Subject: numfile fails even when limit and barrier are set to 9223372036854775807
Posted by disaster on Wed, 03 Mar 2010 08:59:12 GMT
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Hi!

In one of my VPS i need a lot of open files in parallel. I've set the numfile barrier and limit to 9223372036854775807.

but cat /proc/user_beancounters shows failures above 16384:
cat /proc/user_beancounters
Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
141:	kmemsize	17869660	36533399	107374182	118111601	0
	lockedpages	0	15	32	32	120
	privvmpages	326612	880155	3145728	3303014	0
	shmpages	10626	99366	131072	131072	0
	dummy	0	0	0	0	0
	numproc	102	177	400	400	0
	physpages	75508	365419	0	9223372036854775807	0
	vmguarpages	0	0	524288	9223372036854775807	0
	oomguarpages	75508	365660	524288	9223372036854775807	0
	numtcpsock	15	201	2050	2050	0
	numflock	9	17	100	110	0
	numpty	1	2	16	16	0
	numsiginfo	0	58	256	256	0
	tcpsndbuf	261600	2803784	19603422	28000222	0
	tcprcvbuf	245760	2524784	19603422	28000222	0
	othersockbuf	46240	324560	1048576	1509376	0
	dgramrcvbuf	0	115672	132096	132096	2
	numothersock	31	93	180	180	0
	dcachesize	4072443	8456996	16777216	17563648	0
	numfile	4773	16384	9223372036854775807	9223372036854775807	1324
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0

numiptent	2393	2925	4000	4000	0

Kernel: RHEL 5 2.6.18-067.4

Stefan

Subject: Re: numfile fails even when limit and barrier are set to 9223372036854775807
Posted by maratrus on Thu, 04 Mar 2010 08:48:14 GMT
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Hello,

have you had any problems with your application since barrier and limit were drastically increased? If no, please read the following article
http://wiki.openvz.org/UBC_failcnt_reset

Subject: Re: numfile fails even when limit and barrier are set to 9223372036854775807
Posted by disaster on Thu, 04 Mar 2010 09:06:42 GMT
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Hi!

I'vre already restarted the whole container and some apps are still failing and failcnt is raising very fast. Why is there a barrier at 16XXX ?

Stefan

Subject: Re: numfile fails even when limit and barrier are set to 9223372036854775807
Posted by disaster on Mon, 08 Mar 2010 12:13:15 GMT
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Still nobody?

Also filed a bug report here:
http://bugzilla.openvz.org/show_bug.cgi?id=1446
