Subject: Node Crashes on 64 bit owing to a single file.
Posted by Ligesh on Thu, 11 Jan 2007 14:36:22 GMT
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Thu, Jan 11, 2007 at 08:04:35PM +0530, Ligesh wrote:

I have encountered a bug in the 64 bit openvz. I am now not able to access the system, so all I can do now is describe the general conditions. I will send the specific details later.

The problem seems to be with one single file, Mostly a paramater of the file is overflowing the variable in which it is stored, and I think it could be due the 32<->64 bit compatibility issues.

The result:

-> ls -al in /vz/private/100 and /vz/private/400 shows large integer values in place of last modified time.

-> Once this particular vps containing the bad file is started, all applications--IN THE NODE--start segfaulting. An strace show it happening after getftime, so I think it could be related to modified time of the file.

The thing is, once this vps is stopped, the others are working fine. I think the problem is with a specific file because we did a backup in cpanel, destroyed the old vps, created a new one, and restored the cpanel backup. The server was working fine midway the restore, but it started segfaulting when we were halfway through the cpanel restore.

I will send the kernel dmesg and the strace one I am able to login back to the server.

Thanks.