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Subject: Config file not found

Posted by [jmelyn](#) on Fri, 07 Mar 2008 09:29:40 GMT

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Hello,

As I check the full installation I mean, re-install everything in a straight forward way, I've just discovered a warning. At the VE creation stage, I've got the message (of course VEid is not 123 and template is not abc, just to explain):

```
# vzctl create 123 --ostemplate abc
```

```
Creating VE private area (abc)
```

```
Warning: configuration file for distribution abc not found default used
```

```
Performing postcreate actions
```

```
VE private area was created
```

1) What is the file missing? Because `/etc/vz/conf/abc.conf` really exists and seems to be used to create `/etc/vz/conf/123.conf`!

2) What is the default file used?

Thanx in advance...

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Subject: Re: Config file not found

Posted by [kir](#) on Fri, 07 Mar 2008 11:25:44 GMT

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Quote:1) What is the file missing? Because `/etc/vz/conf/abc.conf` really exists and seems to be used to create `/etc/vz/conf/123.conf`!

1. The `--ostemplate` argument telling `vzctl` which distribution to use to create this container. It refers to `/vz/template/cache/abc.tar.gz` file.
2. The missing file in the error message is `/etc/vz/dists/abc.conf` -- a distribution-specific file telling how to tune various settings (such as IP addresses) inside this specific distro. Out-of-the-box `vzctl` supports `fedora`, `redhat`, `suse`, `debian`, `gentoo`, `archlinux`, `altlinux` and some other distros. It does not support a distribution called `abc`, so you should take care of it.
3. File `/etc/vz/conf/abc.conf` is never used.
4. If you want to specify an initial config for a container (with stuff like UBC parameters, disk quota etc.) , this is done with `--config` argument. See `man vzctl` for details.

Hope that helps.

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Subject: Re: Config file not found

Posted by [ugob](#) on Fri, 07 Mar 2008 12:27:59 GMT

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Look into /etc/vz/vz.conf:

```
## Defaults for VEs
VE_ROOT=/home/vz/root/$VEID
VE_PRIVATE=/home/vz/private/$VEID
CONFIGFILE="vps.basic"
DEF_OSTEMPLATE="centos-4"
```

The config file used in this case is /etc/vz/conf/ve-vps.basic.conf-sample

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Subject: Re: Config file not found  
Posted by [jmelyn](#) on Fri, 07 Mar 2008 14:13:18 GMT  
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Thank you for the fast replies.

Instead of abc, I'm going to write a placeholder <xxx>. From the two previous posts, this is what I've understood:

1) In /etc/vz/dists dir are scripts to mainly manage network so that VEs can use network whatever the distro is. The name of the script used is <myDist>.conf and must be the same as the template /vz/template/cache/<myDist>.tar.gz. The placeholder <myDist> is taken from the file /etc/vz/vz.conf at the line: DEF\_OSTEMPLATE="<myDist>".

2) In /etc/vz/conf dir are settings to put limits to VEs. There is a default config file <VE\_limits>.conf-sample used to create <VE\_id>.conf during the VE creation. The placeholder <VE\_limits> is taken from /etc/vz/vz.conf at the line: CONFIGFILE="<VE\_limits>".

3) Since /etc/vz/vz.conf got the correct names, there is no need to give arguments to the create command:

```
# vzctl create 123
```

4) A limit for one specific VE can be overwritten through the command:

```
# vzctl set <VE_id> ... --save
```

and is saved in /etc/vz/conf/<VE\_id>.conf file.

Is all that correct?

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Subject: Re: Config file not found  
Posted by [kir](#) on Wed, 12 Mar 2008 13:15:59 GMT  
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jmelyn wrote on Fri, 07 March 2008 17:13

1) In /etc/vz/dists dir are scripts to mainly manage network so that VEs can use network whatever

the distro is. The name of the script used is `<myDist>.conf` and must be the same as the template `/vz/template/cache/<myDist>.tar.gz`.

It should not really be equal. First `vzctl` looks for the exact `myDist.conf` file, if this file is unavailable then it tries to remove everything after and including the last dash '-' from my dist and tries again. So, in case `myDist` is `someos-1.2.3-minimal`, `vzctl` tries for `someos-1.2.3-minimal.conf`, then `someos-1.2.3.conf`, then `someos.conf`.

Quote: The placeholder `<myDist>` is taken from the file `/etc/vz/vz.conf` at the line:  
`DEF_OSTEMPLATE="<myDist>"`.

I would say "default" instead of "placeholder", but it's a matter of taste.

Quote: 2) In `/etc/vz/conf` dir are settings to put limits to VEs. There is a default config file `<VE_limits>.conf-sample`

In fact the name is `ve-<VE_limits>.conf-sample`.

Quote: used to create `<VE_id>.conf` during the VE creation. The placeholder `<VE_limits>` is taken from `/etc/vz/vz.conf` at the line: `CONFIGFILE="<VE_limits>"`.

Again I'd say "default".

Quote: 3) Since `/etc/vz/vz.conf` got the correct names, there is no need to give arguments to the `create` command:  
`# vzctl create 123`

Right.

Quote: 4) A limit for one specific VE can be overwritten through the command:  
`# vzctl set <VE_id> ... --save`  
and is saved in `/etc/vz/conf/<VE_id>.conf` file.

Right.

PS If you put that all to [wiki.openvz.org](http://wiki.openvz.org) that'd be great.