Subject: Re: [Bridge] Bridge & it's MAC address question
Posted by Stephen Hemminger on Fri, 15 Dec 2006 15:52:36 GMT
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On Fri, 15 Dec 2006 14:19:08 +0100
Lennert Buytenhek <buytenh@wantstofly.org> wrote:

> On Mon, Oct 30, 2006 at 07:28:37AM -0800, Stephen Hemminger wrote:
>
> > > Could somebody explain, why bridge uses minimal MAC of the attached devices?
> > > It makes this address instable, variable during bridge life-cycle, which is
> > > not good for DHCP. For example, I want to attach multiple virtual devices to
> > > one physical. Then, I need to make sure that after each virtual device
> > > addition, bridge addr is not changed and still addr of the physical device.
> > > Why not to use MAC of the first attached device?
> >
> > The bridge physical address is the minimum of all the attached devices.
> > This is done because the STP standard requires it. You can reset it
> > to be the same as any of the attached devices. This will not cause a
> > problem unless using STP.
>
> You can in fact use any MAC address. The STP standard recommends using
> the minimum address, as that is deterministic, and so it doesn't depend
> on the order in which you enslave subdevices.

So should restriction be lifted?
Please update wiki page FAQ, or I'll do it