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Subject: veth, bridges and VLAN

Posted by [tobiasstocker](#) on Thu, 12 Feb 2009 08:25:56 GMT

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Hy there,

I was wondering if a setup which I'm planning will work. I have some containers running on Debian Lenny, a network interface eth0 and one VLAN (there will be more later). I want the containers to use veth instead of venet.

My "plan" was to configure a VLAN device vlanN which uses eth0 as raw device. Also I have to use a bridge brX where vlanN and the veth devices will be added. I was hoping that all the containers added to the bridge automatically are "tagged" because I don't want to configure the VLAN in the container.

So I was wondering if it is possible at all to do that, and if, how? Is it possible to configure a VLAN device which only tags and does not have an IP / Netmask etc.?

I hope it is clear what I mean. English isn't my mother tongue, sorry if things are unclear.

Regards, Tobi

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Subject: Re: veth, bridges and VLAN

Posted by [maratrus](#) on Thu, 12 Feb 2009 12:53:19 GMT

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Hello,

if I understand you correctly you can achieve this.

The following thread [http://forum.openvz.org/index.php?t=msg&goto=33405&#msg\\_33405](http://forum.openvz.org/index.php?t=msg&goto=33405&#msg_33405) gave a birth to a good article which I hope would be useful in this case.

[http://en.gentoo-wiki.com/wiki/OpenVZ\\_VLANs](http://en.gentoo-wiki.com/wiki/OpenVZ_VLANs)

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Subject: Re: veth, bridges and VLAN

Posted by [tobiasstocker](#) on Fri, 13 Feb 2009 08:59:29 GMT

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Nope it is not exactly what I was looking for, but I think I now know that my plan will fail

My idea was to put a VLAN N on eth0, and the vlan in the bridge br0. Also, I wanted to add the VETH devices in this bridge, so that every packet which leaves the bridge through the vlan device is automatically tagged... but I suggest this isn't possible, is it?

Because I don't want the people to configure every VLAN available on the ethernet port, so I hoped I can put the device simply in a bridge (one per vlan) so their packages are always in the

same vlan.

Regards

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Subject: Re: veth, bridges and VLAN  
Posted by [maratrus](#) on Fri, 13 Feb 2009 09:11:58 GMT  
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Hi,

please look at the howto mentioned above. It describes configuration you want to setup.

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Subject: Re: veth, bridges and VLAN  
Posted by [tobiasstocker](#) on Fri, 13 Feb 2009 14:59:01 GMT  
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Hey maratrus,

Thanks a lot, it worked for me.

Regards

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