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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 avbasesetest
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 hardware node was helpful.

This is reproduceable while updating avserver-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 avserver-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

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Subject: Re: Negative vm\_rss  
Posted by [Vasily Tarasov](#) on Thu, 30 Nov 2006 06:59:46 GMT  
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Hello,

This is a known bug, it is fixed in 2.6.9-023stab034.1, which is not released yet. However, this is the minor bug, so you can work smoothly with it before the new stable kernel will be released.

HTH,  
Vasily.

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Subject: Re: Negative vm\_rss  
Posted by [rema](#) on Thu, 30 Nov 2006 07:03:24 GMT  
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Tnx for your awnser.  
I switch to 2.6.18-ovz028test005.1 so this should by happen again. (i hope)

Best Rene

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Subject: Re: Negative vm\_rss  
Posted by [dev](#) on Thu, 30 Nov 2006 15:42:03 GMT  
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Can you try 036.1 kernel which is to be released soon?  
I uploaded it for you here:  
<http://download.openvz.org/~dev/023stab036.1/>

Subject: Re: Negative vm\_rss  
Posted by [rema](#) on Fri, 01 Dec 2006 10:43:45 GMT  
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tnx for this hint.

best rema

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