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Subject: Re: trouble with veth device in combination with long veid

Posted by [dev](#) on Thu, 07 Jun 2007 09:32:39 GMT

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> On Wednesday den 6. June 2007 17:14:57 Nils Domrose wrote:

>

>>Hi,

>>

>>we are facing a problem with veth device in combination with long veids.

>>if we configure a veth device as described in the wiki, we are unable

>>to start that VE with the following error:

>>

>

>

> In veth.c a buffer with length 11 is allocated.

> The buffer is used as follows:

> snprintf(buf, sizeof(buf), "VEID=%d", veid);

>

> As 6 characters are used for static content (VEID= + '\0'), only 5

> characters are left. Your VEID (249104) is 6 characters long.

>

> Apply the following patch, and you should be running.

> (An alternative is to limit your VEID in the range 100 to <= 99999)

>

>

> --- a/src/lib/veth.c

> +++ b/src/lib/veth.c

> @@ -90,7 +90,7 @@ static int veth\_dev\_remove(vps\_handler \*h, envid\_t veid, veth\_dev \*dev)

> static int run\_vznetcfg(envid\_t veid, veth\_dev \*dev)

> {

> int ret;

> - char buf[11];

> + char buf[12];

> char \*argv[] = {VZNETCFG, "init", "veth", NULL, NULL};

> char \*env[2];

>

> (Last line is empty)

In kernel if name is limited to 16 bytes, i.e. to 15 chars (plus zero).

4 chars for "veth", so 11 chars for number. VEID is int, so limited to 2^32, which is no more than 10 chars length. So everything should be fine except this silly bug in vzctl.

Why have you chosen 12 instead of 11?

AFAICS it should be sizeof("VEID=") + 10 + 1 (for \0) = 16

Thanks,

