
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
> >unsufficient 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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