Subject: KVM console
Posted by netmonky on Fri, 09 Feb 2018 17:55:33 GMT
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Hi All,

New to OpenVZ7. Initially I want to move some KVM's onto my node before having a play with templates. When I try and build a new KVM with the below basic virt-install, I am able to configure the the install via console, see the serial and console in a dumpxml, but as soon as the server reboots to finish install, the below is removed from the xml.

```
<serial type='pty'>
  <source path='/dev/pts/1'/>
  <target port='0'/>
  <alias name='serial0'/>
</serial>
<console type='pty' tty='/dev/pts/1'>
  <source path='/dev/pts/1'/>
  <target type='serial' port='0'/>
  <alias name='serial0'/>
</console>
```

dirt-install commands:

```
virt-install --virt-type kvm --name centos7 --ram 2048 \
--disk centos-7.qcow2,format=qcow2,size=30 \
--os-type=linux --os-variant=rhel7 \
--boot menu=on,useserial=on --serial pty \
--console pty,target_type=serial \
--nographics
--accelerate
--extra-args "console=tty0 console=ttyS0,115200n8 serial" \
--location=/vz/iso/CentOS-7-x86_64-Minimal-1708.iso \
--network network=Bridged
```

```
#  virsh list
 Id    Name                           State
----------------------------------------------------
 13    centos7                        running

# virsh console centos7
Connected to domain centos7
Escape character is ^]
error: internal error: cannot find character device <null>
```

can the above be achieved by prlctl ? I do not want to use vnc consoles, standard text console is

much easier for none GUI server instances . Any help is greatly appreciated

Subject: Re: KVM console
Posted by andre on Tue, 16 Jul 2019 19:11:05 GMT
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Hello,

Have you managed to find a solution?

We are experiencing the same difficult.

Thanks

Subject: Re: KVM console
Posted by vaverin on Thu, 18 Jul 2019 07:32:30 GMT
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Dear all,
you can use virsh for VM tuning, however please keep in mind that prlctl knows nothing about these changes,
and it can owerwrite them in any time.
prlctl allows you configure serial port as well, however I don't know how it's possible to provide kernel commandline arguments,
and I'm goign to clarify this question with our KVM developers.

thank you,
Vasily Averin

Subject: Re: KVM console
Posted by vaverin on Thu, 18 Jul 2019 07:42:17 GMT
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btw you can use kickstart to modify kernel commandline inside guest.
Or mount image of stopped VM on host and modify guests config files manually.