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Subject: \*SOLVED\* compat\_nanosleep\_restart undeclared

Posted by [wilf](#) on Tue, 30 Jan 2007 06:57:18 GMT

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Hi All,

I have 'got around this' by using a kernel I patched a few days ago, but...

I am moving things around between machines, and needed to turn another machine into an OpenVZ server. This is on site at one of my customers. The boxes are dual opteron X2 machines, with LSI MegaRAID controllers. I use 64bit 2006.1 Gentoo.

I wasn't particularly bothered about this as I am now fairly used to being able to pull a working system together. I have just done exactly the same thing for one of my own servers - and it works a treat (although the hardware isn't quite as nice ).

Hence I followed my usual approach:-

fetch the vanilla 2.6.18 kernel

fetch the kernel patches

fetch the kernel .config

Apply the patches

Configure the kernel

All AOK so far, until...

make the kernel

When I received

ff\_dev linux-2.6.18.openvz # cat make.log

  CHK  include/linux/version.h

  CHK  include/linux/utsrelease.h

  CHK  include/linux/compile.h

  CC [M] kernel/cpt/cpt\_process.o

kernel/cpt/cpt\_process.c: In function 'dump\_one\_process':

kernel/cpt/cpt\_process.c:658: error: 'compat\_nanosleep\_restart' undeclared (first use in this function)

kernel/cpt/cpt\_process.c:658: error: (Each undeclared identifier is reported only once

kernel/cpt/cpt\_process.c:658: error: for each function it appears in.)

make[2]: \*\*\* [kernel/cpt/cpt\_process.o] Error 1

make[1]: \*\*\* [kernel/cpt] Error 2

make: \*\*\* [kernel] Error 2

I got around this by zipping up my own patched installation and installing it.

If this is a real problem and I can help, I am happy to answer questions/do stuff.

Best Regards, Paul.

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Subject: Re: compat\_nanosleep\_restart undeclared

Posted by [dim](#) on Tue, 30 Jan 2007 09:09:08 GMT

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Paul, please, try attached patch.

#### File Attachments

1) [diff-cpt-compat-fix-20070130](#), downloaded 354 times

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Subject: Re: compat\_nanosleep\_restart undeclared

Posted by [wilf](#) on Tue, 30 Jan 2007 09:48:14 GMT

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Hello Dmitry,

That was quick! read the patch, makes sense and gets a bit further...

```
ff_dev linux-2.6.18.openvz # patch -p1 < diff-cpt-compat-fix-20070130
patching file kernel/cpt/cpt_process.c
ff_dev linux-2.6.18.openvz # make
CHK  include/linux/version.h
CHK  include/linux/utsrelease.h
CHK  include/linux/compile.h
GEN   usr/initramfs_data.cpio.gz
AS    usr/initramfs_data.o
LD    usr/built-in.o
CC [M] kernel/cpt/cpt_process.o
CC [M] kernel/cpt/cpt_mm.o
CC [M] kernel/cpt/cpt_files.o
CC [M] kernel/cpt/cpt_kernel.o
CC [M] kernel/cpt/cpt_socket.o
CC [M] kernel/cpt/cpt_socket_in.o
CC [M] kernel/cpt/cpt_tty.o
CC [M] kernel/cpt/cpt_sysvipc.o
CC [M] kernel/cpt/cpt_net.o
CC [M] kernel/cpt/cpt_conntrack.o
CC [M] kernel/cpt/cpt_epoll.o
CC [M] kernel/cpt/cpt_ubb.o
AS [M] kernel/cpt/cpt_x8664.o
CC [M] kernel/cpt/rst_proc.o
CC [M] kernel/cpt/rst_undump.o
kernel/cpt/rst_undump.c: In function 'hook':
kernel/cpt/rst_undump.c:337: error: 'compat_nanosleep_restart' undeclared (first use in this
function)
kernel/cpt/rst_undump.c:337: error: (Each undeclared identifier is reported only once
kernel/cpt/rst_undump.c:337: error: for each function it appears in.)
make[2]: *** [kernel/cpt/rst_undump.o] Error 1
```

```
make[1]: *** [kernel/cpt] Error 2  
make: *** [kernel] Error 2
```

Best Regards, Paul.

Subject: Re: compat\_nanosleep\_restart undeclared  
Date: Fri, 11 Mar 2022, 16:25:00 -0500

Posted by [wilf](#) on Tue, 30 Jan 2007 09:55:22 GMT

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Hi Dmitry,

I applied the same patch to undump.c and Hey Presto! It compiles.

In "kernel/cpt/rst\_undump.c", Line 336

```
/* #ifdef CONFIG_X86_64 // - old knackered code PWI 20070130 */
```

```
#if defined(CONFIG_X86_64) && defined(CONFIG_COMPAT)
```

if (!ti->cpt 64bit)

current->thread info->restart block.fn = compat\_nanosleep restart:

#endif

Best Regards, Paul.