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Subject: ip rule | HN & VE are on the same table  
Posted by [fsk141](#) on Thu, 05 Feb 2009 16:30:26 GMT  
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Problem:

Changes to ip rules from HN and VE are the same. IE. the changes are transparent to both:

HN:

```
[root@usa-box2 ~]# ip rule
0:  from all lookup 255
19998: from all lookup main
19999: from all lookup 33
```

VE:

```
[root@usa-ldap ~]# ip rule
0:  from all lookup 255
19998: from all lookup main
19999: from all lookup 33
```

Change on HN:

```
[root@usa-box2 ~]# sudo ip rule del from all lookup main
[root@usa-box2 ~]# ip rule
0:  from all lookup 255
19999: from all lookup 33
```

VE:

```
[root@usa-ldap ~]# ip rule
0:  from all lookup 255
19999: from all lookup 33
```

Change on VE:

```
[root@usa-ldap ~]# ip rule add from all lookup main
[root@usa-ldap ~]# ip rule
0:  from all lookup 255
19998: from all lookup main
19999: from all lookup 33
```

HN:

```
[root@usa-box2 ~]# ip rule
0:  from all lookup 255
19998: from all lookup main
19999: from all lookup 33
```

This is a serious problem....

Information:

I did a physical to VE migration as per instructions:

[http://wiki.openvz.org/Physical\\_to\\_VE](http://wiki.openvz.org/Physical_to_VE)

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I'm using a custom kernel.

2.6.24  
ovz-007.1  
drbd 8.3.0  
ibcs 3.7

I did a couple things with the .config, auditing, and I don't think much else:

-- .config attached --

-----  
- uname -

[root@usa-box2 ~]# uname -a  
Linux usa-box2.car-rental-world.com 2.6.24 #1 SMP Tue Jan 13 11:40:59 PST 2009 i686 i686  
i386 GNU/Linux

-----  
- /etc/vz/vz.conf -

[root@usa-box2 vz]# cat 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=no  
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=detect

## 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"

## 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"
-----
```

I tried to include the information that pertains to the bug, but please let me know if you need anything else.

Thanks, Jonny

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#### File Attachments

1) [config](#), downloaded 278 times

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