Subject: Negative vm_rss
Posted by rema on Wed, 29 Nov 2006 09:02:48 GMT
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Hello there
I run and openvz based system for 14days now.
Yesterday this starts :

[root]# Nov 29 10:06:30 MYSYS kernel: Negative vm_rss: process pid 20999 comm avbasestest flags 4, vma e35c76f4 b7b26000-b7b43000 00000000 rss 1 freed 29
Nov 29 10:06:30 MYSYS kernel: flags 100075, ub 221
Nov 29 10:06:30 MYSYS kernel: [<c016966f>] warn_bad_zap+0xff/0x120
Nov 29 10:06:30 MYSYS kernel: [<c0169764>] unmap_page_range+0xd4/0xf0
Nov 29 10:06:30 MYSYS kernel: [<c01698a0>] unmap_vmas+0x120/0x250
Nov 29 10:06:30 MYSYS kernel: [<c016f601>] exit_mmap+0xa1/0x1a0
Nov 29 10:06:30 MYSYS kernel: [<c0128cd0>] mmput+0x60/0xb0
Nov 29 10:06:30 MYSYS kernel: [<c012efe1>] do_exit+0x181/0x560
Nov 29 10:06:30 MYSYS kernel: [<c012f4a0>] do_group_exit+0x40/0xb0
Nov 29 10:06:30 MYSYS kernel: [<c04d93e3>] syscall_call+0x7/0xb

Now the system crashed all vm's. Only a reboot of the hardwarenode was helpfull.

This is reproduceable while updateing aveserver-signatures.

HW-Node is running RH-Enterprise 4 2.6.9-023stab032.1-smp #1 SMP
VPS is running debian-sarge.

Can you give me hint what causes this crash.

Best rema.

UPDATE: user_baencounters of the vps running the aveserver-prozess
Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
221:	kmemsize	5426114	5853361	92250112	101475123	0
	lockedpages	0	0	4504	4504	0
	privvmpages	150377	153989	254771	290248	0
	shmpages	1294	1310	15477	15477	0
	dummy	0	0	0	0	0
	numproc	74	81	4000	4000	0
	physpages	79850	80784	0	2147483647	0
	vmguarpages	0	0	154771	2147483647	0
	oomguarpages	79850	80784	154771	2147483647	0
	numtcpsock	13	24	4000	4000	0
	numflock	10	14	1000	1100	0
	numpty	2	2	400	400	0

numsiginfo	0	2	1024	1024	0
tcpsndbuf	118508	441272	14366037	30750037	0
tcprcvbuf	212992	752320	14366037	30750037	0
othersockbuf	17188	468720	7183018	23567018	0
dgramrcvbuf	0	34300	7183018	7183018	0
numothersock	27	81	4000	4000	0
dcachesize	0	0	20149933	20754432	0
numfile	1941	2239	36032	36032	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	10	10	200	200	0