Subject: Help needed w/ vz networking: What terminology am I looking for?
Posted by cheuschober on Fri, 06 Jul 2007 18:08:36 GMT

Hi. Complete and under networking administration 'newb' but I do want to learn. Problem is, sometimes I don't know what the proper terms to google are...

Here's the situation:

I have a machine with two interfaces (eth0,eth1). eth0 is reserved for non-ve traffic, eth1 is reserved for ve traffic only. (I followed http://wiki.openvz.org/Multiple_Network_Interfaces_And_ARP_F lux regarding that)

The lan domain is 'sleepy' (172.16.192.0/24) behind a pfsense firewall/router.

I would like the ve's to have their own domain 'dopey' (172.16.91.0/24) but be able to have dns resolution across the whole network in both directions. (eg .sleepy machines can ping dns names of .dopey machines and visa versa)

Right now I cannot, for the life of me, figure out how to get traffic routed across much less set up dns resolution unless I set up the ve's on the primary lan domain in which case everything works without the need for configuration. I'm going to guess this has to do with iptables but beyond that I'm lost. Is this SNAT? DNAT? Both? Something else entirely?

First, I guess I should ask if this is even possible. If it is what specifically do I need to research to get this working?

Many thanks and regards.