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Subject: Removing venet0 from VE (OpenVZ7 - Virtuozzo Linux 7.2)

Posted by [A\(r\)dmin](#) on Tue, 07 Feb 2017 17:03:42 GMT

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Hi community,

the article about the network mode "bridged" ([https://docs.openvz.org/openvz\\_users\\_guide.webhelp/\\_bridged\\_mode\\_for\\_containers.html](https://docs.openvz.org/openvz_users_guide.webhelp/_bridged_mode_for_containers.html)) in the documentation says this mode can only be an addition to the host-routed network. But a VE without a host-routed network is exactly what I want to have. My VEs should have only a bridged interface.

So I was able to get rid of venet0 on the physical host and I removed the network "Host-Only". But venet0 still exists in the VE. It seems like no network traffic can go through venet0 on the VE anymore and that's great. But how do I remove the network device of the VE. I really want this net device to disappear. Has someone an idea?

This is what I've done to get rid of venet0 on the physical host:

1)

I modified /usr/libexec/vz so the function setup\_net is looking like this (got the idea from here [https://openvz.org/Disable\\_venet\\_interface](https://openvz.org/Disable_venet_interface)):

```
setup_net()
{
    local hwcsu_m_set=1 tso_set=1 val
    local rx=on tx=on sg=on tso=on
    local ethtool_args= iface_params

    # We do not want to export the whole config file.
    eval $(. ${VZCONF} && echo USE_NET_TSO="${USE_NET_TSO}" \
        USE_NET_HWCSUM="${USE_NET_HWCSUM}")

    if [ -n "${VE_ROUTE_SRC_DEV}" ]; then
        setup_venet
    fi

    if [ "${USE_NET_HWCSUM}" = "yes" ]; then
        ethtool_args="${ethtool_args} rx on tx on sg on"
    elif [ "${USE_NET_HWCSUM}" = "no" ]; then
        ethtool_args="${ethtool_args} rx off tx off sg off"
    else
        hwcsu_m_set=0
    fi

    if [ "${USE_NET_TSO}" = "yes" ]; then
        ethtool_args="${ethtool_args} tso on"
    elif [ "${USE_NET_TSO}" = "no" ]; then
```

```

        ethtool_args="${ethtool_args} tso off"
    else
        tso_set=0
    fi

    if [[ ${hwcsup_set} -eq 0 || ${tso_set} -eq 0 ]]; then
        # Get minimal common subset of capabilities.
        for iface in $(get_physical_interfaces); do
            iface_params=$(ethtool -k "${iface}" | awk '
                /^rx-checksumming:/ {print "rx", $2};
                /^tx-checksumming:/ {print "tx", $2};
                /^scatter-gather:/ {print "sg", $2};
                /^tcp-segmentation-offload:/ {print "tso", $2}')
            for param in rx tx sg tso; do
                val=$(echo "${iface_params}" | awk "/${param}/ {print \$2}")
                [ "${val}" = "off" ] && eval ${param}=off
            done
        done
        [ ${hwcsup_set} -eq 0 ] && ethtool_args="${ethtool_args} rx ${rx} tx ${tx} sg ${sg}"
        [ ${tso_set} -eq 0 ] && ethtool_args="${ethtool_args} tso ${tso}"
    fi

    if [ -n "$VE_ROUTE_SRC_DEV" ]; then
        [ -n "${ethtool_args}" ] && ethtool -K venet0 ${ethtool_args} &>/dev/null
    fi

    return 0
}

```

2)

To take effect I have this in the /etc/vz/vz.conf:

```
VE_ROUTE_SRC_DEV=""
```

3)

```
prlsrvctl net del Host-Only
```

And after reboot there should be no venet0 on the physical host. But still there is a venet0 in the VE.

This had no effect:

```
prlctl set OpenVZ_Tests_VE_d2 --netif_del venet0
```