
Subject: strange behavior of setrlimit or setrlimit broken in VPS?

Posted by [disaster](#) on Mon, 16 Jun 2008 07:12:35 GMT

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Hello!

I've recognized a strange behavior of setrlimit in VPS. I've a Script which limits some Usage of processes

```
unless (setrlimit(RLIMIT_CPU, 50, 50) ) {  
    print STDERR "Cannot set RLIMIT_CPU!\n";  
    exit;  
}  
unless (setrlimit(RLIMIT_NPROC, 40, 40) ) {  
    print STDERR "Cannot set RLIMIT_NPROC!\n";  
    exit;  
}  
unless (setrlimit(RLIMIT_NOFILE, 50, 50) ) {  
    print STDERR "Cannot set RLIMIT_OPEN_MAX!\n";  
    exit;  
}  
unless (setrlimit(RLIMIT_OPEN_MAX, 50, 50) ) {  
    print STDERR "Cannot set RLIMIT_OPEN_MAX!\n";  
    exit;  
}  
unless (setrlimit(RLIMIT_DATA, 1024*1024*30, 1024*1024*30) ) {  
    print STDERR "Can not extend data segment limit!\n";  
    exit;  
}  
unless (setpriority(0, 10)) {  
    print STDERR "Cannot set Priority!\n";  
    exit;  
}
```

....

START EXTERNAL BASH SCRIPT

This code works fine on a 1:1 Image of the VPS without OpenVZ / as running with a vanilla 2.6.25.4 Linux Kernel.

As a OpenVZ VPS i always got: "bash: xmalloc: ../bash/locale.c:68: cannot allocate 2 bytes (0 bytes allocated)" from the EXTERNAL Bash Script.

I've to rise up the "RLIMIT_DATA" up to 1024*1024*250 - then it works in VPS.

user_beancounters does not show any failures. Any ideas?

Thanks for help ideas or something else.

Stefan
