Subject: Dream Request - IO Limiting per process
Posted by bjdea1 on Wed, 25 Jun 2014 04:34:15 GMT
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Hi,

I really like the iolimit feature you've added recently to OPENVZ as it gives more control over VPS's.

But one BIG thing missing is the ability to set a VPS's process IOLIMIT. I often have VPS's running just a single process that eats up IO bandwidth, e.g. virus scanner or backup process etc. I can now at least keep the rest of the node happy by limiting the single VPS's overall IOLIMIT, however that leaves the single VPS with high loads and having all its other processes severely affected.

I am requesting the ability to set something like a PROCIOLIMIT (process IOLIMIT) which would set the maximum allowed IO bandwidth for any process running within the VPS. That way you could prevent a single process from eating up all the IO bandwidth inside a VPS, thereby allowing other processes to keep running.

Really hope this can be added in future. It sure would really enhance OPENVZ as no other VIRTUALIZATION platform offers this kind of fine tuning.