
Subject: Re: LTP syscall failures
Posted by [gblond](#) on Wed, 23 May 2007 10:21:41 GMT
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- 1) Fail with ustat() is a openvz bug and it will be fixed in the near future.
- 2) Fail with syslog() is a normal behavior, but it can be modified specially for LTP.

>From: Christian Kaiser2 <CKAISER2@de.ibm.com>
>To: devel@openvz.org
>Message-ID:
><OFA30B9023.1D7CA759-ONC12572E2.0029ABDB-C12572E2.002AE3A1@de.ibm.com>
>Date: Mon, 21 May 2007 09:47:31 +0200
>Subject: [Devel] LTP syscall failures
>
>Hi,
>
>I did some testing with the LTP Regression Test Suite
>(http://ltp.sourceforge.net) inside a VE the last days. When I enable all
>capabilities except "setpcap" I get one warning and three failures. When I
>run the tests native (in VE0) I get no errors. I tested it with several
>Kernels including the latest 2.6.18 and 2.6.20 from the git repository, all
>with the same results.
>
>I run the syscall test suite of ltp-20070430 as root with the command:
>./runltp -p -q -f syscalls -l `date +"%Y-%m-%d\_%H-%M-%S"`
>
>Failed tests: syslog12, ustat01, ustat02
>
>Output:
> syslog12
> syslog system call: read and/or clear kernel message ring
> buffer; set console_loglevel
>
> syslog12 5 FAIL : syslog() returned unexpected
>results for
> console level less than 0 ; returned 0
>(expected -1), errno 0 (expected 22)
> syslog12 6 FAIL : syslog() returned unexpected
>results for console level
> greater than 8 ; returned 0 (expected -1),
>errno 0 (expected 22)
>
> ustat0[1-2]
> ustat system call: get filesystem statistics
>
> ustat01 1 FAIL : ustat(2) failed and set the errno to

>13
> : Permission denied
> ustat02 1 PASS : ustat(2) expected failure; Got
>errno - EINVAL :
> Invalid parameter
> ustat02 2 FAIL : ustat(2) failed to produce expected
>error; 14, errno:
> EFAULT and got 13
>
>As you can see the syslog12 and ustat02 tests fail because they return
>other error values than expected. The ustat01 test fails because of
>insufficient permissions.
>
>Is there someone out who wants to confirm or to comment why these System
>Call Tests fail?
>

>Christian Kaiser

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Vitaliy Gusev
