Subject: Re: Kernel panic when booting with Ubuntu OpenVZ kernel
Posted by mmcfarland on Fri, 07 Nov 2014 02:38:09 GMT

I apologize for coming off brash. However, I still believe without a shadow of a doubt that openvz does not (and should not) support linux operating systems that run on a later kernel version.

Looking at Ubuntu releases -en.wikipedia.org/wiki/List_of_Ubuntu_releases - it appears the Ubuntu 14 runs off of kernel 3.5 - that does mean that apt-get package manager is assuming you are running kernel 3.5, in fact any processes or services running under ubuntu 14 are assuming kernel 3.5 - which has a different architecture than 2.6.

openvz is assuming kernel 2.6 - I don't think you have to be a senior consulting software engineer or lead technical system administrator to understand what I am saying. I never said openvz was terrible, I just said the kernel that it uses as its framework is old.   To say that it is not old because RHEL 6.6 uses 2.6 is not relevant to the fact that many linux distros are running on a new kernel. Also you must take into account that as time goes on techniology 'upgrades' faster and faster.

If you look at linux 3.9 it already supports virtualization - so we could theoretically create a much more robust openvz that did not need to hack the kernel. this would be ideal I think.

Anyway, I tried to say it short, but hoping that my explanation above should more than prove that ubuntu 14 and openvz don't mix. I would stick to RHEL 6.6 or perhaps centos 6.4

Thanks