
Subject: Resource limit question

Posted by [Romeo Theriault](#) on Sat, 27 Jan 2007 05:34:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi, I've fairly recently started using Openvz on a server I manage, and have been very pleased with it thus far. Thank you for making this project freely available.

The server I am working with has a dual-core AMD64 cpu with 2 gigs of ram with the sata hard-drives in a Raid 1. I've split up the config files using `vzsplit -n 12 -s 0 -f vps.mytest`, evenly splitting up the hardware resources.

In one of the vps's I'm running a database, in a few others I'm running some web-based applications, etc...

Slowly I've been noticing different vps's are trying to allocate more than their share of the resources occuring in counts to the `user_beancounter` file.

So I'll go in and allocate more resources to the specified parameter of the overreaching vps, and this seems to work fine.

But my question is, is this a good idea? If so how much "extra" resources are recommended to allocate to these VPS's that want more? I am not wanting to affect the stability of the other VPS's by allocating more than needed to any one given VPS.

I guess I'm looking for suggestions/recommendeds on how other people deal with this. Do I just need to allocate less total VPS's to this machine. As well as possible pointers to better documentation on this than the User Guide provides.

Thanks,

Romeo

Subject: Re: Resource limit question

Posted by [kir](#) on Sat, 27 Jan 2007 23:40:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

Romeo Theriault wrote:

> Hi, I've fairly recently started using Openvz on a server I manage, and have
> been very pleased with it thus far. Thank you for making this project freely
> available.

>

> The server I am working with has a dual-core AMD64 cpu with 2 gigs of ram

> with the sata hard-drives in a Raid 1. I've split up the config files using
> vzsplitt -n 12 -s 0 -f vps.mytest, evenly splitting up the hardware
> resources.
>
> In one of the vps's I'm running a database, in a few others I'm running some
> web-based applications, etc...
>
> Slowly I've been noticing different vps's are trying to allocate more than
> their share of the resources occuring in counts to the user_beancounter
> file.
>
> So I'll go in an allocate more resources to the specified parameter of the
> overreaching vps, and this seems to work fine.
>
> But my question is, is this a good idea? If so how much "extra" resources
> are recommended to allocate to these VPS's that want more? I am not wanting
> to affect the stability of the other VPS's by allocating more than needed to
> any one given VPS.
>
> I guess I'm looking for suggestions/recommendeds on how other people deal
> with this. Do I just need to allocate less total VPS's to this machine. As
> well as possible pointers to better documentation on this than the User
> Guide provides.
>
The doc you need is http://wiki.openvz.org/UBC_systemwide_configuration
The utilities that will be helpful in this case are vzmamcheck and vzcalc.

Subject: Re: Resource limit question

Posted by [Romeo Theriault](#) on Sun, 28 Jan 2007 15:55:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Sun, 28 Jan 2007 02:40:22 +0300, "Kir Kolyshkin" <kir@openvz.org>
said:

> Romeo Theriault wrote:

> > Hi, I've fairly recently started using Openvz on a server I manage, and have
> > been very pleased with it thus far. Thank you for making this project freely
> > available.

> >

> > The server I am working with has a dual-core AMD64 cpu with 2 gigs of ram
> > with the sata hard-drives in a Raid 1. I've split up the config files using
> > vzsplitt -n 12 -s 0 -f vps.mytest, evenly splitting up the hardware
> > resources.

> >

> > In one of the vps's I'm running a database, in a few others I'm running some
> > web-based applications, etc...

> >

> > Slowly I've been noticing different vps's are trying to allocate more than

> > their share of the resources occurring in counts to the user_beancounter
> > file.
> >
> > So I'll go in an allocate more resources to the specified parameter of the
> > overreaching vps, and this seems to work fine.
> >
> > But my question is, is this a good idea? If so how much "extra" resources
> > are recommended to allocate to these VPS's that want more? I am not wanting
> > to affect the stability of the other VPS's by allocating more than needed to
> > any one given VPS.
> >
> > I guess I'm looking for suggestions/recommendeds on how other people deal
> > with this. Do I just need to allocate less total VPS's to this machine. As
> > well as possible pointers to better documentation on this than the User
> > Guide provides.
> >
> The doc you need is http://wiki.openvz.org/UBC_systemwide_configuration
> The utilities that will be helpful in this case are vzmemcheck and
> vzcalc.
Great! Thank you.

Romeo
