
Subject: failcnt on unlimited values?

Posted by [iztok](#) on Thu, 26 Apr 2012 09:53:04 GMT

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Hi,

I'm experiencing rather strange issue. I get failcnts on my VPS, altho the config has all values as unlimited. Below is the data:

BEANCOUNTERS LOG:

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
101:	kmemsize	14416740	97121125	9223372036854775807		
9223372036854775807		16252				
	lockedpages	0	1039	9223372036854775807		
9223372036854775807		0				
	privvmpages	108290	418820	9223372036854775807		
9223372036854775807		43				
	shmpages	1943	262167	9223372036854775807		
9223372036854775807		0				
	dummy	0	0	0	0	
	numproc	79	462	9223372036854775807		
9223372036854775807		0				
	physpages	46552	182727	0	9223372036854775807	
0						
	vmguarpages	0	0	9223372036854775807		
9223372036854775807		0				
	oomguarpages	46552	182727	9223372036854775807		
9223372036854775807		0				
	numtcpsock	23	336	1801439850948198	1801439850948198	
0						
	numflock	11	22	9223372036854775807		
9223372036854775807		0				
	numpty	3	4	9223372036854775807	9223372036854775807	
0						
	numsiginfo	0	33	9223372036854775807		
9223372036854775807		0				
	tcpsndbuf	719904	16092944	4611686018427387903		
9223372036854775807		0				
	tcprcvbuf	376832	6011480	4611686018427387903		
9223372036854775807		24				
	othersockbuf	30496	702824	4611686018427387903		
9223372036854775807		0				
	dgramrcvbuf	0	309128	9223372036854775807		
9223372036854775807		0				
	numothersock	33	256	1801439850948198	1801439850948198	

0						
dcachesize	0		0	9223372036854775807	9223372036854775807	
0						
numfile	4221		13709	9223372036854775807		
9223372036854775807		0				
dummy	0		0	0	0	0
dummy	0		0	0	0	0
dummy	0		0	0	0	0
numiptent	39		113	9223372036854775807		
9223372036854775807		0				

CONFIG FILE:

```
# UBC parameters (in form of barrier:limit)
AVNUMPROC="unlimited"
NUMPROC="unlimited"
NUMTCPSOCK="1801439850948198"
NUMOTHERSOCK="1801439850948198"
VMGUARPAGES="unlimited"
# Secondary parameters
KMEMSIZE="unlimited"
#TCPSNDBUF="2147483647:2147483647"
TCPSNDBUF="4611686018427387903:9223372036854775807"
TCPRCVBUF="4611686018427387903:9223372036854775807"
OTHERSOCKBUF="4611686018427387903:9223372036854775807"
DGRAMRCVBUF="unlimited"
OOMGUARPAGES="unlimited"
# Auxiliary parameters
LOCKEDPAGES="unlimited"
SHMPAGES="unlimited"
PRIVVMPAGES="unlimited"
NUMFILE="unlimited"
NUMFLOCK="unlimited"
NUMPTY="unlimited"
NUMSIGINFO="unlimited"
DCACHESIZE="unlimited"

PHYSPAGES="0:unlimited"
NUMIPTENT="unlimited"

# Disk quota parameters (in form of softlimit:hardlimit)
DISK_QUOTA="yes"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="50G:60G"
```

```
DISKINODES="unlimited"  
QUOTATIME="0"
```

```
# CPU fair scheduler parameter  
CPUUNITS="1000"  
VE_ROOT="/vz/root/$VEID"  
VE_PRIVATE="/vz/private/$VEID"  
OSTEMPLATE="centos-6-x86_64"  
ORIGIN_SAMPLE="basic"  
ONBOOT="yes"  
HOSTNAME="private.host.net"  
IP_ADDRESS="11.111.111.11"  
GATEWAY="11.111.111.11"  
NAMESERVER="8.8.8.8 8.8.4.4"
```

Subject: Re: failcnt on unlimited values?
Posted by [kir](#) on Thu, 26 Apr 2012 16:46:53 GMT
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I see two reasons for that

- 1 Fails happened before you raised the limites
 - 2 Global resource shortage (lack of RAM, usually)
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