
Subject: OpenSuSE precreated no connectivity
Posted by [goeldi](#) on Mon, 23 Apr 2007 12:15:03 GMT
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I use a CentOS 5 as HN and the OpenSuSE 10 precreated image as VE. Kernel is 2.6.18-8.el5.028stab027.1. This software is on the HN:

```
vzquota-3.0.9-1
vzyum-2.4.0-11
vzpkg-2.7.0-18
vzrpm43-python-4.3.3-7_nonptl.6
vztempl-centos-4-2.0-2
vzctl-lib-3.0.16-1
vzctl-3.0.16-1
vzrpm44-4.4.1-22.5
vzrpm44-python-4.4.1-22.5
vzrpm43-4.3.3-7_nonptl.6
```

I can start and stop the VE from HN without any problem. Yum on HN works too. Now my problem is, that I have no connectivity at all to and from the VE (ping from HN to VE and ping from VE to HN or the internet doesn't work).

Here is my configuration:

/sbin/ifconfig -a on HN:

```
eth1    Link encap:Ethernet  HWaddr 00:14:78:06:60:A0
        inet addr:147.86.124.80  Bcast:147.86.127.255  Mask:255.255.252.0
        inet6 addr: fe80::214:78ff:fe06:60a0/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:300 errors:0 dropped:0 overruns:0 frame:0
        TX packets:102 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:29180 (28.4 KiB)  TX bytes:11179 (10.9 KiB)
        Interrupt:201 Base address:0x8c00

lo       Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)

sit0     Link encap:IPv6-in-IPv4
        NOARP  MTU:1480  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
```

collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:147.86.124.83 P-t-P:147.86.124.83 Bcast:147.86.127.255 Mask:255.255.252.0
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

/sbin/ifconfig -a on VE:

lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

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:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 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:147.86.124.81 P-t-P:147.86.124.81 Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

ifconfig -a on VE:

lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

```

venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        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:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)

```

```

venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:147.86.124.81  P-t-P:147.86.124.81  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1

```

route -n on VE:

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.0.2.0	0.0.0.0	255.255.255.0	U 0 0	0	0	venet0	
127.0.0.0	0.0.0.0	255.0.0.0	U 0 0	0	0	lo	

route -n on HN:

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
147.86.124.0	0.0.0.0	255.255.252.0	U 0 0	0	0	eth1	
147.86.124.0	0.0.0.0	255.255.252.0	U 0 0	0	0	venet0	
169.254.0.0	0.0.0.0	255.255.0.0	U 0 0	0	0	venet0	
0.0.0.0	147.86.124.1	0.0.0.0	UG 0 0	0	0	eth1	

iptables -L -vn on HN:

[CODE]

Chain INPUT (policy ACCEPT 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
614	64302	RH-Firewall-1-INPUT	all	--	*	*	0.0.0.0/0	0.0.0.0/0

Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	RH-Firewall-1-INPUT	all	--	*	*	0.0.0.0/0	0.0.0.0/0

Chain OUTPUT (policy ACCEPT 325 packets, 37935 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
------	-------	--------	------	-----	----	-----	--------	-------------

Chain RH-Firewall-1-INPUT (2 references)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	ACCEPT	all	--	lo	*	0.0.0.0/0	0.0.0.0/0
2	168	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0
0	0	ACCEPT	esp	--	*	*	0.0.0.0/0	0.0.0.0/0

icmp type 255

```

0 0 ACCEPT ah -- * * 0.0.0.0/0 0.0.0.0/0
0 0 ACCEPT udp -- * * 0.0.0.0/0 224.0.0.251 udp dpt:5353
0 0 ACCEPT udp -- * * 0.0.0.0/0 0.0.0.0/0 udp dpt:631
0 0 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 tcp dpt:631
390 30609 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state
RELATED,ESTABLISHED
0 0 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 state NEW tcp dpt:10000
1 48 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 state NEW tcp dpt:22
221 33477 REJECT all -- * * 0.0.0.0/0 0.0.0.0/0 reject-with
icmp-host-prohibited[/CODE]

```

iptables on VE is not running

/etc/vz/conf/12481.conf

ONBOOT="yes"

```

# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="40:40"
NUMPROC="65:65"
NUMTCPSOCK="80:80"
NUMOTHERSOCK="80:80"
VMGUARPAGES="6144:2147483647"
# Secondary parameters
KMEMSIZE="2752512:2936012"
TCPSNDBUF="319488:524288"
TCPRCVBUF="319488:524288"
OTHERSOCKBUF="132096:336896"
DGRAMRCVBUF="132096:132096"
OOMGUARPAGES="6144:2147483647"
# Auxiliary parameters
LOCKEDPAGES="32:32"
SHMPAGES="8192:8192"
PRIVVMPAGES="59152:63575"
NUMFILE="2048:2048"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"

PHYSPAGES="0:2147483647"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="1048576:1153434"

```

```
DISKINODES="200000:220000"  
QUOTATIME="0"
```

```
# CPU fair sheduler parameter  
CPUUNITS="1000"  
VE_ROOT="/vz/root/$VEID"  
VE_PRIVATE="/vz/private/$VEID"  
OSTEMPLATE="opensuse-10-i386-default"  
ORIGIN_SAMPLE="vps.basic"  
IP_ADDRESS="147.86.124.81"  
HOSTNAME="12481.fhnw.ch"
```

/etc/vz/vz.conf:

```
## Global parameters  
VIRTUOZZO=yes  
LOCKDIR=/vz/lock  
DUMPDIR=/vz/dump  
VE0CPUUNITS=1000
```

```
## Logging parameters  
LOGGING=yes  
LOGFILE=/var/log/vzctl.log  
LOG_LEVEL=0  
VERBOSE=0
```

```
## Disk quota parameters  
DISK_QUOTA=yes  
VZFASTBOOT=no
```

```
# The name of the device whose ip address will be used as source ip for VE.  
# By default automatically assigned.  
#VE_ROUTE_SRC_DEV="eth0"
```

```
## Template parameters  
TEMPLATE=/vz/template
```

```
## Defaults for VEs  
VE_ROOT=/vz/root/$VEID  
VE_PRIVATE=/vz/private/$VEID  
CONFIGFILE="vps.basic"  
DEF_OSTEMPLATE="fedora-core-4"
```

```
## Load vzwdog module
```

VZWDOG="no"

IPV6="no"

IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
