
Subject: support for bridging?

Posted by [snowdeal](#) on Thu, 16 Feb 2006 01:48:38 GMT

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i need support for bridging within the vps (ultimately so i can set up a bridged vpn with a tap interface using openvpn [1]. i've already tested a routed vpn with a tun interface and that's working perfectly.) i noticed that it doesn't appear that the the standard openvz kernel supports bridging [2], but that "dev" kindly offered to "build a test kernel for you if required." [2]

is this offer still available

if not i might need a little hand holding for modifying the kernel on my smp machine. i'm assuming i can just install the sources from the from src rpm [3] and use the smp config [4] to get things done.

eric

[1] <http://openvpn.net/>

[2] <http://forum.openvz.org/index.php?t=tree&th=131&mid=967&&rev=&reveal=>

[3] <http://download.openvz.org/kernel/022stab064.1/ovzkernel-2.6.8-022stab064.1.src.rpm>

[4] <http://download.openvz.org/kernel/022stab064.1/configs/kernel-2.6.8-022stab064-i686-smp.config.ovz>

Subject: Re: support for bridging?

Posted by [dev](#) on Thu, 16 Feb 2006 11:19:52 GMT

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snowdeal,

I will be able to help only at the beginning of the next week
but sure, my offer is still valid, though I foresee problems bridging
Just to make it sure once again, you want to bridge tun net device with some ethX, given for exclusive usage for VPS?

BTW, have you tried proxyarp?

Subject: Re: support for bridging?

Posted by [snowdeal](#) on Thu, 16 Feb 2006 16:24:39 GMT

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dev wrote on Thu, 16 February 2006 06:19

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exclusive usage for VPS?

BTW, have you tried proxyarp?

thanks for the offer to help. but maybe i should check to see if it's possible first!

within a vps, i'd like to setup a "dummy nic" that i use to create a tap (not tun) bridge.

on a non-vps system, i would issue the following commands to create the bridge:

```
ifconfig dummy0 hw ether de:ad:be:ef:00:00
openvpn --mktun --dev tap0
brctl addbr br0
brctl addif br0 tap0
brctl addif br0 dummy0
ifconfig tap0 0.0.0.0 promisc up
ifconfig dummy0 0.0.0.0 promisc up
ifconfig br0 10.8.1.1 netmask 255.255.255.0 broadcast 10.8.1.255
```

but my end goal is just to be able to have a vpn that supports network broadcasts and allows browsing of windows file shares across the vpn without setting up a samba. if i can do that with a routed tun network (which already appears to be working properly in the vps) and proxyarp then i'd be happy since a bridged network is more complicated to set up and tear down than a routed one in openvpn.

Subject: Re: support for bridging?

Posted by [snowdeal](#) on Fri, 24 Feb 2006 00:48:01 GMT

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dev wrote on Thu, 16 February 2006 06:19I will be able to help only at the beginning of the next week

but sure, my offer is still valid

thanks for the offer to build a custom rpm, but with the release of the 022stab070.1 kernel, i took the opportunity to just recompile the kernel from sources with bridging enabled.
