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" it's 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)
```