Subject: Does kernel 2.6.18-028stab035.1-ovz-enterprise have drbd module enabled?
Posted by ggonzalez on Fri, 27 Jul 2007 13:54:02 GMT
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Hi,

Apparently, this kernel released via systs.org does not have the drbd module enabled.

Does anybody know an openvz kernel package for Debian Etch, that has drbd enabled?

Oh, and that supports more than 4GB RAM, on Intel 686 architecture.

Thanks and regards,
Gustavo.

Subject: Re: Does kernel 2.6.18-028stab035.1-ovz-enterprise have drbd module enabled?
Posted by khorenko on Mon, 30 Jul 2007 09:31:36 GMT
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Hello Gustavo,

well, it looks like Debian Etch kernels located on debian.systs.org really don't have drbd module.
i'm going to ask Thorsten Schifferdecker about the reasons but at the moment you have 2 options:
1) build a custom kernel - http://wiki.openvz.org/Installation_on_Debian
2) take one of kernel rpms from http://openvz.org/download/kernel
They do have drbd compiled.

Thank you,
Konstantin.

Subject: Re: Does kernel 2.6.18-028stab035.1-ovz-enterprise have drbd module enabled?
Posted by curx on Wed, 01 Aug 2007 03:29:29 GMT
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Viva,

sorry for a delay, i'm on vacation, but here a fast explanation:

the debian linux-kernel images at debian.systs.org (dso) has no drbd module, why:

* drbd version in the kernel-patch of OpenVZ is a drbd8,
which can be used in debian stable only which backported drbd8(-util) packages !!!

* drbd (and others) module are build in debian with seperate out-of-kernel-tree seperate packages :
debian stable aka etch -> drbd0.7-kernel-source
debian testing aka lenny -> drbd8-module-source.
(-> http://packages.debian.org/cgi-bin/search_packages.pl?keywords=drbd&searchon=names&subword=1&version=all&amp ;release=all)

a little howto to build a drbd-kernel-module (debian-way)

0) pre: you need root permissions, build it as user root or use sudo !

1) fetch the needed packages
sudo aptitude install drbd0.7-module-source <your linux-headers-ovz-version, example linux-headers-2.6.18-028stab035.1-ovz-enterprise>

2) build a drbd-kernel-mod-debian-package
sudo m-a -tqk /usr/src/linux-headers-2.6.18-028stab035.1-ovz-enterprise build drbd0.7

3) install it
after successfull build, a debian package of drbd located in /usr/src/ and install it with
sudo dpkg -i /usr/src/drbd0.7-...