Subject: Re: Building OpenVZ kernels is very difficult
Posted by dim on Mon, 21 May 2007 08:13:47 GMT
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Alexey Eremenko wrote on Sun, 20 May 2007 16:33OK, so problems:
1. Official Documentation is very RedHat-centric. I see that as a disadvantage. It's OK to be both specific *and* generic, but specific-only !?! Is there any documentation more Linux-generic ?

It is because of historical reasons. Check wiki, it contains a lot of articles for other distribs. But you are right, there is a lack of Suse-related documentation. Please, help and expand.

2. Kernel package provided officially doesn't install:

Quote:
opensuse:/home/tux # rpm -ivh kernel-2.6.20-ovz005.1.i686.rpm.rpm
warning: /E/Lin-Install/openvz/kernel-2.6.20-ovz005.1.i686.rpm.rpm: Header V3 DSA signature:
NOKEY, key ID a7a1d4b6
error: Failed dependencies:
        initscripts >= 5.83 is needed by kernel-2.6.20-ovz005.1.i686
        mkinitrd >= 3.5.5 is needed by kernel-2.6.20-ovz005.1.i686
NOTE: initscripts packages doesn't exist on SUSE.

As Rick already explained, this is because of rpm issue. Use '--nodeps' flag.

Quote:
3. The newest ovz patch (and kernel-2.6.20) doesn't compile at all. See:

  http://forum.openvz.org/index.php?t=tree&th=2446&mid =12649&&rev=&reveal=
http://bugzilla.openvz.org/show_bug.cgi?id=545

git-kernel may have compilation issues, it is development process. I advice to use tagged versions. As for 2.6.20 version, it's development and stabilization is low priority task for now, that's why its fixes are so late.

Quote:
4. The patch that compiles on 2.6.18 fails to start "vzmon" LKM.

Please, fill the bug with more info on it.

Quote:
5. The kernels that I found for openSUSE-ovz also failed to start "vzmon" LKM.

Strange issue too. Please, post more info on what kernel do you use, what commands did you try, and what were info in 'dmesg'.

Quote:
You see? No matter what I did, all failed. I have tried many times on compiling both 2.6.18 and 2.6.20 kernels... no success so far. 2.6.20 doesn't compile at all, while with 2.6.18 the vzmon

service fails.

about Suse support. OpenVZ's openSUSE kernels are out-of-date - they were built for openSUSE 10.0 and most probably, do not support the latest hardware and features, present in openSUSE 10.2. But they are quite operational (for example, one of it were run on my workstation more than half of the year without any issue), and I'm wondered why do you have so many issues with them.