Subject: Re: Ethernet bonding with bridge device on CentOS 5.3
Posted by batfastad on Tue, 20 Oct 2009 21:29:25 GMT
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Hi ramjet
Thanks for the info - good news that this is possible!

Yes I want all VEs and the host to be on the same subnet.
No iptables and no tagged VLAN

Yeah I would really appreciate a bit more info on this though if that's ok

Quote:Then add your bond0 and the veth devices of your servers to the bridge. Make sure the bridge is up - either ifconfig br0 0 or ifconfig br0 up and enable forwarding for br0 in /proc.

So create the bond per this guide... http://wiki.openvz.org/Bonding

Then create the bridge, add VEs to the bridge, add the bond to the bridge
So following this guide... http://wiki.openvz.org/Veth#Virtual_Ethernet_devices_can_be_joined_in_one_bridge
These are the commands I'll need to run:
[host-node]# brctl addbr vzbr0
[host-node]# brctl addif vzbr0 veth102.0
[host-node]# brctl addif vzbr0 veth103.0
[host-node]# brctl addif vzbr0 bond0

[host-node]# ifconfig vzbr0 0
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/vzbr0/forwarding
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/vzbr0/proxy_arp

But possibly missing the proxy_arp bit... what's the proxy_arp for?
Just read up about it and not sure if I'll need it or not. Doesn't the switch normally deal with arp/mac address/ip translation?
One VE will be a zimbra mail container.
Another will be a Samba/Netatalk/Apache/MySQL container which is our combined NAS/intranet DB system.

Sounds like something like Samba might need proxy_arp enabled for broadcasting whatever it needs to broadcast.

And would I need to do this bit?
http://wiki.openvz.org/Veth#Add_routes_in_CT0
I'm guessing I'd still need to do that but its only for the VE addresses, nothing to do with the bond0

Thanks for all your help... so far