Subject: Re: VE with veth, using MAC address it shouldn't be aware of
Posted by samlt on Fri, 09 Feb 2007 18:41:47 GMT
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And now the million dollar (or euro..) question, why does it work if I make a bridge with only this interface (well this also work if I bridge several interfaces..) ?
brctl show
bridge name bridge id STP enabled interfaces
br0 8000.001851b4a685 no veth103.0and ip a l
4: eth0: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc pfifo_fast qlen 1000
link/ether 00:30:1b:b6:f2:1c brd ff:ff:ff:ff:ff:ff
inet 10.3.0.50/24 scope global eth0
...
9: veth103.0: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc noqueue
link/ether 00:18:51:29:5c:12 brd ff:ff:ff:ff:ff:ff
6: br0: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc noqueue
link/ether 00:18:51:b4:a6:85 brd ff:ff:ff:ff:ff:ff
inet 10.4.0.50/24 scope global br0on the VE0 tcpdump -i 3 -e
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on br0, link-type EN10MB (Ethernet), capture size 68 bytes
(...)
19:33:34.851958 00:18:51:ce:18:98 (oui Unknown) > 00:18:51:b4:a6:85 (oui Unknown), ethertype IPv4 (0x0800), length 98: debnated > linksys: ICMP echo request, id 15397, seq 1, length 64
19:33:34.852498 00:18:51:b4:a6:85 (oui Unknown) > 00:18:51:ce:18:98 (oui Unknown), ethertype IPv4 (0x0800), length 98: linksys > debnated: ICMP echo reply, id 15397, seq 1, length 64
This means the packet are copied when the interface is a bridge(or at least when it's not a veth nor a venet interface)?

By the way, when you said, the packet are copied, it's the kernel which makes the copy, right?

Thank you