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Subject: ip address conflicts on physical network while using veth device

Posted by [alexu](#) on Sat, 08 Mar 2008 21:45:29 GMT

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I've installed veth networking on OpenVZ HW that runs Debian Etch by following appropriate Wiki pages.

To enable proxy arp on eth0 interface on HW, I've changed the default value in /etc/sysctl.conf to

```
net.ipv4.conf.default.proxy_arp = 1
```

HW and a few VEs appeared to work fine after that. Happy days... but...

later it turned out that OpenVZ HW's eth0 device had taken over IP addresses of two servers on the physical network that were using DHCP for configuration. Both of them (coincidence?) were AppleServers.

MAC addresses of AppleServers started with 00:17:f2

MAC addresses of vethXXX devices that were generated by OpenVZ scripts started with 00:18:51

Both HW and VE networking configuration is static. No packet filtering of any kind is present.

Any ideas as to how to approach this issue would be really appreciated!

P.S.: Oh, and happy international women's day to girlfriends, wives, daughters, moms and grandmoms of OpenVZ devs