
Subject: Re: PPC64 Kernel 2.6.18 + RPM packages

Posted by [kir](#) on Wed, 23 May 2007 12:51:07 GMT

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Christian Kaiser2 wrote:

> It seems to be that there is a mixture of 32 and 64 bit binaries and libs.
>

vzctl should be compiled with -m64 flag to gcc. There is a code in
configure.ac for that:

```
if test x$build_cpu = xppc64; then
    CFLAGS="${CFLAGS} -m64"
fi
```

So it looks like in your case \$build_cpu is set to something different
than 'ppc64' -- can you tell us its value so we can fix this
configure.ac code accordingly?

As a workaround, you may do
CFLAGS="-m64" ./configure
make clean
make

> See that output of /usr/sbin:
>

```
> [root@s10b10-0 sbin]# file vz*
> vzcalc:      ELF 32-bit MSB executable, PowerPC or cisco 4500, version 1
> (SYSV), for GNU/Linux 2.6.4, dynamically linked (uses shared libs), for
> GNU/Linux 2.6.4, not stripped
> vzcfgvalidate: ELF 32-bit MSB executable, PowerPC or cisco 4500, version 1
> (SYSV), for GNU/Linux 2.6.4, dynamically linked (uses shared libs), for
> GNU/Linux 2.6.4, not stripped
> vzcpucheck:  Bourne-Again shell script text executable
> vzctl:      ELF 32-bit MSB executable, PowerPC or cisco 4500, version 1
> (SYSV), for GNU/Linux 2.6.4, dynamically linked (uses shared libs), for
> GNU/Linux 2.6.4, not stripped
>
```
