Subject: Slow vz start/stop
Posted by dagr on Mon, 08 Jan 2007 10:26:32 GMT
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I have about 60 VPSs , and when i do /etc/init.d/vz stop/start - it s a pain for me. Its so slow ,130s
for stop and 120 for start . Ordinary VPS start takes 2s (3s with dropped quota) and stop - 7. I
checked this script , and noticed that it stops parallely 4 VPS by default, so the question is - is it ok
to stop them all paralelly at once ? And is there any problem to make start parallel as well ?

Subject: Re: Slow vz start/stop
Posted by dagr on Mon, 08 Jan 2007 10:39:35 GMT
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i tried speed up stop, in addition i removed unnecessary as i believe "sleep 1" after every "vzctl
stop" (as it wait pids anyway) so now it stops in 22s

Subject: Re: Slow vz start/stop
Posted by dagr on Mon, 08 Jan 2007 18:59:00 GMT
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Speeding up start was more difficult - as it waits for result and shows its start OK for every VPS.
Now its 20s against 120s before.
Here is changed part of /etc/init.d/vz

```
      for veid in $velist; do
          [ "${veid}" = "0" ] && continue
#          __echo "Starting VE ${veid}: "

 if [ "x${VZFASTBOOT}" = "xyes" -a "x${DISK_QUOTA}" = "xyes" ];
 then
      $VZQUOTA stat ${veid} >/dev/null 2>&1
      if [ $? -eq 6 ]; then
          if $VZQUOTA show ${veid} 2>&1 | grep "vzquota : ....................
              $VZQUOTA on ${veid} --nocheck >/dev/null
              need_restart="${need_restart} ${veid}"
          fi
      fi

#          msg=`$VZCTL start ${veid} 2>&1`


          /home/openvz/scripts/vzstart ${veid} >/tmp/vzstart_${veid}.log
          usleep 200000
```

```
#            if [ $? -eq 0 ]; then
#                    print_success
#            else
#                    print_failure "$msg"
#            fi
    done

    sleep 4

    for veid in $velist; do
     __echo "Starting VE ${veid}: "
     msg="`cat /tmp/vzstart_${veid}.log`"
            if [ ! -z "`echo \"$msg\"| grep SUCCESS`" ]; then
                    print_success
            else

                    print_failure "$msg"
            fi

    done

    for veid in ${need_restart}; do
            __echo "Stopping VE ${veid}: "

.................
```

/home/openvz/scripts/vzstart is

```
#!/bin/sh

sudo vzctl start $1
if [ $? -eq 0 ];then
echo SUCCESS
```

Had to write auxilluary script for tracking this status.
Also found out that need some interval between VPSs start anyway, cause simultaneous mounts give error for me(may be its only for loopback device mount). Should make interval 0.2 s, less is not good + sleep 4 (must be more then single vps start duration) after starting to make sure all

starts finished with log files and its ok to read status.
Actually it starts even faster then 20s - because "sleep 4" necessary only because of VPSs which launched last and because print_success function has its own sleep.

Subject: Re: Slow vz start/stop
Posted by Vasily Tarasov on Tue, 09 Jan 2007 09:09:51 GMT
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Hello,

Thanks for the report. I filled the bug about "sleep 1|
http://bugzilla.openvz.org/show_bug.cgi?id=431
so it will be fixed soon.

As concerns ${PARALLEL}... this is not good to fix the value...
but stop all VEs at once isn't good too...
So the question is open, please, leave your comments at bugzilla.

Vasily.

Subject: Re: Slow vz start/stop
Posted by Vasily Tarasov on Tue, 09 Jan 2007 09:21:43 GMT
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Probably this is a good idea to parallelize VEs start, but in a bit
other way. Please, go to the bug #431 and discuss it where.

Thanks,
Vasily.

Subject: Re: Slow vz start/stop
Posted by dagr on Tue, 09 Jan 2007 11:22:57 GMT
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will do - if any prob