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Subject: ==Bug== ==Solved==

Posted by [KosmiK](#) on Thu, 08 Feb 2007 14:15:33 GMT

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Linux localhost 2.6.18-028test015-master-vz #1 PREEMPT Thu Feb 8 15:21:13 UTC 2007 i686  
Intel(R) Celeron(R) CPU 2.53GHz GenuineIntel GNU/Linux

/TEMP\_WORK/vzctl-3.0.14/

./configure --prefix=/usr --enable-static=no --enable-shared=yes --enable-bashcomp  
--enable-logrotate "CFLAGS=-O2 -march=pentium4 -pipe"

make

Making all in src

make[1]: Entering directory `/TEMP\_WORK/vzctl-3.0.14/src'

Making all in lib

make[2]: Entering directory `/TEMP\_WORK/vzctl-3.0.14/src/lib'

make[2]: Leaving directory `/TEMP\_WORK/vzctl-3.0.14/src/lib'

make[2]: Entering directory `/TEMP\_WORK/vzctl-3.0.14/src'

if gcc -DPACKAGE\_NAME=\"vzctl\" -DPACKAGE\_TARNAME=\"vzctl\"

-DPACKAGE\_VERSION=\"3.0.14\" -DPACKAGE\_STRING=\"vzctl 3.0.14\"

-DPACKAGE\_BUGREPORT=\"devel@openvz.org\" -DPACKAGE=\"vzctl\"

-DVERSION=\"3.0.14\" -DSTDC\_HEADERS=1 -DHAVE\_SYS\_TYPES\_H=1

-DHAVE\_SYS\_STAT\_H=1 -DHAVE\_STDLIB\_H=1 -DHAVE\_STRING\_H=1

-DHAVE\_MEMORY\_H=1 -DHAVE\_STRINGS\_H=1 -DHAVE\_INTTYPES\_H=1

-DHAVE\_STDINT\_H=1 -DHAVE\_UNISTD\_H=1 -DHAVE\_DLFCN\_H=1 -I. -I. -I./include

-DSBINDIR=\"/usr/sbin\" -DPKGCONFDIR=\"/usr/etc/vz\" -DPKGLIBDIR=\"/usr/lib/vzctl\" -O2

-march=pentium4 -pipe -Wall -Wpointer-arith -Wcast-qual -Winline -Wcast-align

-Wno-unused-parameter -MT ndsend.o -MD -MP -MF ".deps/ndsend.Tpo" -c -o ndsend.o

ndsend.c; \

then mv -f ".deps/ndsend.Tpo" ".deps/ndsend.Po"; else rm -f ".deps/ndsend.Tpo"; exit 1; fi

ndsend.c:40: error: expected '=', ',', ';', 'asm' or '\_\_attribute\_\_'

before 'real\_hwaddr'

ndsend.c:43: error: expected specifier-qualifier-list before '\_\_u8'

ndsend.c: In function 'init\_device\_addresses':

ndsend.c:76: error: 'real\_hwaddr' undeclared (first use in this function)

ndsend.c:76: error: (Each undeclared identifier is reported only once

ndsend.c:76: error: for each function it appears in.)

ndsend.c: In function 'create\_nd\_packet':

ndsend.c:86: error: 'struct nd\_packet' has no member named 'icmp6\_type'

ndsend.c:87: error: 'struct nd\_packet' has no member named 'icmp6\_code'

ndsend.c:88: error: 'struct nd\_packet' has no member named 'icmp6\_cksum'

ndsend.c:89: error: 'struct nd\_packet' has no member named 'reserved'

ndsend.c:90: error: 'struct nd\_packet' has no member named 'override'

ndsend.c:91: error: 'struct nd\_packet' has no member named 'solicited'

```
ndsend.c:92: error: 'struct nd_packet' has no member named 'router'
ndsend.c:93: error: 'struct nd_packet' has no member named 'reserved'
ndsend.c:94: error: 'struct nd_packet' has no member named 'target'
ndsend.c:95: error: 'struct nd_packet' has no member named 'otype'
ndsend.c:96: error: 'struct nd_packet' has no member named 'ospace'
ndsend.c:97: error: 'struct nd_packet' has no member named 'obits'
ndsend.c:97: error: 'real_hwaddr' undeclared (first use in this function)
ndsend.c: In function 'sender':
ndsend.c:106: error: '__u32' undeclared (first use in this function)
ndsend.c:106: error: expected expression before ')' token
ndsend.c:107: error: expected expression before ')' token
ndsend.c:108: error: expected expression before ')' token
ndsend.c:109: error: expected expression before ')' token
```

make[2]: Leaving directory `/TEMP\_WORK/vzctl-3.0.14/src'

make[1]: Leaving directory `/TEMP\_WORK/vzctl-3.0.14/src'

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Subject: Re: -=Bug=-  
Posted by [Alexandr Andreev](#) on Thu, 08 Feb 2007 15:10:20 GMT  
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Get latest vzctl git version:

git-clone <http://git.openvz.org/pub/vzctl> vzctl

...or add this header at the top of src/ndsend.c

```
#include <netdb.h>
#include <sys/socket.h>
#include <netinet/in.h>
+#include <linux/types.h>
#include <linux/if.h>
#include <netinet/icmp6.h>
```

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Subject: Re: -=Bug=-  
Posted by [kir](#) on Thu, 08 Feb 2007 15:15:01 GMT  
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The following patch should help. BTW which distro do you use? I thought it is a Gentoo-specific problem...

From: Kir Kolyshkin <kir@openvz.org>  
Date: Wed, 17 Jan 2007 13:53:22 +0000 (+0300)  
Subject: Fix ndsend compile with Gentoo linux-headers-2.6.19.2-r2  
X-Git-Url: <http://git.openvz.org/?p=vzctl;a=commitdiff;h=248b85a47a0e5ad4c93140eaabc23c936821dd26>

Fix ndsend compile with Gentoo linux-headers-2.6.19.2-r2

The problem is abovementioned linux-headers change linux/if.h file in a way that it does no more include linux/types.h, thus unknown types like \_\_u8 etc.

We add this include explicitly and fix the problem.

---

```
--- a/src/ndsend.c
+++ b/src/ndsend.c
@@ -17,6 +17,7 @@
#include <netdb.h>
#include <sys/socket.h>
#include <netinet/in.h>
+#include <linux/types.h>
#include <linux/if.h>
#include <netinet/icmp6.h>
```

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