Subject: cpulimit - core / CPU?
Posted by hkendusers on Wed, 08 Jul 2015 09:46:39 GMT
View Forum Message <> Reply to Message

Hi all,

while I man vzctl, the manual shows below:

     --cpulimit num[%]
          Limit of CPU usage for the container, in per cent. Note if the computer has 2 CPUs, it
has total of 200% CPU time. Default CPU limit is 0 (no CPU limit).

In https ://openvz.org/Resource_shortage#cpulimit , it specifies "In a quad-core server, setting
cpulimit to 100 permits a container to consume one entire core (and not 100% of the server)."

If a computer has a ONE i3-3220 that is 2 cores 4 threads CPU, so whether it has 200% cpulimit?
Or according to "man vzctl" it is still 100% cpulimit because it is 1 CPU?

Subject: Re: cpulimit - core / CPU?
Posted by hkendusers on Mon, 13 Jul 2015 06:37:00 GMT
View Forum Message <> Reply to Message

can anyone help to clarify it?

Subject: Re: cpulimit - core / CPU?
Posted by samip537 on Tue, 21 Jul 2015 01:34:19 GMT
View Forum Message <> Reply to Message

hkendusers wrote on Wed, 08 July 2015 12:46Hi all,

while I man vzctl, the manual shows below:

     --cpulimit num[%]
          Limit of CPU usage for the container, in per cent. Note if the computer has 2 CPUs, it
has total of 200% CPU time. Default CPU limit is 0 (no CPU limit).

In https ://openvz.org/Resource_shortage#cpulimit , it specifies "In a quad-core server, setting
cpulimit to 100 permits a container to consume one entire core (and not 100% of the server)."

If a computer has a ONE i3-3220 that is 2 cores 4 threads CPU, so whether it has 200% cpulimit?
Or according to "man vzctl" it is still 100% cpulimit because it is 1 CPU?

My guess whould be that it's 400% as 4 threads.