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Subject: Disk IO priority with multiple VE containers and HDDs.

Posted by [VE4FUN](#) on Thu, 18 Aug 2011 07:57:30 GMT

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Hello,

I have OpenVZ node with multiple disks (12), node has multiple VE containers (30). Each HDD is shared between 2 - 4 VE.

It usually happens that 1 VE can utilise complete HDD and kill disk performances for other VE containers located on same HDD.

for example:

HDD-1

VE: 101, 102, 103

HDD-2

VE: 104, 105, 106, 107

...

Now when VE 103 overuses HDD-1 only affected is HDD-1, Having global IO priority will mean that if HDD-2 containers are idle, HW will think that overall there is no disk over-usage, because total disk usage of HDD-1 + HDD-2 is nowhere near limits, but truth is something else, VE103 already reached HDD-1 disk IO limit and HW will do nothing to prevent it from doing that.

IO priority might work on single HDD but with multiple HDDs I doubt it serves the purpose.

Does anybody know any working solution for this ?

Kind Regards,  
VE4FUN

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