Posted by Kirill Korotaev on Wed, 09 Jul 2008 06:17:36 GMT
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You just need to set maximum values to barrier/limits and VM will be essentially uinlimited.
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!