Subject: *SOLVED* vzcfgvalidate and "cat /proc/user_beancounters" show different results
Posted by tirukill on Fri, 28 Dec 2007 07:42:32 GMT
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I use command vzcfgvalidate to check is the conf file correct or not like in guide.

I receive follow results:
vzcfgvalidate /etc/vz/conf/808.conf
Error: tcpsndbuf.lim-tcpsndbuf.bar should be > 768000 (currently, 1000)
Error: othersockbuf.lim-othersockbuf.bar should be > 409600 (currently, 40000)
Warning: tcprcvbuf.lim-tcprcvbuf.bar should be > 768000 (currently, 1000)

BUT, in conf file:
TCPSNDBUF="769000:770000"
TCPRCVBUF="769000:770000"
OTHERSOCKBUF="409600:449600"

and command # vzctl exec 808 cat /proc/user_beancounters
Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
808:	kmemsize	749599	1104869	15000000	15000000	0
	lockedpages	0	0	32	32	0
	privvmpages	5248	7259	500000	500000	0
	shmpages	2564	2564	8192	8192	0
	dummy	0	0	0	0	0
	numproc	12	16	320	320	0
	physpages	2026	3576	0	2147483647	0
	vmguarpages	0	0	6144	2147483647	0
	oomguarpages	2026	3576	6144	2147483647	0
	numtcpsock	4	5	300	300	0
	numflock	1	2	100	110	0
	numpty	0	0	16	16	0
	numsiginfo	0	2	256	256	0
	tcpsndbuf	0	0	769000	770000	0
	tcprcvbuf	0	0	769000	770000	0
	othersockbuf	6696	11160	409600	449600	0
	dgramrcvbuf	0	6696	132096	132096	0
	numothersock	4	6	160	160	0
	dcachesize	0	0	3145740	3155728	0
	numfile	281	375	8192	8192	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	10	10	128	128	0

What's wrong ?

Subject: Re: vzcfgvalidate and "cat /proc/user_beancounters" show different results
Posted by maratrus on Fri, 28 Dec 2007 08:18:51 GMT
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Hi,

1. Quote:(tcpsndbuf.lim-tcpsndbuf.bar) - is the difference of that values.
Sign "-" means minus. So your difference equals to tcpsndbuf.lim-tcpsndbuf.bar = 770000 - 769000 = 1000

2. The good explanation of this demand you can find at this page
http://wiki.openvz.org/UBC_consistency_check#Send_buffers_should_have_enough_space_for_all_sockets

2. I agree with you that the form of this error is not quite convenient and can be misleading.

Thank You!

Subject: Re: vzcfgvalidate and "cat /proc/user_beancounters" show different results
Posted by tirukill on Fri, 28 Dec 2007 08:25:58 GMT
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Thanks a lot!

P.S.

May be to write for example
tcprcvbuf.lim-tcprcvbuf.bar should be > 768000 (currently, 769000-768000=1000) will be more clear?

Subject: Re: vzcfgvalidate and "cat /proc/user_beancounters" show different results
Posted by maratrus on Fri, 28 Dec 2007 08:55:59 GMT
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Hi,

Many thanks for your note. Please look at this page
http://bugzilla.openvz.org/show_bug.cgi?id=769

Subject: Re: vzcfgvalidate and "cat /proc/user_beancounters" show different results
Posted by tirukill on Fri, 28 Dec 2007 10:50:16 GMT
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excellent !
I hope they'll do it)