

Re: CUPS printer error for Canon BJC-250

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2006-04/msg02356.html>

- *From:* Chris Lale <chrislale@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 17 Apr 2006 15:05:50 +0100
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Fernando Augusto Bender wrote:

On Mon, 2006-04-17 at 09:36 +0100, Chris Lale wrote:

Fernando Augusto Bender wrote:

On Sun, 2006-04-16 at 09:34 +0100, Chris Lale wrote:

Fernando Augusto Bender wrote:

Fellows,

I have recently installed Debian on my PC. I have migrated from Mandriva 2006, so much of the configuration concerning peripherals were ignored by me. Now I regret.

I chose the net-installation, method, with only Desktop option in packages selection.

The printer – Canon

Re: CUPS printer error for Canon BJC-250

BJC-250 – is detected by the hardware. I have downloaded and installed through Synaptic the gimp-print, foomatic and other drivers.

The configuration through gnome-cups-manager is finished, but i cannot print anything on that printer! Any document sent to print does not create any entry on Printer's Job list.

When in connection Tab, it points to Network Pritner, but the printer is local. If I chage it to Detected Printer, and close the manager, it does not update the entry.

I only get an output if I do something like: echo TEXT > /dev/lp0

What testifies that the printer is running.

It looks like I have no permission for that.

By the way, when I choose: Become Administrator in gnome-cups-manager in the terminal (the application was started from the terminal window) I get erros like 'authentication failure' although the root password is properly entered and the manager moves on with no error on graphical desktop.

I am in a loss of what to do now.

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Thanks in advance and best regards.

Try using the CUPS web interface

<snip>

1. I didn't have gs-esp installed. After installing it, I could send a job properly to the printer as root, and it appeared listed on jobs queue not as canceled any longer.
2. I use Debian Sarg, stable.
3. This is the output of the error_log from cups.

```
I [17/Apr/2006:09:40:53 -0300] Adding end banner page "none" to job 1.
I [17/Apr/2006:09:40:53 -0300] Job 1 queued on 'Balzac' by 'octave'.
I [17/Apr/2006:09:40:53 -0300] Started
filter /usr/lib/cups/filter/pstops (PID 3397) for job 1.
I [17/Apr/2006:09:40:53 -0300] Started
filter /usr/lib/cups/filter/pstoraster (PID 3398) for job 1.
I [17/Apr/2006:09:40:53 -0300] Started
filter /usr/lib/cups/filter/rastertoprinter (PID 3399) for job 1.
I [17/Apr/2006:09:40:53 -0300] Started
backend /usr/lib/cups/backend/canon (PID 3400) for job 1.
E [17/Apr/2006:09:44:16 -0300] IsAuthorized: pam_authenticate() returned
7 (Authentication failure)!
I [17/Apr/2006:09:44:25 -0300] Started
"/usr/lib/cups/cgi-bin/jobs.cgi" (pid=3497)
I [17/Apr/2006:09:44:30 -0300] Started
"/usr/lib/cups/cgi-bin/jobs.cgi" (pid=3499)
I [17/Apr/2006:09:44:32 -0300] Started
"/usr/lib/cups/cgi-bin/jobs.cgi" (pid=3501)
```

Some more info:

1. The printer auto test – started from the printer it self – runs perfectly.
2. When I delete a printer, shutdown PC, shutdown the printer, restart both, add a printer, configure it, and print as a regular user an email from Evolution, it just accepts the job, and print only half the first line.

One of the nice things about GNU/Linux is that you do not need to reboot the PC after an installation or configuration change.

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```
# /etc/init.d/cupsys stop
```

stops the CUPS service and

```
#/etc/init.d/cupsys start
```

starts it again.

Alternatively, in one command,

```
# /etc/init.d/cupsys restart
```

No errors of this sort are reported as it can be seen above.
The authentication failure is related to the root login I applied at the
<http://localhost:631> login screen.

What now? :)

I'm getting a little out of my depth here. Hopefully, someone else will reply soon. However, looking at these lines:

```
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7 (Authentication failure)!
```

I wonder whether you are on a network with a print spool on another machine. Perhaps you have an authentication problem with that machine?

Can you print a test page from the CUPS printer page in <http://localhost:631> ?

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