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Subject: Re: Dual veth interfaces

Posted by [foxxfiles](#) on Tue, 18 Jul 2006 17:43:56 GMT

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Hi.

The logic is this you say. but i dont know where i am fail.

look.

```
host-node# ifconfig veth101.0 0
host-node# ifconfig veth101.1 0
host-node# echo 1 > /proc/sys/net/ipv4/conf/veth101.0/forwarding
host-node# echo 1 > /proc/sys/net/ipv4/conf/veth101.0/proxy_arp
host-node# echo 1 > /proc/sys/net/ipv4/conf/veth101.1/forwarding
host-node# echo 1 > /proc/sys/net/ipv4/conf/veth101.1/proxy_arp
host-node# echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
host-node# echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy_arp
host-node# echo 1 > /proc/sys/net/ipv4/conf/eth1/forwarding
host-node# echo 1 > /proc/sys/net/ipv4/conf/eth1/proxy_arp
```

```
test-vps# /sbin/ifconfig eth0 0
test-vps# /sbin/ifconfig eth1 0
test-vps# /sbin/ip addr add 200.25.96.2 dev eth0
test-vps# /sbin/ip addr add 192.168.156.252 dev eth1
test-vps# /sbin/ip ro add 192.168.156.0/24 dev eth1
test-vps# /sbin/ip route add default dev eth0
```

```
host-node# /sbin/ip route add 192.168.156.252 dev veth101.1
host-node# /sbin/ip route add 200.25.96.2 dev veth101.0
```

After This on other host 2 interfaces with communication on 2 Networks.

```
fox@otherhost:~$ ping 192.168.156.252
PING 192.168.156.252 (192.168.156.252) 56(84) bytes of data.
From 192.168.156.5 icmp_seq=2 Destination Host Unreachable
From 192.168.156.5 icmp_seq=3 Destination Host Unreachable
From 192.168.156.5 icmp_seq=4 Destination Host Unreachable
```

```
--- 192.168.156.252 ping statistics ---
6 packets transmitted, 0 received, +3 errors, 100% packet loss, time 5010ms
, pipe 3
```

```
fox@otherhost:~$ ping 200.25.96.2
PING 200.25.96.2 (200.25.96.2) 56(84) bytes of data.
64 bytes from 200.25.96.2: icmp_seq=1 ttl=64 time=0.045 ms
64 bytes from 200.25.96.2: icmp_seq=2 ttl=64 time=0.035 ms
```

```
--- 2200.25.96.2 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1000ms
rtt min/avg/max/mdev = 0.035/0.040/0.045/0.005 ms
```

Only work the interface with the default gw on VPS.  
I am omit some step?  
Howto make Work this.

Fernando

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