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Subject: Netzwerk Probleme

Posted by [Deluxe](#) on Thu, 15 Dec 2011 15:23:32 GMT

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Liebe Community,

ich habe derzeit folgendes Problem in mehreren Virtuellen Maschinen mit Openvz

Es geht Darum das ich ein Komplettes C-Netz besitze und jede Vps und jeder dedicated Root haben IP-Adressen aus der Range, auch die Hostmaschine von den VPS.

Es wird Venet benutzt und die Configuration sieht wie folgt aus

```
## Global parameters
```

```
VIRTUOZZO=yes
```

```
LOCKDIR=/var/lib/vz/lock
```

```
DUMPDIR=/var/lib/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
```

```
# Controls which interfaces to send ARP requests and modify APR tables on.
```

```
NEIGHBOUR_DEVS=all
```

```
## Template parameters
```

```
TEMPLATE=/var/lib/vz/template
```

```
## Defaults for VEs
```

```
VE_ROOT=/var/lib/vz/root/$VEID
```

```
VE_PRIVATE=/var/lib/vz/private/$VEID
```

```
CONFIGFILE="vps.basic"
```

```
#DEF_OSTEMPLATE="fedora-core-4"
```

```
DEF_OSTEMPLATE="debian"
```

```
## Load vzwdog module
```

```
VZWDOG="no"
```

```
## IPv4 iptables kernel modules
IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
```

```
## Enable IPv6
IPV6="no"
```

```
## IPv6 ip6tables kernel modules
IP6TABLES="ip6_tables ip6table_filter ip6table_mangle ip6t_REJECT"
```

Die Verbindung von den Virtuellen Maschinen zu einem der dedi. Rootserver im Netzwerk ist nicht möglich, wobei die Verbindung von den Hostmaschinen der Virtuellen Maschinen zu dem anderen Dedizierten Server möglich ist.

Weiß jemand von euch woran das liegt, es muss ja sehr wahrscheinlich eine Fehlkonfiguration sein.

Es handelt sich hierbei um Debian Maschinen.

Die Interfaces-Config sieht wie folgt aus.

```
# Auto generated interfaces
auto lo
iface lo inet loopback

auto venet0
iface venet0 inet static
    address 127.0.0.1
    netmask 255.255.255.255
    broadcast 0.0.0.0
    up route add -net 192.0.2.1 netmask 255.255.255.255 dev venet0
    up route add default gw 192.0.2.1
auto venet0:0
iface venet0:0 inet static
    address 83.141.x.x
    netmask 255.255.255.255
    broadcast 0.0.0.0

auto venet0:1
iface venet0:1 inet static
    address 83.141.x.x
    netmask 255.255.255.255
    broadcast 0.0.0.0
```

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Subject: Re: Netzwerk Probleme  
Posted by [curx](#) on Thu, 15 Dec 2011 16:37:56 GMT  
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die sysctl paramter hast du auch angepasst ...  
Stichwort packet forwarding ...

Poste doch mal die systl config datei(en)

/etc/sysctl.conf  
/etc/sysctl.d/\* .conf

Gruß,  
Thorsten

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Subject: Re: Netzwerk Probleme  
Posted by [Deluxe](#) on Thu, 15 Dec 2011 16:56:05 GMT  
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Sysctl.conf

```
#  
# /etc/sysctl.conf - Configuration file for setting system variables  
# See /etc/sysctl.d/ for additional system variables  
# See sysctl.conf (5) for information.  
#  
  
#kernel.domainname = example.com  
  
# Uncomment the following to stop low-level messages on console  
#kernel.printk = 4 4 1 7  
  
#####3  
# Functions previously found in netbase  
#  
  
# Uncomment the next two lines to enable Spoof protection (reverse-path filter)  
# Turn on Source Address Verification in all interfaces to  
# prevent some spoofing attacks  
#net.ipv4.conf.default.rp_filter=1  
net.ipv4.conf.all.rp_filter=1
```

```
# Uncomment the next line to enable TCP/IP SYN cookies
# This disables TCP Window Scaling (Ikml-org/Ikml/2008/2/5/167),
# and is not recommended.
#net.ipv4.tcp_syncookies=1
```

```
# Uncomment the next line to enable packet forwarding for IPv4
net.ipv4.ip_forward=1
```

```
# Uncomment the next line to enable packet forwarding for IPv6
#net.ipv6.conf.all.forwarding=1
```

```
#####
```

```
# Additional settings - these settings can improve the network
# security of the host and prevent against some network attacks
# including spoofing attacks and man in the middle attacks through
# redirection. Some network environments, however, require that these
# settings are disabled so review and enable them as needed.
```

```
#
# Ignore ICMP broadcasts
net.ipv4.icmp_echo_ignore_broadcasts = 1
```

```
#
# Ignore bogus ICMP errors
#net.ipv4.icmp_ignore_bogus_error_responses = 1
```

```
#
# Do not accept ICMP redirects (prevent MITM attacks)
net.ipv4.conf.all.accept_redirects = 0
```

```
#net.ipv6.conf.all.accept_redirects = 0
# _or_
# Accept ICMP redirects only for gateways listed in our default
# gateway list (enabled by default)
# net.ipv4.conf.all.secure_redirects = 1
```

```
#
# Do not send ICMP redirects (we are not a router)
#net.ipv4.conf.all.send_redirects = 0
```

```
#
# Do not accept IP source route packets (we are not a router)
#net.ipv4.conf.all.accept_source_route = 0
```

```
#net.ipv6.conf.all.accept_source_route = 0
#
# Log Martian Packets
#net.ipv4.conf.all.log_martians = 1
```

```
#
# The contents of /proc/<pid>/maps and smaps files are only visible to
# readers that are allowed to ptrace() the process
# kernel.maps_protect = 1
```

```
#OPEN VZ TOP
net.ipv4.conf.all.rp_filter=1
net.ipv4.icmp_echo_ignore_broadcasts=1
net.ipv4.conf.default.forwarding=1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.ip_forward=1
kernel.sysrq = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
net.ipv4.conf.eth0.proxy_arp=1
```

Weitere Configs in dem sysctl.d Ordner gibt es nicht...

Was genau muss hier wie umgestellt werden, gibt es ggf. ein tutorial oder ähnliches hierzu ?

fpr direkte hilfe wäre ich aber auch sehr verbunden und dankbar

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Subject: Re: Netzwerk Probleme  
Posted by [Deluxe](#) on Sun, 18 Dec 2011 01:33:08 GMT  
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Darf ich einen Zweiten Thread im Internationalen Support-Bereich hierzu parallel eröffnen ?

Daher es recht dringend ist.

Liebe Grüße

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Subject: Re: Netzwerk Probleme  
Posted by [Deluxe](#) on Fri, 13 Jan 2012 17:32:50 GMT  
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keiner eine idee ?

//push \*hoffe das ist erlaubt\*

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