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Subject: CentOS, Multicast, and Bridging  
Posted by [althalus](#) on Sat, 03 Oct 2009 00:31:44 GMT  
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Have set up an x64 CentOS server running OpenVZ kernel 2.6.18-128.2.1.el5.028stab064.7 from the yum repo.

My network is an internal network (192.168.1.0), which gets internet access through an ADSL2 modem.

To get multicast working for my CT's, I set up a bridge interface. This is working great for the CTs, Multicast works, and the CTs have internet access.

BUT, the host only has local network access, NOT internet.

I'm at a loss here. The routes look fine, every other machine on the network has internet access, even the CTs on the host have internet...

EDIT: I should also add there are no firewall rules on the host. Clearing the rules from iptables was the first thing I did.

Some of my configs:  
eth0:

```
DEVICE=eth0  
BRIDGE=en0  
HWADDR=00:40:D0:93:1D:D4  
ONBOOT=yes
```

en0: (Bridge)

```
DEVICE=en0  
TYPE=Bridge  
ONBOOT=yes  
BOOTPROTO=static  
IPADDR=192.168.1.20  
NETMASK=255.255.255.0  
NETWORK=192.168.1.0  
GATEWAY=192.168.1.1
```

Output from ip route on host:

```
192.168.1.0/24 dev en0 proto kernel scope link src 192.168.1.20  
169.254.0.0/16 dev en0 scope link  
default via 192.168.1.1 dev en0
```