Subject: Re: configuration needed for P4 2GHz 1GB RAM and 2GB swap
Posted by dowdle on Sat, 18 Aug 2007 18:53:31 GMT
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Just to clarify about the vps.basic sample. It is my understanding that the values you will find there were meant to split a reasonably fast machine with 2GB of RAM into 120 VPSes. The vps.light one was designed for 320 VPSes.

The basic will run most of the default OS Templates just fine... that include sshd and apache but not much else. If you add PHP and/or a database... and/or other services, you'll definitely need to up the resources... and yes, vzsplit is a good place to start with creating custom config files... but you'll still need to monitor the VPSes you create for a while and up any values as needed... until you get to a place where you don't have any failures. This might be problematic on systems that have periodic spikes, but since resources are dynamic, resources can be increased during a spike and reduce after it is over. Currently it is a very manual process.

The basic and light samples are very lean on purpose. It makes sense to start light and increase resources as needed... rather than starting with arbitrarily high values and expecting users to scale back resources. How much memory should we assume a machine has and how fast of a CPU? vzsplit will take a look and generate a config sample specifically for your hardware.

The good thing is that OpenVZ really excels in DYNAMIC resource management... and you can tweak all of the values without having to restart your VPS. None of the other virtualization products out there offer much in the way of resource management much less dynamic resource management.