
Subject: [migrating physical server to VE] little network problem

Posted by [arghbis](#) on Fri, 02 Nov 2007 14:50:25 GMT

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Hello everybody,

I'm currently trying to migrate a physical server into a VE. I've read http://wiki.openvz.org/Physical_to_VE, and everything is almost working.

The physical server runs redhat 8.0.

The only remaining problem is the network. I've set the ONBOOT option to no for each physical network interface.

I've then run the vzctl commands to add an ip to VE, as well as a nameserver.

Then, i start the VE and have an error message :

Quote:

```
Adding IP address(es): 192.168.2.3
```

```
/bin/cp: ambiguous argument `` for `--preserve'
```

```
Valid arguments are:
```

- `mode'
- `timestamps'
- `ownership'
- `links'
- `all'

```
Try `/bin/cp --help' for more information.
```

```
ERROR: Can't copy file /etc/sysconfig/network
```

```
Setting CPU units: 133016
```

```
Set hostname: migtest
```

```
/bin/cp: ambiguous argument `` for `--preserve'
```

```
Valid arguments are:
```

- `mode'
- `timestamps'
- `ownership'
- `links'
- `all'

```
Try `/bin/cp --help' for more information.
```

```
ERROR: Can't copy file /etc/sysconfig/network
```

```
VPS start in progress...
```

I enter the VE and am not able to ping any network.

To be able to ping, i have to manually add needed routes, and obviously, it does not remain once the VE is restarted.

I've checked `/etc/sysconfig/network-scripts/{ifcfg-venet0,ifcfg-venet0:0, route-venet0}` and everything seems to be fine.

Any idea about this?

thanks

Subject: Re: [migrating physical server to VE] little network problem

Posted by [arghbis](#) on Mon, 05 Nov 2007 07:45:05 GMT

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I've find the reason of the error message upon VE restart : i've modify /etc/vz/dists/scripts/functions and /etc/vz/dists/scripts/redhat-add_ip.sh to replace the /bin/cp options (add -a instead of --preserve=mode,ownership).

This suppress the error message, but the network is still not correctly set up.

any idea?

thanks

Subject: Re: [migrating physical server to VE] little network problem

Posted by [arghbis](#) on Mon, 05 Nov 2007 10:25:43 GMT

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ok, now i've found a solution.

the conf file /etc/sysconfig/network-scripts/route-venet0 is not taken into account.

Googling around some says that you have to add your routes into /etc/sysconfig/static-route (doesn't work), or in rc.local (doesn't work, and btw, an ugly way).

The last clue i found is to add routes in /etc/sysconfig/networking/\${interface}.route, and it works.

now, i have /etc/sysconfig/networking/venet0.route, that contains :

```
NETMASK1=255.255.255.255
```

```
ADDRESS1=191.255.255.1
```

hope this would help!
