Subject: bash script to build kernels for Debian
Posted by coolcold on Sun, 29 Apr 2012 20:55:02 GMT
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Hello!

I've created script for myself to build Debian packaged kernels from
source in semi-automated way. Works for me, may be useful for others.

For building current stable version one just need to start script - it
will download kernel, patch, config and do compiliation.

Code is located on github and is accessible via
https://github.com/CoolCold/tools/blob/master/openvz/kernel/ create-ovz-kernel-for-debian.sh.

--
Best regards,
[COOLCOLD-RIPN]

Subject: Re: bash script to build kernels for Debian
Posted by kir on Thu, 03 May 2012 05:11:55 GMT
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On 04/30/2012 12:55 AM, CoolCold wrote:
> Hello!
>
> I've created script for myself to build Debian packaged kernels from
> source in semi-automated way. Works for me, may be useful for others.
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> https://github.com/CoolCold/tools/blob/master/openvz/kernel/ create-ovz-kernel-for-debian.sh.
>

Looking good, thanks. Are you satisfied with the kernel you have this
way? I mean, are you using it in production, how many nodes etc.

A few minor suggestions for the script itself:

1. "#checking packages" better be moved before read -t 10, no need to
wait then see that we can't build

2. s/$(fgrep processor /proc/cpuinfo|wc -l)/$(grep -cw ^processor
/proc/cpuinfo)/

3. print_usage could be improved to not hardcode current defaults but
take it from KERNELINFO

---

Subject: Re:  bash script to build kernels for Debian
Posted by coolcold on Thu, 03 May 2012 21:16:57 GMT
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On Thu, May 3, 2012 at 9:11 AM, Kir Kolyshkin <kir@openvz.org> wrote:
> On 04/30/2012 12:55 AM, CoolCold wrote:
>>
>> Hello!
>>
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>>
>
> Looking good, thanks. Are you satisfied with the kernel you have this way? I
> mean, are you using it in production, how many nodes etc.
Servers with kernel built exactly with this script in production which
I have is 3 and one of friend of mine (not much load, just 3 VEs for
tests), this number going to increase twice soon. But in general I'm
using kernels build with make-kpkg since 2008 .

>
> A few minor suggestions for the script itself:
>
> 1. "#checking packages" better be moved before read -t 10, no need to wait
> then see that we can't build
>
> 2. s/$(fgrep processor /proc/cpuinfo|wc -l)/$(grep -cw ^processor
> /proc/cpuinfo)/
1 & 2 done -  https://github.com/CoolCold/tools/commit/a5a56976fb84de9c691
4072daa8daadad7d358bf

>
> 3. print_usage could be improved to not hardcode current defaults but take
> it from KERNELINFO

Not sure got your point about 3 - I'm considering that usage output as
some reference in general, not as exact values, that's why it contains

lines like:
  echo "-R <rhelid> - specifies rhel version id, now latest rhel is 6,
previous was 5."
to make people know - it may be such or other way. Turning back to
your suggestion I think I can print default values at the end, like:
  echo "-R <rhelid> - specifies rhel version id, now latest rhel is 6,
previous was 5. [Default is: ${KERNELINFO["rhelid"]} ]"
what do you think about this?

>
--
Best regards,
[COOLCOLD-RIPN]