christian Kaiser2 wrote:
>>
>>> Hi all,
>>>
>>> as I mentioned already yesterday I get this error when I try to start
>>>
> the
>
>>> OpenVZ service:
>>>
>>> [root@s10b10-0 ~]# /etc/init.d/vz start
>>> Starting OpenVZ:                [ OK ]
>>> Bringing up interface venet0:    [ OK ]
>>> Configuring interface venet0:    [ OK ]
>>> vzctl set 0 --cpuunits 1000 failed: Setting CPU units: 1000
>>> fairsched_chwt: No such file or directory
>>> WARNING: Settings were not saved and will be resetted to
>>>
> or[FAILED]alues on
>
>>> next start (use --save flag)
>>>
>>> I tried the latest kernels 2.6.18 and 2.6.20 with CONFIG_SCHED_VCPU=y
>>>
> and
>
>>> CONFIG_FAIRSCHEM=y
>>> For both kernels the vzctl command ends up with the same error.
>>>
>>> Can someone explain me why it is searching for a file or directory? Is
>>> fairsched_chwt a device?
>>>

```

>  
> Mit freundlichen Grüßen / Best Regards  
> Christian Kaiser  
> --  
> IBM Deutschland Entwicklung GmbH  
> Open Systems Firmware Development  
> mail: ckaiser2@de.ibm.com  
>  
> IBM Deutschland Entwicklung GmbH  
> Vorsitzender des Aufsichtsrats: Martin Jetter  
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>  
>

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