Subject: Re: Linux version host/guest
Posted by jmelyn on Sat, 01 Mar 2008 10:08:16 GMT
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First of all, I want to thank you all spending time to explain things.

As I understand, the guests run the same kernel as their host. I've read that it was possible to run different distros on the same host, but the restriction of the kernel was not clearly written. Now it's simpler: If we need to upgrade the kernel of a guest, we have to upgrade the host and then all the guests will be automatically upgraded. Is that correct? This is another constraint: If we want to upgrade the kernel, we have to wait you (as the OpenVZ developers) make the new ovzkernel package available. Fortunately we use a RHEL5 based distro and last time the package has been out just one month after the official RedHat update.

Some information about what I do:
We need to be able to install, re-install, update or retrieve previous installations in an easy and automatic way because we have many, many servers. At the present moment I have almost finished the scripts of installation, with all our specific stuff. It can be very fast: Less than one minute for a full installation and start of a guest. Installation of a host is now automatic with its guest installations (common and specific stuff); creation of the default cache is done as well. Changing the automatic installation of a guest from one host to another is just changing a sym link. I've not yet made a GUI, but others sys admins are fond of script commands .

Next steps will be: (1) dynamic management of guest resources, (2) alarms and (3) check-pointing. So you will receive questions from time to time, sometime just stupid...