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

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

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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 -srm
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
vcmmdd-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-xfs-1.32.3-1.vz7.13.x86\_64  
libguestfs-winsupport-7.2-3.vz7.x86\_64  
prl-vzvncserver-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  
vzprocps-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  
libprl sdk-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  
libprlxmmodel-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  
vzpkgenzypp49x64-7.0.9-14.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

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**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

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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.

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**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

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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.

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