
Subject: [PATCH 2/3] [RAW]: Cleanup IPv4 raw_seq_show.

Posted by [den](#) on Thu, 31 Jan 2008 11:34:53 GMT

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There is no need to use 128 bytes on the stack at all. Clean the code in the IPv6 style.

Signed-off-by: Denis V. Lunev <den@openvz.org>

```
---
net/ipv4/raw.c | 24 ++++++-----
1 files changed, 7 insertions(+), 17 deletions(-)

diff --git a/net/ipv4/raw.c b/net/ipv4/raw.c
index 507cbfe..830f19e 100644
--- a/net/ipv4/raw.c
+++ b/net/ipv4/raw.c
@@ -927,7 +927,7 @@ void raw_seq_stop(struct seq_file *seq, void *v)
 }
EXPORT_SYMBOL_GPL(raw_seq_stop);

-static __inline__ char *get_raw_sock(struct sock *sp, char *tmpbuf, int i)
+static void raw_sock_seq_show(struct seq_file *seq, struct sock *sp, int i)
{
    struct inet_sock *inet = inet_sk(sp);
    __be32 dest = inet->daddr,
@@ -935,33 +935,23 @@ static __inline__ char *get_raw_sock(struct sock *sp, char *tmpbuf, int
i)
    __u16 destp = 0,
        srcp = inet->num;

- sprintf(tmpbuf, "%4d: %08X:%04X %08X:%04X"
+ seq_printf(seq, "%4d: %08X:%04X %08X:%04X"
    " %02X %08X:%08X %02X:%08IX %08X %5d %8d %lu %d %p %d",
    i, src, srcp, dest, destp, sp->sk_state,
    atomic_read(&sp->sk_wmem_alloc),
    atomic_read(&sp->sk_rmem_alloc),
    0, 0L, 0, sock_i_uid(sp), 0, sock_i_ino(sp),
    atomic_read(&sp->sk_refcnt), sp, atomic_read(&sp->sk_drops));
- return tmpbuf;
}

-#define TMPSZ 128
-
static int raw_seq_show(struct seq_file *seq, void *v)
{
- char tmpbuf[TMPSZ+1];
-
    if (v == SEQ_START_TOKEN)
```

```

- seq_printf(seq, "%-*s\n", TMPSZ-1,
-     " sl local_address rem_address  st tx_queue "
-     "rx_queue tr tm->when retrnsmt  uid  timeout "
-     "inode  drops");
- else {
-     struct raw_iter_state *state = raw_seq_private(seq);
-
-     seq_printf(seq, "%-*s\n", TMPSZ-1,
-         get_raw_sock(v, tmpbuf, state->bucket));
- }
+ seq_printf(seq, " sl local_address rem_address  st tx_queue "
+     "rx_queue tr tm->when retrnsmt  uid  timeout "
+     "inode  drops\n");
+ else
+     raw_sock_seq_show(seq, v, raw_seq_private(seq)->bucket);
+     return 0;
+ }

--
1.5.3.rc5

```
