
Subject: Re: Linux version host/guest
Posted by [jmelyn](#) on Fri, 29 Feb 2008 10:35:05 GMT
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Thank you again, Pavel, for your precise answer.

I'm afraid this open my mind and finally I have another question. If we decide to switch to OpenVZ for our ~ 150 servers, we need to manage them in an easy, logical manner.

Imagine we got hosts and guests running fine. One day a kernel update is available for guests and we would like to spread this new version.

We have two possibilities to make the update:

1) We make a new guest cache and re-install all servers, one by one. It seems to be less than a minute for each guest to be re-installed. Brute force, local data must be saved-restored. This is the static way of updating: `/etc/vz/conf/<guest_id>.conf` provides the kernel version.

2) We use `vzyum` (or `vzrpm`) from each host to update all guests. This solution is not possible as we run a 64 bit OS (based on RHEL 5.1) and `vzyum` (or `vzrpm`) cannot be installed. So we enter each guest from hosts and make the update from inside (`yum` or `rpm`). This is the dynamic way of updating: the config file does not give the kernel version and we have to check it.

So here is my question: Is the dynamic kernel update is possible (then how check Linux version?), usable and used? Or the static way is a better solution even if there is a bit more work...
