Subject: Execute Script on HN after VM Start
Posted by bigbohne on Sat, 27 Feb 2010 19:00:16 GMT

Hi there,

I've got a little problem that's driving me crazy.
Does someone of you know how to start a script in the hostnodes context AFTER the VM is up an running.

"<VEID>.mounts" - is executed before the vm starts in HN context
"<VEID>.start" - is executed after the vm stared. But in VM context.

My specs:
Debian Lenny
Kernel: 2.6.26-2-openvz-686
vzctl version 3.0.22

Thanks for any help!
Bigbohne

Subject: Re: Execute Script on HN after VM Start
Posted by mcarreira on Mon, 01 Mar 2010 23:20:22 GMT

I think there is not a custom way of doing that. You must be inventive

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Subject: Re: Execute Script on HN after VM Start
Posted by TheStig on Thu, 04 Mar 2010 08:45:55 GMT

You could include a script at the end of the mount-script that sleeps for a couple of seconds, checks if the VPS has started up correctly (using vzlist) and does whatever you want it to do on the HN.

Subject: Re: Execute Script on HN after VM Start
Posted by maratrus on Thu, 04 Mar 2010 08:54:00 GMT

It can be performed in the same way as on a common Linux machine.
Just put whatever you want to do in /etc/rc.local.

Subject: Re: Execute Script on HN after VM Start
Posted by TheStig on Thu, 04 Mar 2010 09:17:52 GMT
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he want's his script exec after the start of a VPS on the HN not the VPS. I don't see how the init-scrips could help him with that?!

Subject: Re: Execute Script on HN after VM Start
Posted by bigbohne on Thu, 04 Mar 2010 09:34:59 GMT
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TheStig wrote on Thu, 04 March 2010 03:45You could include a script at the end of the mount-script that sleeps for a couple of seconds, checks if the VPS has started up correctly (using vzlist) and does whatever you want it to do on the HN.

I think this is the best method.
My first aproche was to modify the script in the init.d folder which executes a script after the start of a specific VM.

I will post some sample code and try to add in into the wiki for further use

Thanks alot,
Bigbohne

Subject: Re: Execute Script on HN after VM Start
Posted by TheStig on Thu, 04 Mar 2010 12:22:54 GMT
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let me save you the trouble:

/etc/vz/conf/103.mount

```
#!/bin/bash
. /etc/vz/start_script/103.sh &
disown
exit 0
```

/etc/vz/start_stript/103.sh

```
#!/bin/bash
_sleep() {
sleep 4
status=(`/usr/sbin/vzctl status 103`)
x=1
until [ $x == 6 ] ; do
```

```
sleep 1
 if [ ${status[4]} == "running" ] ; then
  CMD
  MORE CMD
  exit 0
 else
  x=`expr $x + 1`
 fi
done
}
_sleep
```

The latter would wait once for five seconds and then try it again every second for five times.

Alternatively, if you want to wait forever, use

```
#!/bin/bash
sleep 5
_sleep() {
status=(`/usr/sbin/vzctl status 103`)
if [ ${status[4]} == "running" ] ; then
 CMD
 MORE CMD
 exit 0
fi
sleep 1
_sleep
}
_sleep
```

Subject: Re: Execute Script on HN after VM Start
Posted by bigbohne on Thu, 04 Mar 2010 15:39:29 GMT

Oh, thank you very much!

How about an wiki entry?
Maybe in the Howto-Section.
I think that more than one people would be interested in this solution.

regards,
bigbohne

Subject: Re: Execute Script on HN after VM Start

Posted by TheStig on Thu, 04 Mar 2010 15:53:33 GMT

if you think somebody else could need that piece of bashscript feel free to amend the wiki.

beware: the "disown" command is afaik absolutely necessary. otherwise vzctl won't resume the start command until the secondary script finished exec.