
Subject: Re: OpenVPN inside VPS
Posted by [dev](#) on Mon, 23 Jan 2006 14:01:48 GMT
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Sorry for such delay... I must say it's not a common request But I will try to help with it.

I'm still in doubt what you do, so as far as I understand from your messages you want something like this:

```
-----  
| [vps1] | host system |  
| | |  
| [vps2] | |  
| | eth0 |  
| [vps-openvpn] | 192.168.1.4 | -----  
| venet0 | | -- VPN channel over IP --  
| 192.168.1.8 | | -----  
-----
```

So, actually it looks for me like you are trying to setup VPS <-> world communication in the following way:

VPS - VPS venet0 - host - vps-openvpn venet0 - vps-openvpn/openvpn software - /dev/net/tun - tap0 - bridge - vps-openvpn venet0 - host - eth0 -

I'd like to draw arrows here, but it's text :0

more questions

1. vps-openvpn - is VPS where you want to run OpenVPN software.
2. who are VPN clients? other VPSs? you want to assign 192.168.1.50-100 to them?

I would note that by default we have CONFIG_BRIDGE=n in our kernel. So you probably would need to rebuilt the kernel if want to organize network bridge. I can build a test kernel for you if required.

Another idea: you can run OpenVPN in host system (bridged with eth0), then you can assign your VPN IPs to VPSs.

Some other hints which you could (though unlikely for you to do so) have missed:

1. load kernel module 'tun' (modprobe tun)
2. VPSs be default have no access to tun/tap devices. To allow them to do so, exec:

```
[root@ts ~]# vzctl set VPSID --devices c:10:200:rw --save
```

```
[root@ts ~]# vzctl enter VPSID
```

```
entered into VPS VPSID
```

```
bash-3.00# mkdir /dev/net
```

```
bash-3.00# mknod /dev/net/tun c 10 200
```