

---

Subject: Re: running with no limits?

Posted by [Kirill Korotaev](#) on Wed, 09 Jul 2008 06:17:36 GMT

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

---

You just need to set maximum values to barrier/limits and VM will be essentially unlimited. Check /proc/user\_beancounters to see how host VM is limited with "unlimited" values (i.e. highest possible limit value).

3 notes:

1. max limit is different on x32 and x64 machines
2. both barrier and limit must be set to these values.
3. in such a configuration if a global memory shortage happens out-of-memory killer kills some app as in native Linux system.

Thanks,  
Kirill

Steve Wray wrote:

> No answers? Its been a while...

>

> We have a bunch of openvz VMs, nothing 'in production'. The host has 4G  
> of RAM. I want all the VMs to have access to 4G of RAM and all the  
> sockets and other stuff that they may need at any time; I don't have  
> time to carefully tune the parameters of all of them to just what they  
> need and no more.

>

> I don't mind or care that they are over-committed I just want them to  
> have max resources.

>

> Thanks

>

> Steve Wray wrote:

>> Hi there,

>>

>> I have a server running OpenVZ with several VMs running on it.

>>

>> At the moment I have to specify various limits to each VM  
>> configuration and, when they hit their limits strange things can happen.

>>

>> Ideally I'd let them all have full access to all the resources  
>> available on the physical server. They can fight it out among  
>> themselves if they want to compete for the resources. Most of these  
>> VMs are quiescent and not actually doing much at all most of the time  
>> anyway.

>>

>> I've not been able to figure out how to configure OpenVZ like this  
>> though. Is it something I have to set in each VM config file? Or is it

>> a server-wide thing?

>>

>> Any ideas?

>>

>> Thanks!

---