Subject: Re: How to reset the failcount (failcnt) in /dev/user_beancounters ?
Posted by bjmg on Wed, 15 Mar 2006 13:35:58 GMT
View Forum Message <> Reply to Message

Here is the data:

user_beancounters (before stop of VPS 22114):

```
    22114: kmemsize       8006290   12162801  131972572  145169828   20533210
           lockedpages          0          0       6442       6442          0
           privvmpages      84085     112592     144989     159487          0
           shmpages           671       1978      14498      14498          0
           dummy                0          0          0          0          0
           numproc            113        183       5332       5332         24
           physpages        37958      65609          0 2147483647          0
           vmguarpages          0          0     144989 2147483647          0
           oomguarpages     39682      66342     144989 2147483647          0
           numtcpsock          30        127       5332       5332       1347
           numflock            13         31       1000       1100          0
           numpty               2          5        512        512          0
           numsiginfo           0         50       1024       1024          0
           tcpsndbuf        31192     739696   22150986   43990858       1549
           tcprcvbuf         2228     300780   22150986   43990858          0
           othersockbuf    187152     430392   11075492   32915364          0
           dgramrcvbuf          0     169328   11075492   11075492          0
           numothersock       153        193       5332       5332          0
           dcachesize      357099     466733   28811184   29675520          0
           numfile           1084       1593      51520      51520          0
           dummy                0          0          0          0          0
           dummy                0          0          0          0          0
           dummy                0          0          0          0          0
           numiptent          143        143        200        200          0
```

user_beancounters (after stop of VPS 22114)

```
    22114: kmemsize          1177   12162801  131972572  145169828   20533210
           lockedpages          0          0       6442       6442          0
           privvmpages          0     112592     144989     159487          0
           shmpages             0       1978      14498      14498          0
           dummy                0          0          0          0          0
           numproc              0        183       5332       5332         24
           physpages            0      65609          0 2147483647          0
           vmguarpages          0          0     144989 2147483647          0
           oomguarpages        14      66342     144989 2147483647          0
           numtcpsock           0        127       5332       5332       1347
           numflock             0         31       1000       1100          0
           numpty               0          5        512        512          0
```

```
numsiginfo          0        50       1024       1024         0
tcpsndbuf           0    739696   22150986   43990858      1549
tcprcvbuf           0    300780   22150986   43990858         0
othersockbuf        0    430392   11075492   32915364         0
dgramrcvbuf         0    169328   11075492   11075492         0
numothersock        0       193       5332       5332         0
dcachesize          0    466733   28811184   29675520         0
numfile             0      1593      51520      51520         0
dummy               0         0          0          0         0
dummy               0         0          0          0         0
dummy               0         0          0          0         0
numiptent           0       143        200        200         0
```

user_beancounters (after start of VPS 22114):

```
   22114: kmemsize       6021807   12162801  131972572  145169828   20533210
          lockedpages          0          0       6442       6442          0
          privvmpages      67938     112592     144989     159487          0
          shmpages            26       1978      14498      14498          0
          dummy                0          0          0          0          0
          numproc             87        183       5332       5332         24
          physspages       24228      65609          0 2147483647          0
          vmguarpages          0          0     144989 2147483647          0
          oomguarpages     24242      66342     144989 2147483647          0
          numtcpsock          20        127       5332       5332       1347
          numflock            16         31       1000       1100          0
          numpty               0          5        512        512          0
          numsiginfo           0         50       1024       1024          0
          tcpsndbuf        33420     739696   22150986   43990858       1549
          tcprcvbuf            0     300780   22150986   43990858          0
          othersockbuf    158188     430392   11075492   32915364          0
          dgramrcvbuf          0     169328   11075492   11075492          0
          numothersock       138        193       5332       5332          0
          dcachesize      345619     466733   28811184   29675520          0
          numfile            912       1593      51520      51520          0
          dummy                0          0          0          0          0
          dummy                0          0          0          0          0
          dummy                0          0          0          0          0
          numiptent          143        143        200        200          0
```

uname:

Linux master.mediadesign-gruen.de 2.6.8-022stab070.1-enterprise #1 SMP Mon Feb 20 19:31:28 MSK 2006 i686 athlon i386 GNU/Linux

This is an excerpt of dmesg output:
(not only from that stop - start event but all relevant infos I found)

VPS: 22114: started
Unable to load interpreter
Unable to load interpreter
Unable to load interpreter
VPS: 22114: stopped
...
VPS: 22114: started
Fatal resource shortage: numiptent, UB 22114.
Fatal resource shortage: numiptent, UB 22114.
Fatal resource shortage: numiptent, UB 22114.
Fatal resource shortage: numiptent, UB 22114.
VPS: 22114: stopped
...
VPS: 22114: started
Out of socket memory
Out of socket memory
Out of socket memory
Out of socket memory
Out of socket memory
VPS: 22114: stopped
...
VPS: 22114: started
TCP: time wait bucket table overflow
TCP: time wait bucket table overflow
TCP: time wait bucket table overflow
TCP: time wait bucket table overflow
VPS: 22114: stopped
...
...
TCP: time wait bucket table overflow
TCP: time wait bucket table overflow
TCP: time wait bucket table overflow
TCP: time wait bucket table overflow
TCP: too many of orphaned sockets
TCP: too many of orphaned sockets
TCP: too many of orphaned sockets
TCP: too many of orphaned sockets
TCP: too many of orphaned sockets
TCP: too many of orphaned sockets
TCP: too many of orphaned sockets
VPS: 22114: stopped
VPS: 22114: started
[no problem memory problems since that point - but still high failcount]
...
VPS: 22114: stopped

VPS: 22114: started
[this is the restart I did for getting the infos above]

I hope this helps debugging it.
I can also provide a psaux output (with VPS 22114 stoped).

Bernhard