Subject: *SOLVED* What I am mistaking. Help please
Posted by dragos2 on Wed, 26 Aug 2009 09:23:49 GMT
View Forum Message <> Reply to Message

I have a fresh Ubuntu server 8.04 64 bit LTS installed,
then I installed the openvz kernel from repositories,
booted into it.

The server has a static ip and a domain assigned.

Then downloaded most of the precreated templates and created
containers from them and started them, but I did not had
internet access from then ouside and vice-versa.

Then I assigned them the same IP public static ip and nameservers
and the same domain. This did not worked too.

What am I missing ?

My /etc/network/interfaces
This file describes the network interfaces available on your system
and how to activate them. For more information, see interfaces(5).

The loopback network interface
auto lo
iface lo inet loopback

The primary network interface
auto eth1
iface eth1 inet static
address 193.19.*.*
netmask 255.255.255.0
network 193.19.*.*
broadcast 193.19.*.*
gateway 193.19.*.*
dns-* options are implemented by the resolvconf package, if installed
dns-nameservers 193.19.*.*
dns-search mydomain.com

Subject: Re: What I am mistaking. Help please
Posted by kir on Wed, 26 Aug 2009 09:42:57 GMT
View Forum Message <> Reply to Message

Each container should have its own IP address. Either public or private, in the latter case see

http://wiki.openvz.org/Using_NAT_for_container_with_private_ IPs

Subject: Re: What I am mistaking. Help please
Posted by dragos2 on Wed, 26 Aug 2009 11:03:30 GMT
View Forum Message <> Reply to Message

Thank you.

This is my scenario(public ip is 193.19.x.y):

root@ubu01:~# hostname
ubu01.domain.com

root@deb01:~# vzctl set 777 --nameserver 193.19.*.* --ip 192.168.1.1 --save

root@ubu01:~# vzlist -a
VEID NPROC STATUS IP_ADDR HOSTNAME
777 8 running 192.168.1.1 vps.ubu01.domain.com

Allow access from outside to inside vps port 80

iptables -t nat -A PREROUTING -p tcp -d 193.19.x.y --dport port_num -i eth0 -j DNAT
--to-destination 192.168.1.1:80

Allow access from inside the vps to the outside internet

iptables -t nat -A POSTROUTING -s 192.168.1.1 -o eth0 -j SNAT --to 193.19.x.y

But it is not working. I don't have internet to/from container.

I did something wrong ?

Subject: Re: What I am mistaking. Help please
Posted by kir on Wed, 26 Aug 2009 11:15:06 GMT
View Forum Message <> Reply to Message

Any other iptables rules that you have?

Subject: Re: What I am mistaking. Help please
Posted by kir on Wed, 26 Aug 2009 11:15:57 GMT
View Forum Message <> Reply to Message

Also, do you have ip forwarding enabled?

Subject: Re: What I am mistaking. Help please
Posted by dragos2 on Wed, 26 Aug 2009 11:20:00 GMT
View Forum Message <> Reply to Message

This is at the end of my sysctl.conf

```
# On Hardware Node we generally need
# packet forwarding enabled and proxy arp disabled

net.ipv4.conf.default.forwarding=1
net.ipv4.conf.default.proxy_arp=1
net.ipv4.ip_forward=1
net.ipv4.conf.all.forwarding=1

# Enables source route verification
net.ipv4.conf.all.rp_filter = 1

# Enables the magic-sysrq key
kernel.sysrq = 1

# TCP Explict Congestion Notification
#net.ipv4.tcp_ecn = 0

# we do not want all our interfaces to send redirects
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
```

No, there are no other iptables rules. Also ufw
is disabled.

Any other details that you need ?

Subject: Re: What I am mistaking. Help please
Posted by kir on Wed, 26 Aug 2009 11:25:52 GMT
View Forum Message <> Reply to Message

Are those sysctl.conf rules applied? i.e. show me your /proc/sys/net/ipv4/ip_forward

Show me your "iptables -L -n -v" output.

Show me the result of pings
- from host system to container
- from container to the host system
- from host system to your gateway
- from container to your gateway

Subject: Re: What I am mistaking. Help please
Posted by dragos2 on Wed, 26 Aug 2009 11:30:37 GMT
View Forum Message <> Reply to Message

Thank you very much for your help.

Your NAT suggestion worked. My mistake what that in the iptables
rules I was using eth0 but my external interface is eth1.

Now is working. I was that close to quit.

Thank you very much
