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Subject: [PATCH net-2.6.26 5/5][NETNS]: Minor information leak via /proc/net/ptype file.

Posted by [Pavel Emelianov](#) on Mon, 24 Mar 2008 10:55:09 GMT

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This file displays the registered packet types, but some of them (packet sockets creates such) can be bound to a net device and showing them in a wrong namespace is not correct.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

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```
net/core/dev.c | 7 +++++-
1 files changed, 4 insertions(+), 3 deletions(-)
```

```
diff --git a/net/core/dev.c b/net/core/dev.c
```

```
index f973e38..aebd086 100644
```

```
--- a/net/core/dev.c
```

```
+++ b/net/core/dev.c
```

```
@@ -2615,7 +2615,7 @@ static int ptype_seq_show(struct seq_file *seq, void *v)
```

```
    if (v == SEQ_START_TOKEN)
        seq_puts(seq, "Type Device    Function\n");
- else {
+ else if (pt->dev == NULL || pt->dev->nd_net == seq_file_net(seq)) {
    if (pt->type == htons(ETH_P_ALL))
        seq_puts(seq, "ALL ");
    else
```

```
@@ -2639,7 +2639,8 @@ static const struct seq_operations ptype_seq_ops = {
```

```
    static int ptype_seq_open(struct inode *inode, struct file *file)
    {
- return seq_open(file, &ptype_seq_ops);
+ return seq_open_net(inode, file, &ptype_seq_ops,
+ sizeof(struct seq_net_private));
    }
```

```
    static const struct file_operations ptype_seq_fops = {
@@ -2647,7 +2648,7 @@ static const struct file_operations ptype_seq_fops = {
    .open    = ptype_seq_open,
    .read    = seq_read,
    .llseek  = seq_lseek,
- .release  = seq_release,
+ .release  = seq_release_net,
    };
```

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Subject: Re: [PATCH net-2.6.26 5/5][NETNS]: Minor information leak via /proc/net/route file.

Posted by [davem](#) on Mon, 24 Mar 2008 21:58:33 GMT

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From: Pavel Emelyanov <xemul@openvz.org>

Date: Mon, 24 Mar 2008 13:55:09 +0300

> This file displays the registered packet types, but some of them  
> (packet sockets creates such) can be bound to a net device and  
> showing them in a wrong namespace is not correct.

>

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Applied.

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