**Install the User Client on Ubuntu Linux**

You can deploy the PaperCut NG/MF [User ClientThe User Client tool is an add-on that resides on a user's desktop. It allows users to view their current account balance via a popup window, provides users with the opportunity to confirm what they are about to print, allows users to select shared accounts via a popup, if administrators have granted access to this feature, and displays system messages, such as the "low credit" warning message or print policy popups.](javascript:void(0);) software on Linux and other Unix based operating systems using the following installation procedure.

To be able to do the installation change to be root (administrator).

# sudo su –

**The command below is only used when connected to the Linux using ssh.**

# xauth merge /home/<user>/.Xauthority

**Step 1 – Set up printing**

**Download the ppd file:**

# cd /tmp; wget -O Ricoh-IM\_C5500\_PS.ppd "https://www.openprinting.org/ppd-o-matic.php?driver=Postscript-Ricoh&printer=Ricoh-IM\_C5500&show=0"

# cp Ricoh-IM\_C5500\_PS.ppd /etc/cups/ppd

# sudo apt-get update

# sudo apt-get upgrade

**Step 2 – Preparations**

# service cups stop

# apt-get install hplip smbclient

# mkdir /var/spool/cups/tmp/.hplip

# chown lp:lp /var/spool/cups/tmp/.hplip

# service cups start

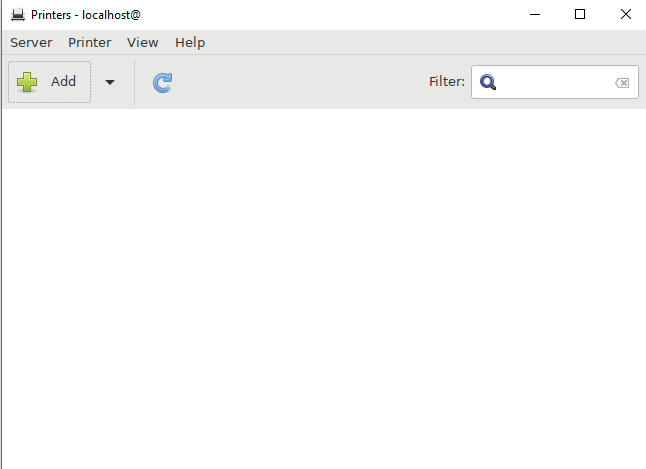
**Step 3 - Copy (or mount) the PaperCut NG/MF User Client files**

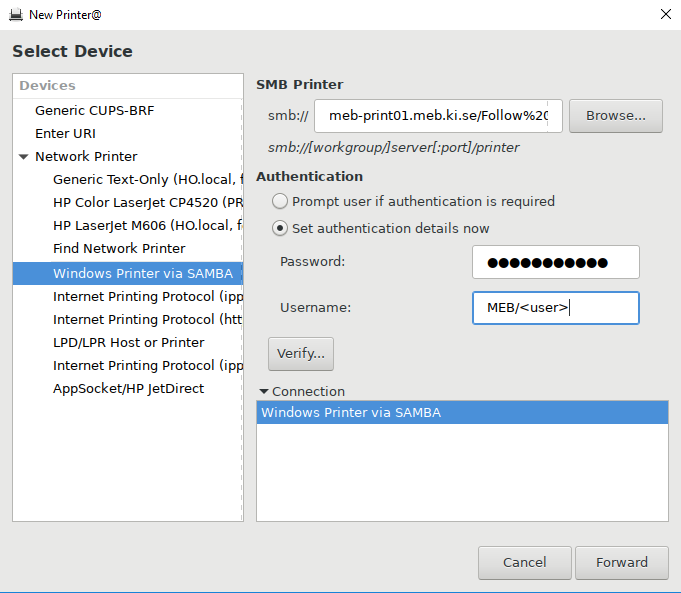
Similar to the Windows version of the client software, the Linux/Unix Java version is installed in the ~/client directory on the server. Copy or make available to the Linux/Unix workstation, all files in this directory. Common methods include:

* Copying the files from the server using file transfer programs such as FTP or scp.
* If the server is Windows based, connecting using mount.cifs:
* # mount -t cifs -o user=<user> //meb-print01.meb.ki.se/PCClient/linux /mnt
* # mkdir –p /usr/local/papercut/client/
* # cp –rp /mnt/\* /usr/local/papercut/client/
* # umount /mnt

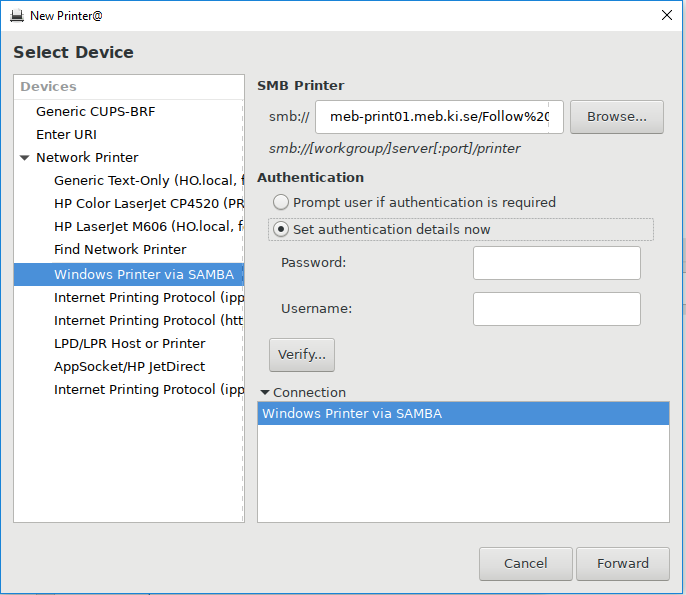
**Step 4 – Install the Follow Me Client**

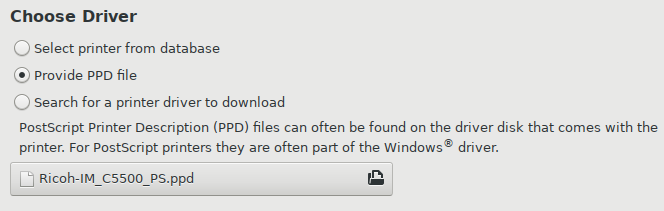
Start the command “system-config-printer”

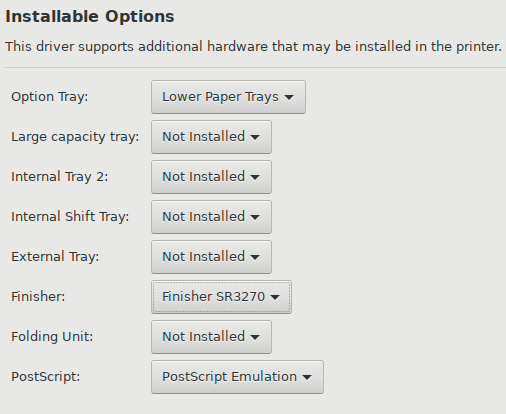
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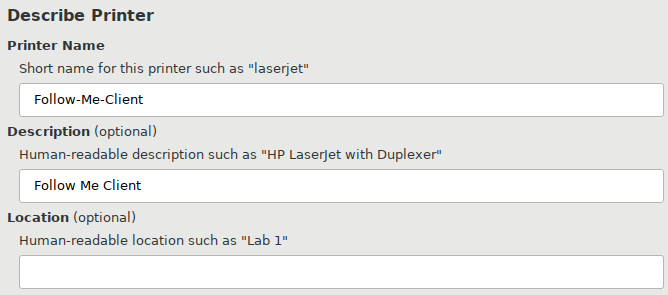
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The url should be “smb://meb-print01.meb.ki.se/Follow%20Me%20Client”

**sm**







**Step 5 - Testing**

Log on as a user (a **MEB** user listed in the PaperCut NG/MF system) in your preferred Linux desktop GUI environment. Locate and execute the file /usr/local/papercut/client/pc-client-linux.sh. The PaperCut NG/MF client should open displaying the user's account balance.

It is usual to configure the client as a "Startup Program" or "AutoStart Program" launched during login. See your desktop documentation to see how to define a startup program.

When done create a script under /etc/profile.d/

# cat <<EOF >> pc-client-linux.sh

#!/bin/bash  
if [ $(id -u) -gt 199 ] && [ "`id -gn`" = "`id -un`" ]; then  
 /usr/local/papercut/client/pc-client-linux.sh -m &  
fi  
EOF

# chmod 755 pc-client-linux.sh