Subject: Multiple Container IPs on Separate Networks and Network Access
Posted by Tetrafluoroethane on Fri, 08 Jun 2012 07:42:15 GMT

Hello,

I have a container with multiple IP addresses assigned. They are each in separate networks and both networks are a /24. Accessing the container on either address works fine from the outside world, but attempting to access the subnet of the second IP address (in the order listed in the .conf) fails. This is due to the subnet of the address being set to 255.255.255.255. The default route for the system simply uses the venet0 adaptor as a gateway so I would assume the host would take care of routing this out to the proper network, but this is not the case. If I force the netmask in the container to 255.255.255.0 this works fine.

I am not willing to use veth adaptors as the containers are not controlled by me. The host is controlled by me. So my questions are:

1) Is setting the netmask the only solution?
2) If not 1, is setting the netmask the best solution?
3) If not 2, what is the best solution to this.

Thank you for any input or ideas. Cheers.

 - Aaron