Subject: Re: [how-to] allocating disk quota / memory / cpu
Posted by zoom on Mon, 17 Apr 2006 22:17:43 GMT

So, what is softlimit? why we use it?

  The purpose of a softlimit is to set a limit, however that limit can be exceeded based on the quotetime, or grace period. Soft limits are important because they allow processes to continue even though a limit has been exceeded. Think of it as a early warning, because once the hardlimit, or grace period has been reached that's it.

example: 4GB quota for VPS 100
 Remember that disk quota block size for OpenVZ is 1024 Bytes

   vzctl set 100 --diskspace 4194304:4718592
    (VPS 100 softlimit 4G, hardlimit 4.5G)

   vzctl set 100 --quotatime 86400
    (VPS 100 can exceed the softlimit for 1 day)

Look at the user guide again it's very good and explaining how quotas are used in OpenVZ.