

Re: hwclock and audit system

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2005-07/5804.html>

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Date: 07/29/05

To: For users of Fedora Core releases <fedora-list@redhat.com>

Date: Fri, 29 Jul 2005 23:39:41 +0200

Am Fr, den 29.07.2005 schrieb Berna Massingill um 21:53:

```
> >> > > hwclock --show | cat
> >> > >
> >> > > Does that help?
>
> It did for me (newly-installed FC4 system on Dell Dimension,
> hwclock from util-linux-2.12p-9.5).
>
> I notice also that:
>
> (*) hwclock produces output if run from one of the virtual text
> consoles, but not if run from an xterm (unless piped to another
> command, as you describe above).
>
> (*) /sbin/hwclock does not produce output, but if I copy /sbin/hwclock
> to, say, /root/hwclock, /root/hwclock produces output.
>
> (*) If run as /sbin/hwclock, strace output indicates that the program
> makes a call to ioctl, which works in a text console but not in an
> xterm. If run as /root/hwclock, it doesn't make that call, and all
> is well.
```

Interesting. Maybe one of the SELinux gurus is willing to jump in an enlighten us mortals.

```
> >> > > No change. Why do you think it would?
>
> I'm interested in the explanation as well -- why piping the output
> to another command makes a difference. A colleague also says "ask
> him whether he found this by accident or whether he knew it would
> work because of some deep understanding ...." So -- ?
```

Fair question. I "know" it from

https://bugzilla.redhat.com/bugzilla/show_bug.cgi?id=150153

Fedora: Re: hwclock and audit system

> >> <http://fedora.redhat.com/docs/release-notes/fc4/errata/#sn-overview>
> >>
> >> *hwclock is in the list of daemons covered by the targeted policy. This
> >> means hwclock may or may not have control over the terminal.*
>
> *Would I be right in guessing that this explains why putting the
> executable in a different directory changes the results??*
>
> >> *Though it
> >> seems this issue is a different one (on the German speaking Fedora list
> >> the cat pipe helped recently[1]).*
> >>
> >> *Alexander*
> >>
> >> *[1]*
> >> <https://www.redhat.com/archives/fedora-de-list/2005-June/msg00109.html>
>
> *If only I read German!*

Should have been just a reference, as the thread too shows a strace output.

> -- *blm*

Alexander

--
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legal statement: <http://www.uni-x.org/legal.html>
Fedora Core 2 GNU/Linux on Athlon with kernel 2.6.11-1.35_FC2smp
Serendipity 23:36:56 up 14 days, 4:09, load average: 0.12, 0.15, 0.17

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