

Install printers on Ubuntu.

Test your ability to print a PDF on LiU's print with the following command.

```
Smbclient -U <LiU-ID>@ad.liu.se%<lösenord> //edp-liu-prn01.ad.liu.se/<Skivarnamnet> -c  
'print <filename>.pdf'
```

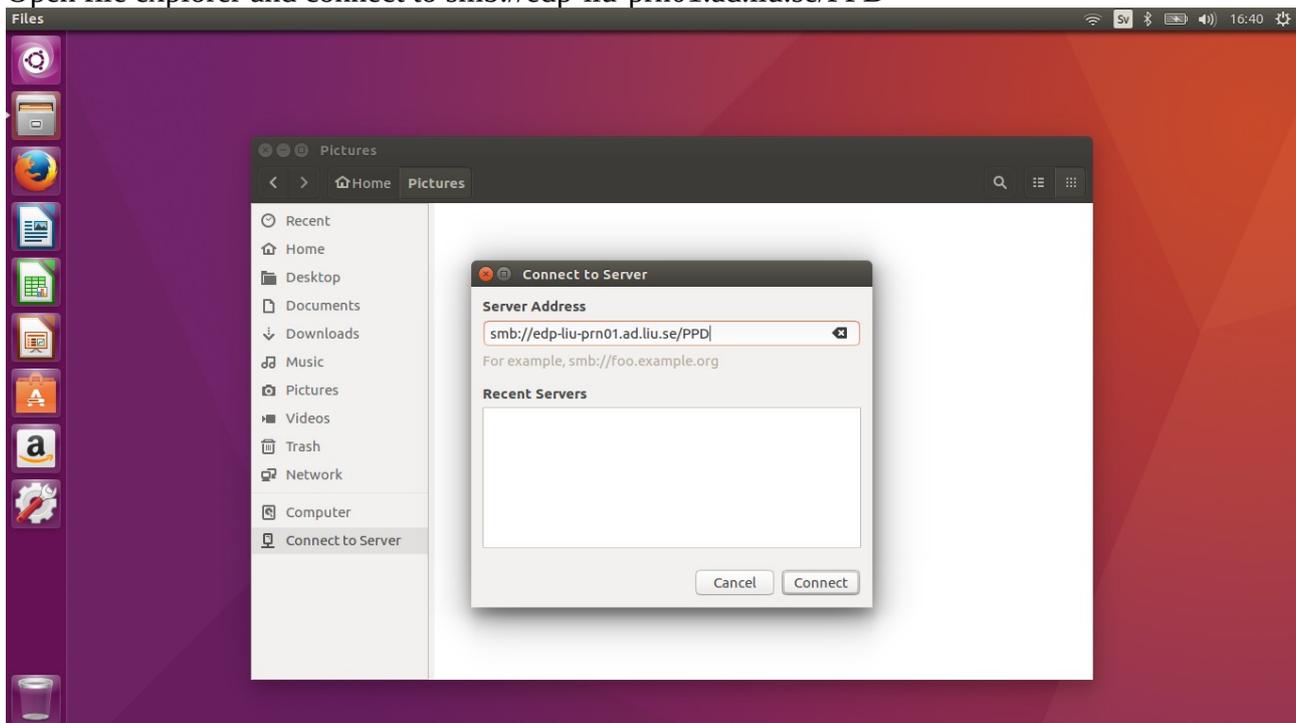
This should result in a print if you have network access to edp-liu-prn01, an authenticable account and credits on the system.

If this works continue with the following:

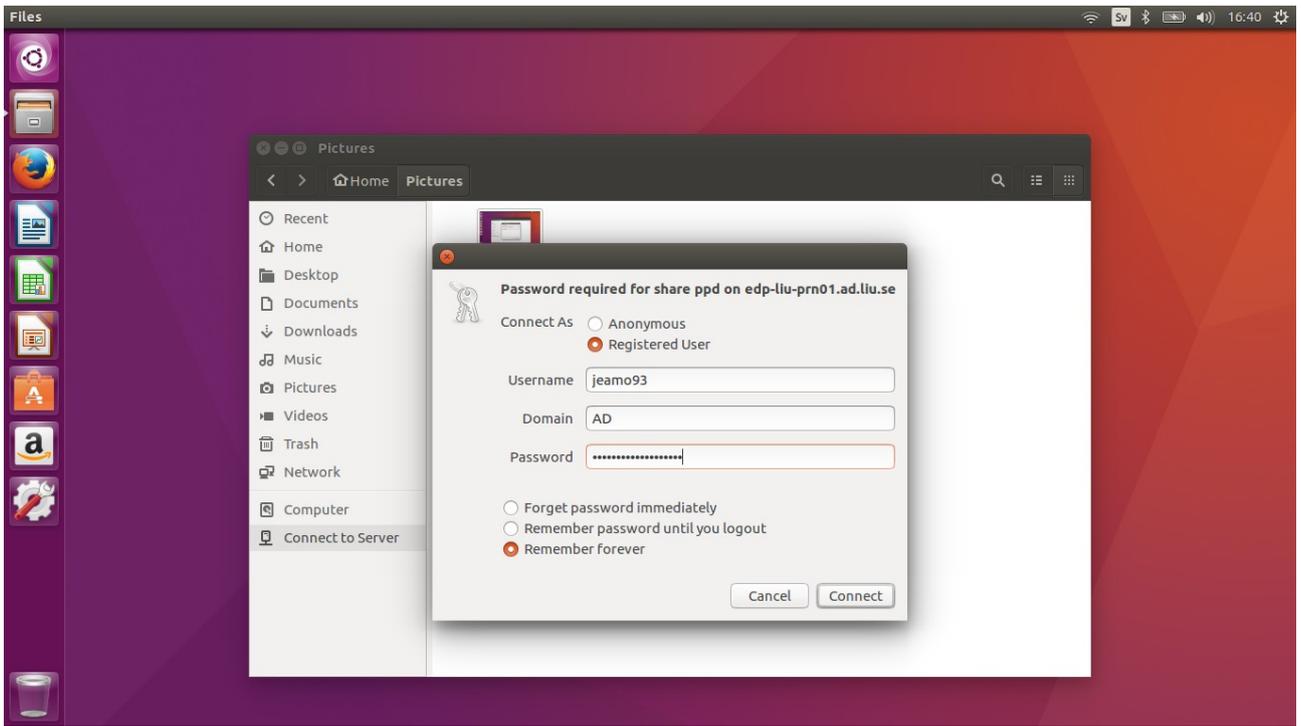
```
Edit: /etc/samba/smb.conf  
Add in [global]
```

```
client min protocol = SMB2  
client max protocol = SMB3
```

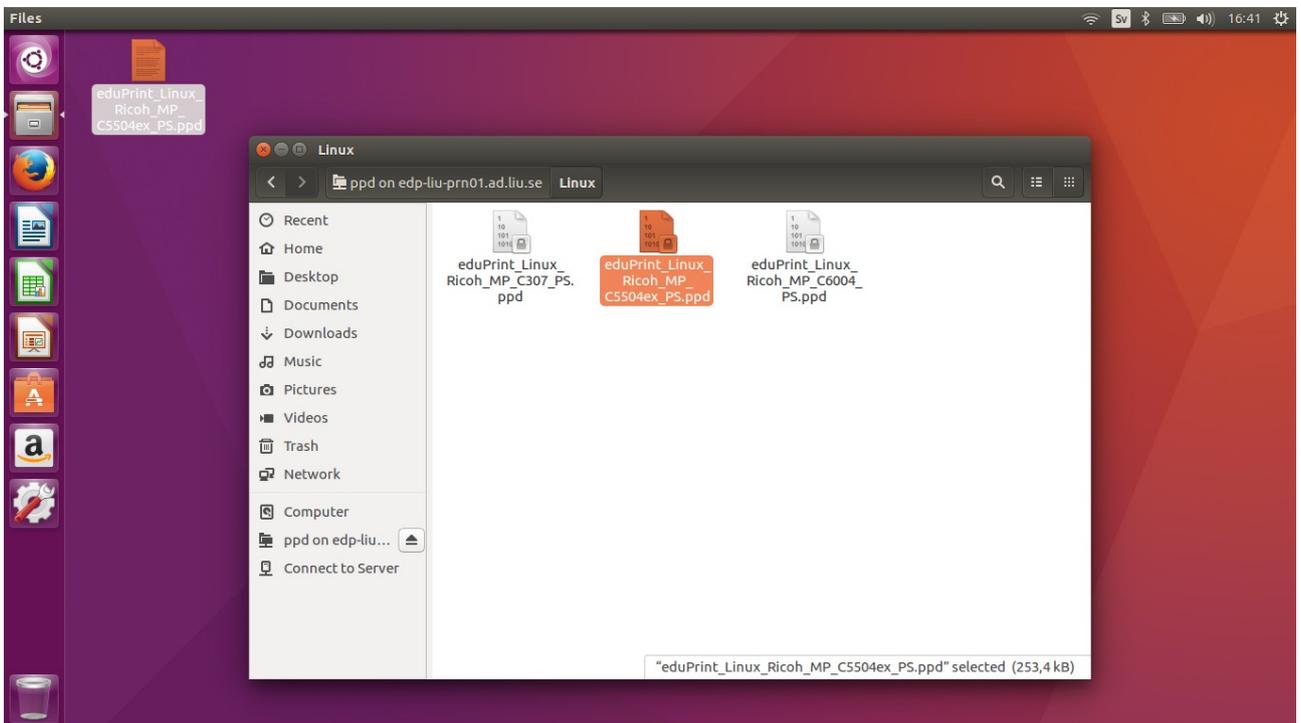
Open file explorer and connect to smb://edp-liu-prn01.ad.liu.se/PPD



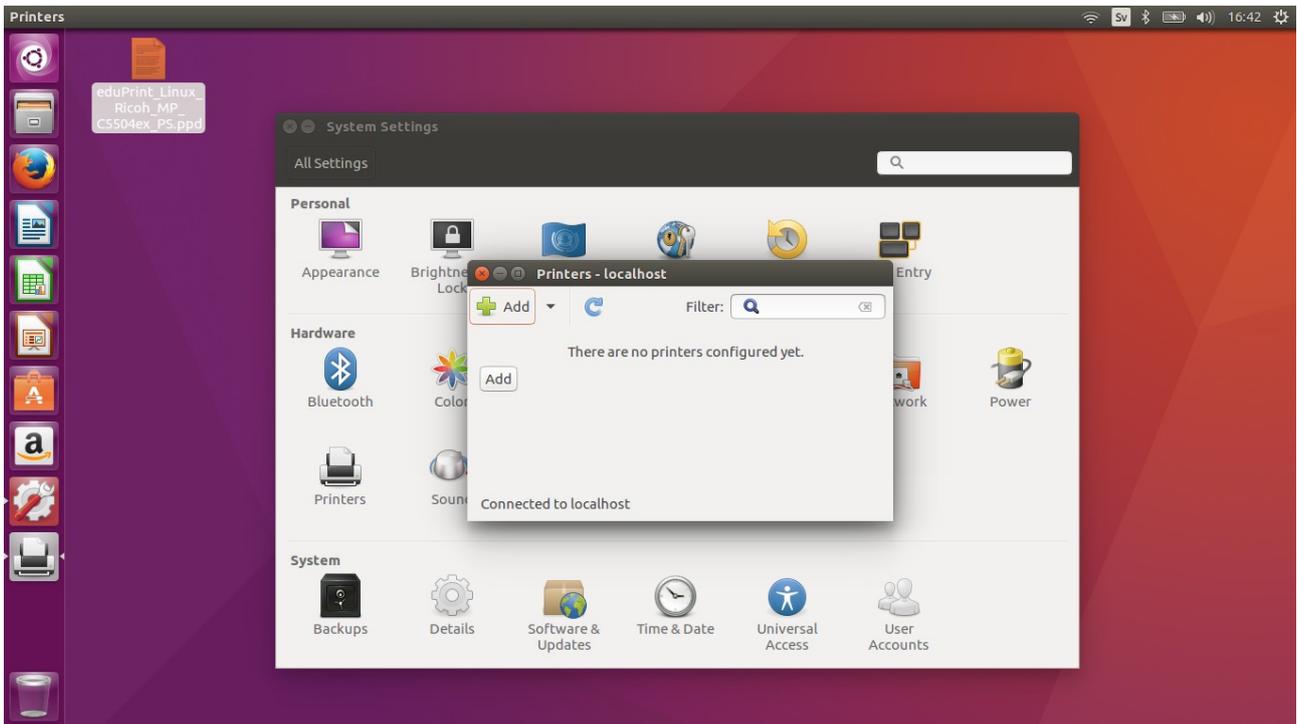
Save credentials.



Open Linux and copy the PPDs to your computer

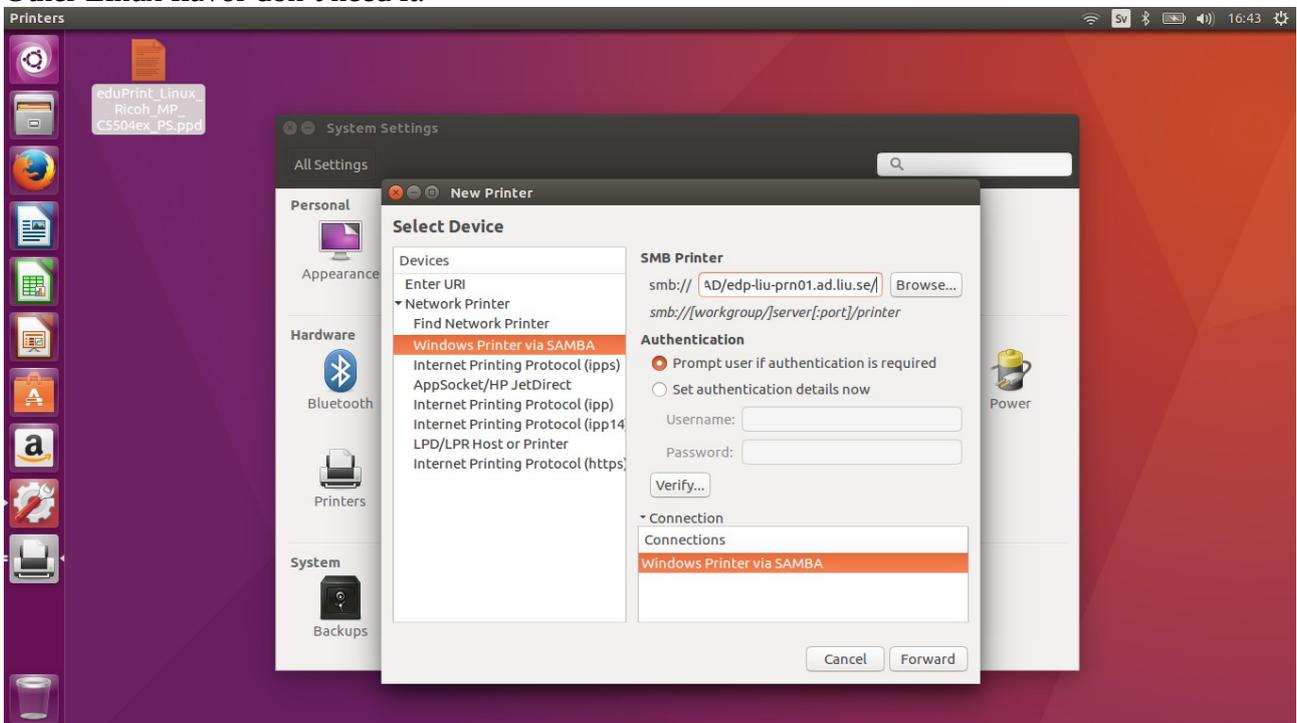


Open printers tool

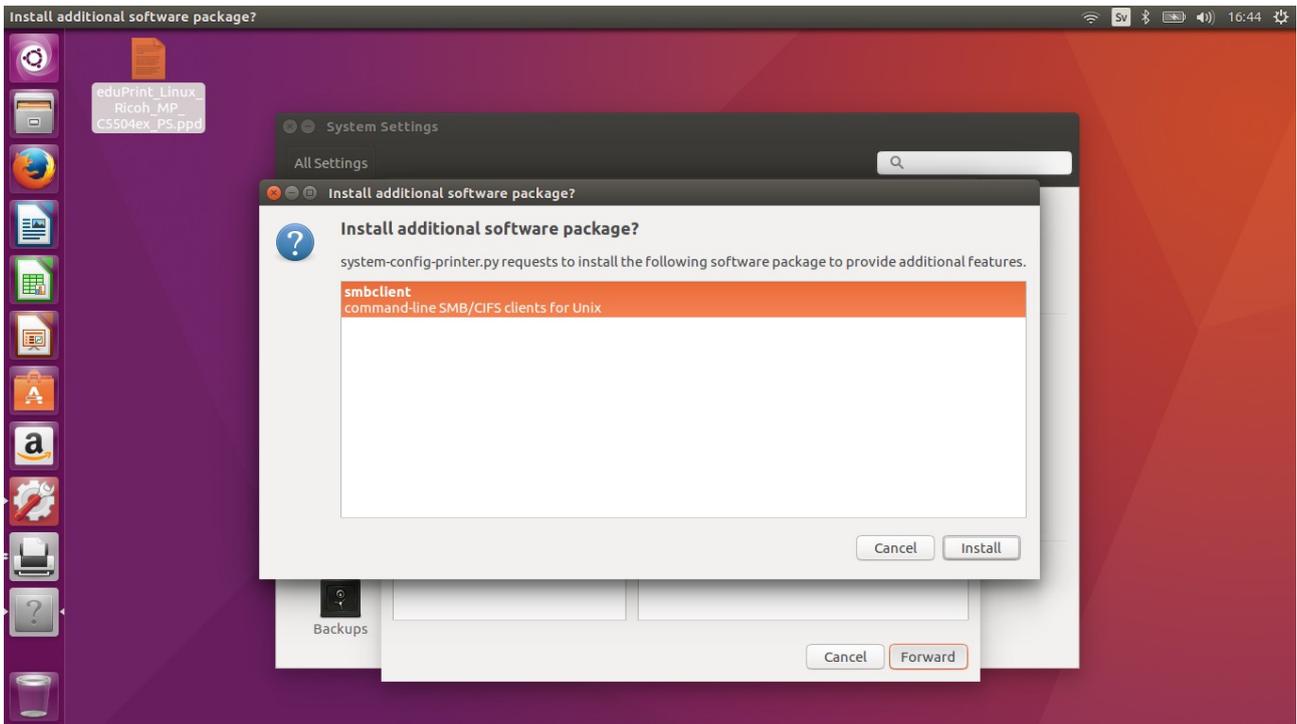


Add a windows printer.

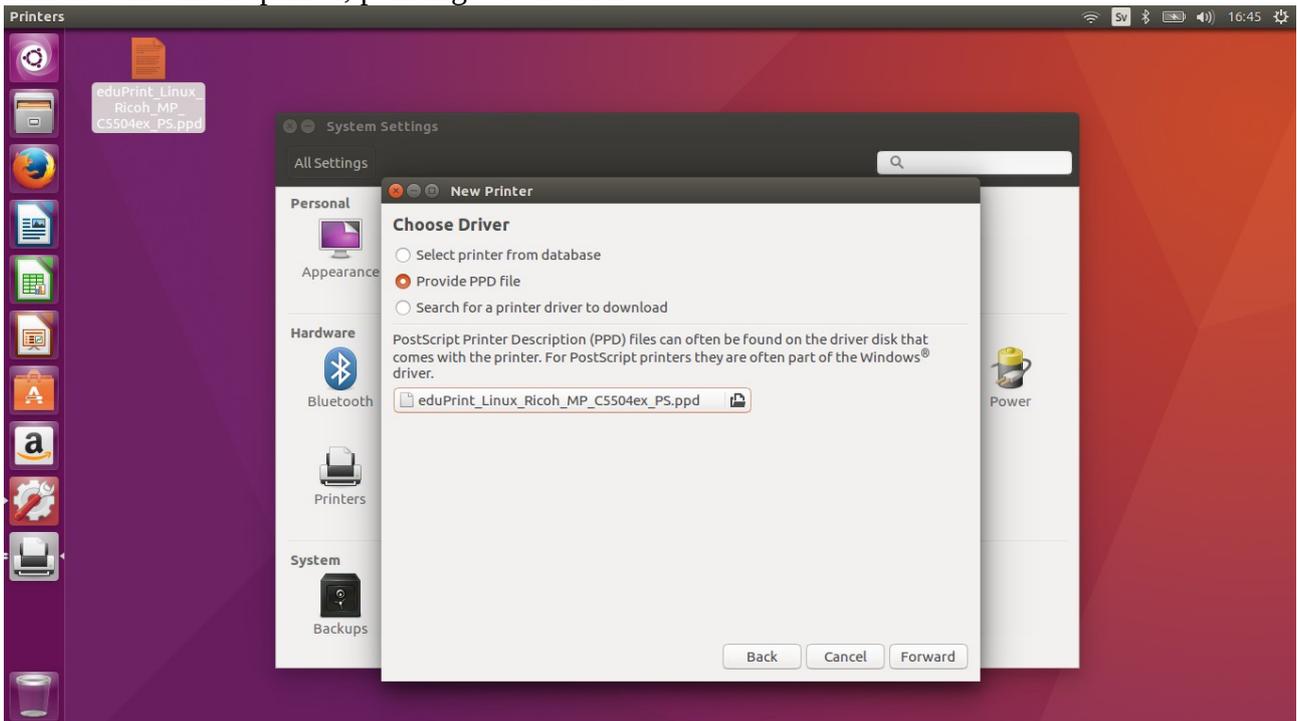
<smb://AD/edp-liu-prn01.ad.liu.se/><Printer name>
 or <smb://AD/edp-liu-mob01.ad.liu.se/><Printer name>
 remark the AD in the URI, its necessary with Ubuntu.
 Other Linux flavor don't need it.

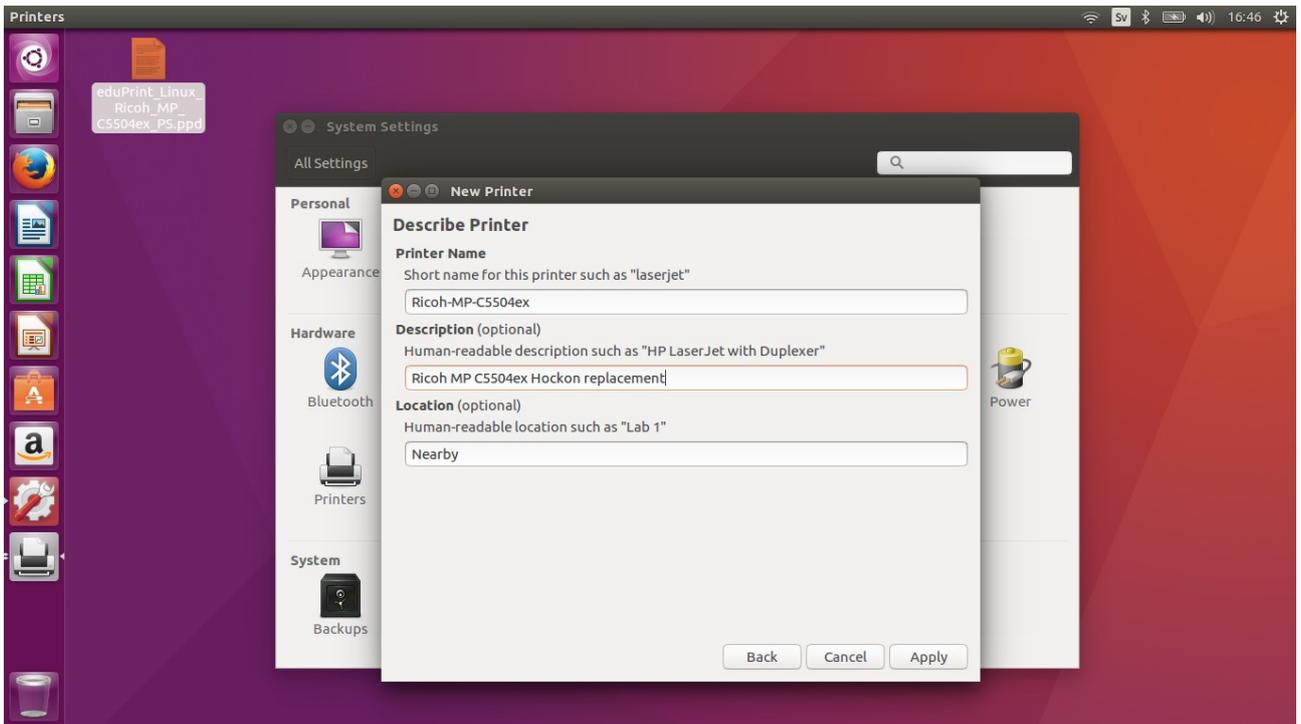


Install smbclient if it's not already there.



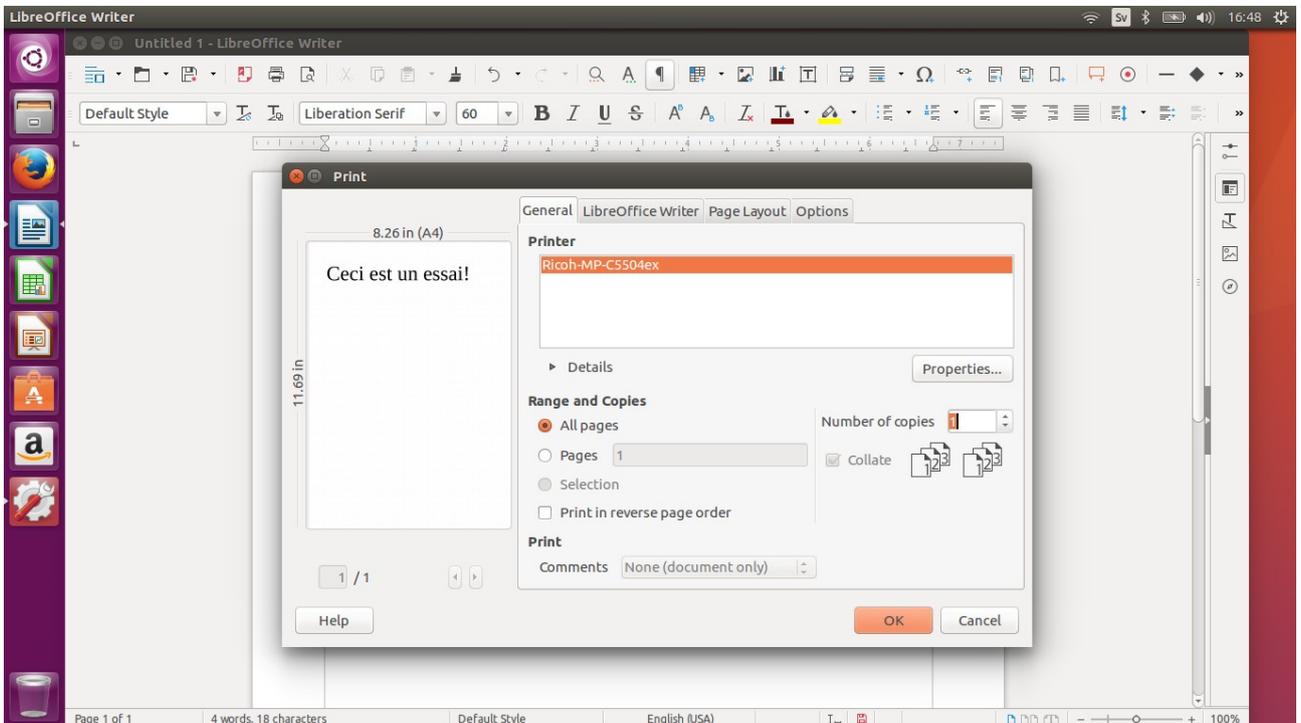
Finish to install the printer, pointing out the PPD



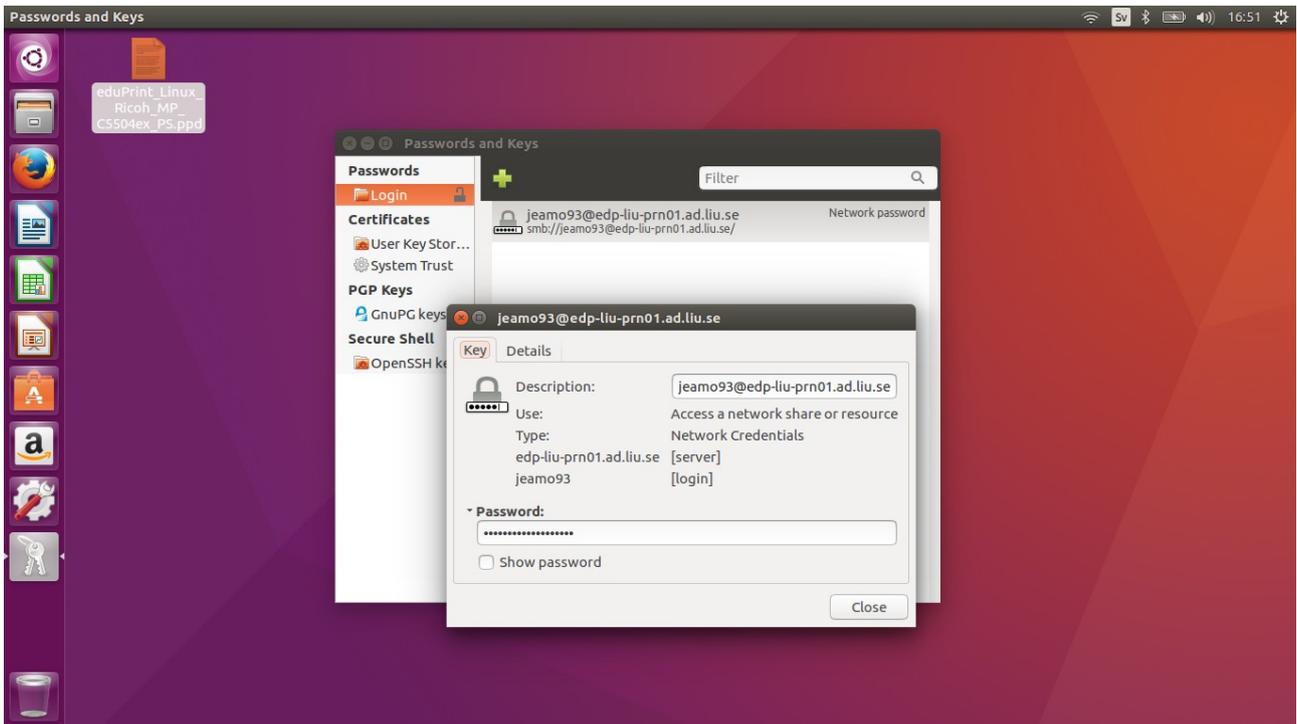


Finish configuration.
Do not print the test page. Choose cancel

Print a test document.



Check the stored password if you have problems.



If you have not saved the password in the keyring, or if you do not wish to, you should see a dialog prompting for user name and password when trying to print from an application.

If authentication fails or you don't get a dialog box asking for password, you have the possibility to add name and password in cups configuration.

Note that the password is stored in clear in a file only readable by root (/etc/cups/printers.conf).

To do this open:

<http://localhost:631/printers/>

Edit or add the connection URI for the printer:

```
smb://AD\<LiUID>:<Password>@edp-liu-prn01.ad.liu.se/<PrinterName>
```

When this is done the web interface will only show

<smb://edp-liu-prn01.ad.liu.se/<PrinterName>>