Subject: solution
Posted by jiadar on Thu, 24 Jul 2008 19:23:10 GMT
View Forum Message <> Reply to Message

I've solved this. Apparently, red hat insists that you follow their convention for creating the bridge. Creating the bridge by using brctl directly does not work. The following configurations solve the problem.

1. Create a file /etc/sysconfig/network-scripts/ifcfg-br0

Put in the IP information that was in your primary physical ethernet device. Change the device from "eth0" to "br0" and type from "ether" to "Bridge".

2. Modify the /etc/sysconfig/network-scripts/ifcfg-eth0

Modify your primary ethernet interface to be a member of the bridge with no IP information. Set it to use the bridge.

3. Add a file for each of your veth devices. For instance, for vethX.0, add a file /etc/sysconfig/network-scripts/ifcfg-vethX.0.

This file is almost the same as eth0. You will add the vethX.0 device to the bridge.

My actual configuration files are below:

==========ifcfg-br0==========
DEVICE=br0
BOOTPROTO=static
BROADCAST=10.0.129.255
IPADDR=10.0.129.4
IPV6INIT=yes
IPV6_AUTOCONF=yes
NETMASK=255.255.255.0
NETWORK=10.0.129.0
ONBOOT=yes
GATEWAY=10.0.129.1
TYPE=Bridge

==========ifcfg-eth0==========
DEVICE=eth0
TYPE=ether
BRIDGE=br0
ONBOOT=yes

==========ifcfg-veth109.0==========
DEVICE=veth109.0
ONBOOT=yes
STARTMODE=onboot
BRIDGE=br0

==========brctl show br0==========
bridge name bridge id STP enabled interfaces
br0 8000.0018510bd235 no veth109.0
eth0
==========route -n==========
Destination Gateway Genmask Flags Metric Ref
Use Iface
10.0.129.0 0.0.0.0 255.255.255.0 U 0 0
0 br0
169.254.0.0 0.0.0.0 255.255.0.0 U 0 0
0 br0
0.0.0.0 10.0.129.1 0.0.0.0 UG 0 0
0 br0