Subject: possible to build vzquota file after VE has started?
Posted by rickb on Mon, 23 Jul 2007 18:22:11 GMT
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Hi, I want to start a new VE without vzctl invoking 'vzquota on VEID x x x x xx'. Is it possible to start the VE without any quota support and then build the quota while the VE is running, and have the quota be sane after it is built?

The idea is to start a VE very quickly and not care about quota enforcement in the very short term but still have it enforced as normal later.

Rick

Subject: Re: possible to build vzquota file after VE has started?
Posted by vaverin on Tue, 24 Jul 2007 03:43:43 GMT
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Rick,

It looks like I do not understand your question correctly:

Usually quota is saved into quota-file on VE stop and restored on next VE start. They are fast operations and as far as I understand your optimization is not required here.

Quota is recalculated on the first VE boot and in some other rare cases when quota-file has not been saved correctly on VE stop.
But IMHO it is really rare cases and therefore your optimization is not make big sense here too.

Am I miss something? Could you plese explain your Idea to me more detailed?

Thank you,
Vasily Averin

Subject: Re: possible to build vzquota file after VE has started?
Posted by rickb on Tue, 24 Jul 2007 04:11:44 GMT
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Hi, on the very first VE start, after template unpacking, the quota is calculated on start, agree?

I wish to skip the initial quota calculation and calculate it later, after the VE has been started for the first time.

Rick

Subject: Re: possible to build vzquota file after VE has started?
Posted by vaverin on Tue, 24 Jul 2007 04:38:41 GMT
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Ok,

thank you, I'm understand.
I'm agree, it looks reasonable

thank you,
Vasily Averin

Subject: Re: possible to build vzquota file after VE has started?
Posted by rickb on Wed, 25 Jul 2007 16:56:24 GMT
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Hi Vasily, do you have any suggestions on how I can accomplish my idea?

Rick

Subject: Re: possible to build vzquota file after VE has started?
Posted by vaverin on Thu, 26 Jul 2007 01:05:20 GMT
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Hi Rick,

Currently it is not possible, and we cannot improve this feature quickly by some simple method.

Therefore we'll keep your idea in mind and will think how to implement this feature in next versions of vzctl/vzquota.

We cannot remove quota calls or move it to some other place -- because it is not help and it just move delay in other place.
However it make sense to think how to make asynchronous the quota initialization procedure.

Thank you,
Vasily Averin

Subject: Re: possible to build vzquota file after VE has started?
Posted by rickb on Thu, 26 Jul 2007 01:07:00 GMT
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Excellent, thanks. One of my os templates is 2.5GB with tons and tons of files. It takes a while to

calculate quota.

Rick

Subject: Re: possible to build vzquota file after VE has started?
Posted by rickb on Sun, 29 Jul 2007 21:37:30 GMT
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vaverin,

do you think it is possible to calculate the quota of the template, save it somewhere, then copy it to /var/vzquota/quota.VEID right before creating VEID?

[root@nickel ~]# strings /var/vzquota/quota.9890031
/vz/private/9890031
[root@nickel ~]#

can we replace that somehow?

Rick
