

Re: [PATCH] 802.1p priority (fixed)

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2005-01/0213.html>

From: Brooks Davis (brooks_at_one-eyed-alien.net)

Date: 01/25/05

Date: Mon, 24 Jan 2005 22:29:14 -0800

To: Boris Kovalenko <boris@ntmk.ru>

On Tue, Jan 25, 2005 at 09:16:02AM +0500, Boris Kovalenko wrote:

> Hello!

>

> >by this specific implementation. I'm sure we can keep an interface that

> >handles priorities as separate interfaces, but I'm not sure we'll want

> >to do it via the vlan device (attractively simple though that is.)

> >

> >This patch appears to be against 4 or 5. In 6 we've largely rewritten

> >ifconfig so the patch won't apply. It looks like a simple matter to fix

> >this issue. We'll need to commit to 6 before 4 or 5.

> >

> >I've embedded some comments in the text below.

> >Ok, so what I should do now? Rewrite patch for 6?

Let's get the version for 5 looking good first since we should be able to MFC. We can do the ifconfig part for 6 once that's clean.

> >>+ if(tag < 1 || tag > 4094)

> >>+ errx(1, "VLAN ID should be in range 1..4094");

> >

> >

> >errx should be fully indented.

> >What this means? What difference between my errx and this one (from 6)?

> >errx(1, "must specify both vlan tag and device");

err is indented with a tab and four spaces. It should be indented with two tabs like this:

```
    if(tag < 1 || tag > 4094)
        errx(1, "VLAN ID should be in range 1..4094");
```

> >I know other nearby code does this, but atoi should not be used. It has

> >not useful error checking. strtoul should be used instead.

> >No problem.

> >> */

> >>struct vlanreq {

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```
> >>- char vlr_parent[IFNAMSIZ];
> >>- u_short vlr_tag;
> >>+ char vlr_parent[IFNAMSIZ];
> >>+ u_int16_t vlr_tag;
> >
> >
> >This appears to be a no-op. Is it needed?
> Hmm... just to clarify that vlr_tag is 16bit value. If this is
> unnecessary I may use u_short.
```

Assuming the code compiles cleanly, let's leave it a u_short in 5. We can change it to a u_int16_t in 6 since I agree that's more precise. Changes to types, even ones that obviously don't do anything tend to make re@ concerned about possible ABI breakage so I'd rather not worry them. I tend to do that enough with my other projects. :)

-- Brooks

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Any statement of the form "X is the one, true Y" is FALSE.
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