
Subject: Re: TEST IDEA - Scaling with openvz
Posted by [kingneutron](#) on Tue, 29 May 2007 23:02:01 GMT
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--Latest pseudocode update, comments/advice are welcome:

```
BEGIN VE 101 /etc/init.d/rc.local (PARTIAL)
```

```
# Openvz mods: 2007.0528  
/bin/rm /dev/shm/THISVE
```

```
thisve=`cat /proc/user_beancounters \  
|grep kmemsize \  
|awk '{ print $1 }'`
```

```
thisve=${thisve//:/} # Take out the trailing ":"
```

```
echo $thisve > /dev/shm/THISVE
```

```
# source /etc/openvz/clonesetup/VARS  
# If NOT "clonesetupran" then
```

```
# If THISVE > 100 AND < 1000, it is a Master Image.
```

```
# If not, consider it a clone:  
# o Setup IP  
# and start listening:
```

```
# sed /etc/network/interfaces  
# /etc/init.d/networking restart
```

```
# cd / ; time nc -l -p $port |tar xpvf -  
# > /root/log-this-somewhere.log
```

```
# After NC tarball...  
# If exist /root/bin/vz-postprocess-exec (can be sent as part of the tarball),  
# Source it and run it.  
# Then rename it so it is not processed anymore after subsequent reboots.
```

```
# Regardless:  
# mkdir -pv /etc/openvz/clonesetup  
# echo 'clonesetupran=1' > /etc/openvz/clonesetup/VARS
```

```
# Else
```

```
}
```

kingneutron wrote on Tue, 29 May 2007 01:43[[

I'm pretty sure I can do this programmatically with simple Bash scripting; but is there a way in-VE to have it determine what its number is on the host? (i.e. VE 1003 should "know" its number is 1003 somehow without having networking enabled yet.)

]]

--What I've got so far is that beancounters knows what its VE number is:

BEGIN VE 101 /etc/init.d/rc.local (PARTIAL)

```
do_start() {
    if [ -x /etc/rc.local ]; then
        [ "$VERBOSE" != no ] && log_begin_msg "Running local boot scrip
        /etc/rc.local
        ES=$?
        [ "$VERBOSE" != no ] && log_end_msg $ES
        return $ES
    fi
}
```

Openvz mods: 2007.0528

/bin/rm /dev/shm/THISVE

```
thisve=`cat /proc/user_beancounters \
|grep kmemsize \
|awk '{ print $1 }`
```

thisve=\${thisve//:/} # Take out the trailing ":"

echo \$thisve > /dev/shm/THISVE

If THISVE < 1000, it is a Master Image.

If not, consider it a clone:

o Setup IP

and start listening.

}

```
case "$1" in
    start)
```