
Subject: Re: networking with debian based templates

Posted by [vzjay](#) on Wed, 30 Jan 2008 00:42:51 GMT

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Hi,

My Host is CentOS 5.x. I also have

DEF_OSTEMPLATE="debian-4.0-i386-minimal" defined in /etc/vz/vz.conf

I can ping the Host Node's IP and the Host Node can ping the VM's IP (both are public IP addresses) but I can't connect to the outside world. There is one gentoo VM and one centos VM running with the same configuration, but connecting to the outside world and allowing connections.

```
[root@elbrus ~]# cat /etc/sysctl.conf
# Kernel sysctl configuration file for Red Hat Linux
#
# For binary values, 0 is disabled, 1 is enabled. See sysctl(8) and
# sysctl.conf(5) for more details.

# Controls IP packet forwarding
net.ipv4.ip_forward = 1
net.ipv4.conf.default.proxy_arp = 0

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

# Controls the System Request debugging functionality of the kernel
kernel.sysrq = 1

# Controls whether core dumps will append the PID to the core filename
# Useful for debugging multi-threaded applications
kernel.core_uses_pid = 1

# we do not want all our interfaces to send redirects
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
[root@elbrus ~]#
```

Additionally, there's no iptables rules currently.

```
[root@elbrus ~]# iptables -nL
Chain INPUT (policy ACCEPT)
target    prot opt source          destination

Chain FORWARD (policy ACCEPT)
target    prot opt source          destination
```

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
[root@elbrus ~]#

Any ideas?

Thanks in advance!

albinootje wrote:

> existx@existx.net wrote:

>

> hi,

>

> > I'm trying to use the following templates:

> >

> > debian-4.0-i386-minimal

> ---cut for brevity---

> > venet0 Link encap:UNSPEC HWaddr

00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00

> > inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0

Mask:255.255.255.255

> > UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

> > RX packets:0 errors:0 dropped:0 overruns:0 frame:0

> > TX packets:7 errors:0 dropped:0 overruns:0 carrier:0

> > collisions:0 txqueuelen:0

> > RX bytes:0 (0.0 b) TX bytes:588 (588.0 b)

> >

> > venet0:0 Link encap:UNSPEC HWaddr

00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00

> > inet addr:public.ip.add.ress P-t-P:public.ip.add.ress

Bcast:0.0.0.0 Mask:255.255.255.255

> > UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

> >

> > Why does it create two venet0 interfaces with one being loopback and one being my public IP address?

> >

> > Of course, there's no network connectivity with this setup.

>

> i'm using a self-build debian etch template on a debian etch machine,

> and i see the same thing, but it works without any problems since many months

>

> i have : DEF_OSTEMPLATE="debian-4.0-i386-minimal"

> in /etc/vz/vz.conf

>

> i've edited /etc/sysctl.conf according to the OpenVZ-wiki

>

> and that's about it, works like a charm!

>
