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Subject: TUN device in VE

Posted by [yoolee](#) on Thu, 14 Feb 2008 19:20:33 GMT

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Hi, all

I am doing a large-scale openvpn performance test, of course on an OpenVZ-based environment. What I want to do is create 1,000 VEs with one openvpn client in each of them. These openvpn clients will connect to a remote openvpn server.

At first I try to run vpn client on hardware node, and move the tun device to a VE by using `vzctl set 101 --netdev_add tun0` (I have modified openvpn a little bit). But that command failed as: "Bad parameter ...". Why I did so is to put tun device in VE and the corresponding openvpn process in HN, so it can access to the remote vpn server. And I don't want to use NAT because it will incur additional overhead.

I'am using the kernel 2.6.18-fza-028stab051.1-686-bigmem, on a Debian 4.0 host.

Thanks for your help in advance.

-Yue

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Subject: Re: TUN device in VE

Posted by [yoolee](#) on Thu, 14 Feb 2008 22:25:37 GMT

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I have looked into the vzctl code, there is a prohibition of moving tun,tap,lo and venet devices during parse. Can I just simply allow tun device on my host?

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Subject: Re: TUN device in VE

Posted by [xemul](#) on Fri, 15 Feb 2008 08:11:02 GMT

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You can create tun devices right inside the VE.

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