

---

Subject: OpenVZ 7 - Problem with ipv6 default route after starting routed VM

Posted by [shenziro](#) on Thu, 30 Mar 2017 10:35:02 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I'm not sure if it is a bug or just some sort of configuration problem on my side. Everytime when starting a VM (not CT) on OpenVZ 7 with net0 set to type=routed it adds another default route to the main ipv6 routing table on the host. Like this: "default dev vme4241efa4 proto kernel metric 256".

The system uses this as new default route and all outgoing traffic is sent to the VM making the whole system unreachable at ipv6.

Any ideas?

```
# cat /etc/redhat-release
```

```
Virtuozzo Linux release 7.3
```

```
# uname -srvmpio
```

```
Linux 3.10.0-327.36.1.vz7.20.18 #1 SMP Tue Dec 20 13:52:43 MSK 2016 x86_64 x86_64 x86_64  
GNU/Linux
```

```
# rpm -qa | grep -i vz7
```

```
libvirt-daemon-config-nwfilter-2.4.0-1.vz7.12.1.x86_64  
vz-guest-tools-lin-0.10-79.vz7.noarch  
prl-disp-service-7.0.587.19-1.vz7.x86_64  
libvirt-daemon-driver-storage-2.4.0-1.vz7.12.1.x86_64  
libvirt-daemon-kvm-2.4.0-1.vz7.12.1.x86_64  
prl-disp-legacy-7.0.587.19-1.vz7.x86_64  
python-criu-2.8.0.14-1.vz7.x86_64  
debian-8.0-x86_64-ez-7.0.0-6.vz7.noarch  
libprlcommon-7.0.90-1.vz7.x86_64  
vzctl-7.0.138.4-1.vz7.x86_64  
vztt-lib-7.0.51-3.vz7.x86_64  
qemu-kvm-vz-2.3.0-31.2.21.vz7.77.3.x86_64  
vzkernel-headers-3.10.0-327.36.1.vz7.20.18.x86_64  
vzpkgenv47x64-7.0.9-10.vz7.x86_64  
openvz-logos-70.0.11-1.vz7.noarch  
libguestfs-tools-c-1.32.3-1.vz7.13.x86_64  
openvz-release-7.0.3-3.vz7.x86_64  
vztt_checker-7.0.1-2.vz7.x86_64  
vzpkgenv410x64-7.0.9-11.vz7.x86_64  
libreport-plugin-virtuozzo-1.0.4-2.vz7.x86_64  
vcmmmd-7.0.130.6-1.vz7.x86_64  
python-ploop-7.0.78-2.vz7.x86_64  
seavgabios-bin-1.7.5-11.vz7.4.noarch  
libvirt-daemon-driver-secret-2.4.0-1.vz7.12.1.x86_64  
qt-4.8.5-13.vz7.1.x86_64
```

libvirt-daemon-driver-vz-2.4.0-1.vz7.12.1.x86\_64  
libvirt-daemon-driver-lxc-2.4.0-1.vz7.12.1.x86\_64  
libvzctl-7.0.333.15-2.vz7.x86\_64  
qemu-kvm-common-vz-2.3.0-31.2.21.vz7.77.3.x86\_64  
libguestfs-1.32.3-1.vz7.13.x86\_64  
libguestfs-xfstools-1.32.3-1.vz7.13.x86\_64  
libguestfs-winsupport-7.2-3.vz7.x86\_64  
prl-vzncserver-7.0.8-1.vz7.x86\_64  
rsync-3.0.9-21.vz7.x86\_64  
vzlinux-7-x86\_64-ez-7.0.0-14.vz7.noarch  
vzprocs-3.3.10-3.vz7.7.x86\_64  
ubuntu-14.04-x86\_64-ez-7.0.0-4.vz7.noarch  
openvz-docs-7.0.34-1.vz7.noarch  
vztt-7.0.51-3.vz7.x86\_64  
suse-42.2-x86\_64-ez-7.0.0-6.vz7.noarch  
libvirt-python-2.5.0-1.vz7.1.1.x86\_64  
ploop-7.0.78-2.vz7.x86\_64  
seabios-bin-1.7.5-11.vz7.4.noarch  
libvirt-daemon-driver-nwfilter-2.4.0-1.vz7.12.1.x86\_64  
libprlsdk-7.0.169.5-1.vz7.x86\_64  
libvirt-daemon-driver-network-2.4.0-1.vz7.12.1.x86\_64  
libvzevent-7.0.7-2.vz7.x86\_64  
spfs-0.08.019-2.vz7.x86\_64  
libvirt-daemon-driver-qemu-2.4.0-1.vz7.12.1.x86\_64  
libvirt-2.4.0-1.vz7.12.1.x86\_64  
vzpkgenvdeb64-7.0.0-15.vz7.x86\_64  
vzkernel-3.10.0-327.36.1.vz7.20.18.x86\_64  
vmauth-7.0.5-1.vz7.x86\_64  
libguestfs-tools-1.32.3-1.vz7.13.noarch  
pcompact-7.0.9-2.vz7.x86\_64  
criu-2.8.0.14-1.vz7.x86\_64  
coripper-1.0.3-3.vz7.x86\_64  
virtuozzo-motd-0.5-1.vz7.noarch  
ploop-lib-7.0.78-2.vz7.x86\_64  
libvirt-libs-2.4.0-1.vz7.12.1.x86\_64  
centos-7-x86\_64-ez-7.0.0-22.vz7.noarch  
ubuntu-16.04-x86\_64-ez-7.0.0-12.vz7.noarch  
libvirt-client-2.4.0-1.vz7.12.1.x86\_64  
vz-guest-tools-win-0.48-7.vz7.noarch  
qemu-kvm-tools-vz-2.3.0-31.2.21.vz7.77.3.x86\_64  
OVMF-20150414-2.gitc9e5618.vz7.3.noarch  
vzmigrate-7.0.53-1.vz7.x86\_64  
fedora-23-x86\_64-ez-7.0.0-10.vz7.noarch  
libvirt-daemon-2.4.0-1.vz7.12.1.x86\_64  
libprlxmodel-7.0.55-1.vz7.x86\_64  
prl-disp-service-tests-7.0.587.19-1.vz7.x86\_64  
vztt\_checker-7.0.1-2.vz7.i686  
suse-42.1-x86\_64-ez-7.0.0-5.vz7.noarch

virt-v2v-1.32.3-1.vz7.13.x86\_64  
vzreport-7.0.12-1.vz7.x86\_64  
prlctl-7.0.108-1.vz7.x86\_64  
crit-2.8.0.14-1.vz7.x86\_64  
libreport-plugin-vz-bugs-1.0.2-2.vz7.noarch  
libvcmmmd-7.0.21-1.vz7.x86\_64  
phaul-0.1.21-2.vz7.noarch  
ipxe-roms-qemu-20130517-7.gitc4bce43.vz7.4.noarch  
libvirt-daemon-driver-nodedev-2.4.0-1.vz7.12.1.x86\_64  
libprlsdk-python-7.0.169.5-1.vz7.x86\_64  
qemu-img-vz-2.3.0-31.2.21.vz7.77.3.x86\_64  
python-subprocess32-3.2.6-5.vz7.1.x86\_64  
libvirt-daemon-driver-interface-2.4.0-1.vz7.12.1.x86\_64  
vzpkgenvzypp49x64-7.0.9-14.vz7.x86\_64  
prl-disk-tool-7.0.27-1.vz7.x86\_64  
vzstat-7.0.8-2.vz7.x86\_64  
centos-6-x86\_64-ez-7.0.0-4.vz7.noarch

---

---

Subject: Re: OpenVZ 7 - Problem with ipv6 default route after starting routed VM  
Posted by [azilber](#) on Wed, 26 Apr 2017 01:32:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Disable ipv6.

In /etc/vz/vz.conf set  
IPV6=no

You may also need to add 'noipv6' to grub.cfg kernel parameter line. Although, I didn't and my ipv6 is disabled.

---

---

Subject: Re: OpenVZ 7 - Problem with ipv6 default route after starting routed VM  
Posted by [wyckao](#) on Mon, 10 Jul 2017 13:07:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Try adding default route with lower metric, e.g:  
"ip r a default via GATEWAY\_IPv6 metric 1"  
So system will use default route with lower metric.

---