
Subject: [PATCH] compat offsets size change

Posted by [Mishin Dmitry](#) on Mon, 18 Dec 2006 16:35:09 GMT

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Used by compat code offsets of entries should be 'unsigned int' as entries array size has this dimension.

Signed-off-by: Dmitry Mishin <dim@openvz.org>

ip_tables.c | 10 ++++++-----

1 file changed, 5 insertions(+), 5 deletions(-)

diff --git a/net/ipv4/netfilter/ip_tables.c b/net/ipv4/netfilter/ip_tables.c

index 09696f1..fc1f153 100644

--- a/net/ipv4/netfilter/ip_tables.c

+++ b/net/ipv4/netfilter/ip_tables.c

@@ -919,13 +919,13 @@ copy_entries_to_user(unsigned int total_

#ifdef CONFIG_COMPAT

struct compat_delta {
 struct compat_delta *next;

- u_int16_t offset;

+ unsigned int offset;

 short delta;

};

static struct compat_delta *compat_offsets = NULL;

-static int compat_add_offset(u_int16_t offset, short delta)

+static int compat_add_offset(unsigned int offset, short delta)

{
 struct compat_delta *tmp;

@@ -957,7 +957,7 @@ static void compat_flush_offsets(void)

}

}

-static short compat_calc_jump(u_int16_t offset)

+static short compat_calc_jump(unsigned int offset)

{
 struct compat_delta *tmp;
 short delta;

@@ -997,7 +997,7 @@ static int compat_calc_entry(struct ipt_
 void *base, struct xt_table_info *newinfo)

{
 struct ipt_entry_target *t;

- u_int16_t entry_offset;

+ unsigned int entry_offset;

 int off, i, ret;

```
off = 0;
@@ -1467,7 +1467,7 @@ check_compat_entry_size_and_hooks(struct
{
    struct ipt_entry_target *t;
    struct ipt_target *target;
- u_int16_t entry_offset;
+ unsigned int entry_offset;
    int ret, off, h, j;

    duprintf("check_compat_entry_size_and_hooks %p\n", e);
```

Subject: Re: [PATCH] compat offsets size change
Posted by [Patrick McHardy](#) on Wed, 20 Dec 2006 08:09:39 GMT
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Dmitry Mishin wrote:
> Used by compat code offsets of entries should be 'unsigned int' as entries
> array size has this dimension.

Applied, thanks.
