
Subject: Issue with UCB limits

Posted by [Mistery](#) on Mon, 08 Mar 2010 09:21:49 GMT

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Hi,

I have issues with setting UCB limits for a VPS. Currently I have issues with the following parameters:

uid	resource	held	maxheld	barrier	limit	failcnt
200:	kmemsize	19711348	24053499	62914560	75497472	1806
	privvmpages	1555913	1573874	1572864	1572864	3612614
	tcpsndbuf	356160	1477760	4292608	8388608	329887
	tcprcvbuf	567872	4311232	4292608	8388608	478431

and current settings are

KMEMSIZE="62914560:75497472"

TCPSNDBUF="4292608:8388608"

TCPRCVBUF="4292608:8388608"

PRIVVMPAGES="1572864:1572864"

Any hint on settings proper values ?

Subject: Re: Issue with UCB limits

Posted by [maratrus](#) on Fri, 12 Mar 2010 15:10:44 GMT

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Hello,

it's difficult to answer what values of UCB must be set in your case. The only thing we can observe is that you were lack of "kmemsize", "tcpsndbuf", "tcprcvbuf", and "privvmpages". The proper values of these parameters depend on applications running inside the CT.

There are several ways to solve your problem:

- the first one is simply increase all values or just set them unbounded from above.
 - the second approach is temporary set them unbounded from above and run all desired applications inside CT. Values in maxheld column help you to estimate the upper limits.
 - Read an article http://wiki.openvz.org/UBC_systemwide_configuration and other links provided there to examine the problem thoroughly.
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