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Subject: SOLVED for CentOS 7 w/vzctl v4.9 -- Re: No Network Connection  
w/Templates: centos-7 min, fedora-22  
Posted by [i2internet](#) on Fri, 14 Aug 2015 18:17:16 GMT  
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Thank you, Thorsten, for the followup. Your inquiry prompted further investigation which led to a solution as described below.

It turns out that there is a bug at vzctl version 4.8 which is resolved at vzctl version 4.9 as described here:

[bugs.openvz.org/browse/OVZ-6213](http://bugs.openvz.org/browse/OVZ-6213)

The following two posts are what led me to discover the bug:

[lists.openvz.org/pipermail/users/2015-March/006121.html](http://lists.openvz.org/pipermail/users/2015-March/006121.html)  
[forum.openvz.org/index.php?t=msg&goto=51927&S=fe9d7a\\_a769a04310e3433dd08662ab1e](http://forum.openvz.org/index.php?t=msg&goto=51927&S=fe9d7a_a769a04310e3433dd08662ab1e)

WHAT'S BELOW APPLIES TO CENTOS 7 (but not FEDORA 22 per se):

I found that I could activate networking by calling either of the following two commands after container boot:

```
ip addr add 192.99.88.77 dev venet0
```

- or -

```
ifup ifcfg-venet0:0 (for CENTOS 7)
```

(Using either of the two above commands seemed to work for CentOS 7; whereas using just the command at bottom without ":0" for Fedora 22 seemed to work.)

With vzctl version 4.8 I was running, on reboot, networking went away. After upgrading vzctl to version 4.9 (4.9.3) I found that it was no longer necessary to call either of the above commands.

This apparently had something to do with the ARPCHECK setting. The workaround for vzctl 4.8 apparently was to set ARPCHECK to "no".

Though I don't know for certain, I expect all of the above has something to do with the following output that is shown when starting up OpenVZ containers such as this at this particular datacenter:

```
Adding IP address(es): 192.99.88.77  
arp send: 192.99.88.77 is detected on another computer : 00:ff:ff:ff:ff:ff  
vps-net_add WARNING: arp send -c 1 -w 1 -D -e 192.99.88.77 eth0 FAILED
```

Using version 4.9.3, I have confirmed that no manual steps are needed to activate networking

when starting up the OpenVZ CentOS 7 minimal.

WHAT'S BELOW APPLIES TO FEDORA 22:

I've seen some similar behavior with the Fedora 22 template, but to manually activate networking the following (without ":0") seemed to work:

```
ifup ifcfg-venet0 (for FEDORA 22)
```

Note that for Fedora 22, simply updating vzctl to version 4.9 did not seem to resolve the issue seen here: networking does not appear to become active until the command shown immediately above is run, even when using version 4.9.3 of vzctl.

At present, then, I still need a solution which does not require manual calling of "ifup ifcfg-venet0" after reboot. Any suggestions? Introduce a script that calls this at startup, or something better?

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