
Subject: Re: LTP syscall failures

Posted by [Christian Kaiser2](#) on Wed, 23 May 2007 11:51:24 GMT

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Vitaliy Gusev <vgusev@openvz.org> wrote on 05/23/2007 12:21:41 PM:

> 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.

>

But how I mentioned before, the syslog12 test does not fail on my native machine. So what do you mean exactly by "normal behaviour"?

>

> >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 setthe 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
>
> --
>
> Vitaliy Gusev
>

```

Christian Kaiser

--

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