

---

Subject: user\_beancounters: failcnt increasing before resources reach limit

Posted by [david2389](#) on Thu, 28 Mar 2013 12:29:01 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I'm a customer of a VPS provider who uses OpenVZ. I don't have access to the OpenVZ configuration or kernel logs.

I'm finding those typical problems reported elsewhere (e.g. "fork: Cannot allocate memory"). I understand they happen because I'm using too much resources. However, the "maxheld" value in the /proc/user\_beancounters file isn't near the "barrier" or "limit" ones, at which point I'd expect the "failcnt" to increase.

To illustrate my problem, consider this partial user\_beancounters file:

Version: 2.5

uid resource	held	maxheld	barrier	limit	failcnt
67767067: kmemsize 9201127	26743189	26895615	31457280	31457280	34603008
privvmpages 30530	473723	485794	1048576	1153433	
numproc	87	89	128	128	635

Some minutes later, this is how it looks:

Version: 2.5

uid resource	held	maxheld	barrier	limit	failcnt
67767067: kmemsize 9227898	26960203	28481774	31457280	31457280	34603008
privvmpages 33525	431904	599424	1048576	1153433	
numproc	88	90	128	128	635

We can see that the failcnt for kmemsize and privvmpages has increased, however the maxheld field doesn't seem to have hit the limit for each field. I'd expect to find something like this:

uid resource	held	maxheld	barrier	limit	failcnt
67767067: kmemsize 9227898	26960203	34603008	31457280	31457280	34603008

Is this normal behaviour? Is there something I can do to make a better usage of the resources I've been allocated?

---