

Driver Installation Guide

>>> (Ubuntu 16.04/18.04/20.04 Version) >>>

- *All command are case sensitive.*
- *Images shown in this guide may differ depending upon OS environment.*

Step 1 :- Download driver for Linux 64 bit from canon website.

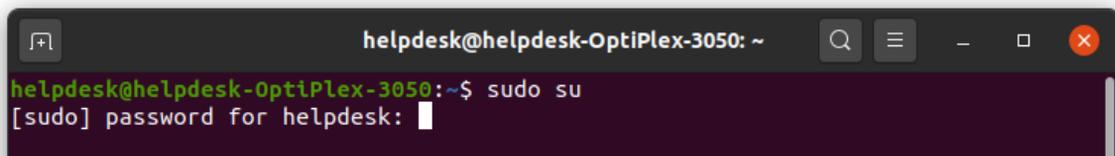
Step 2:- Extract driver package and copy it at desktop.



Step 3:- Open Terminal window.

Step 4:- Now type `sudo su` and press *Enter*.

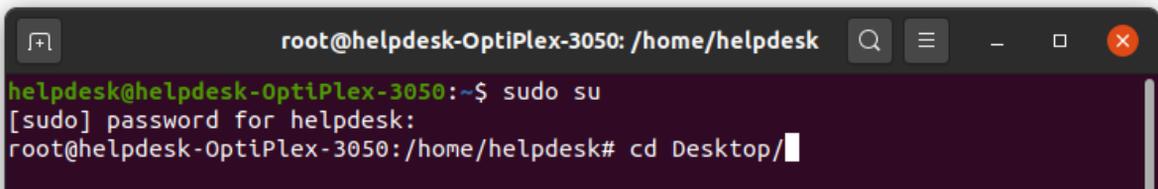
Step 5:- Enter password of admin user and press *Enter*.



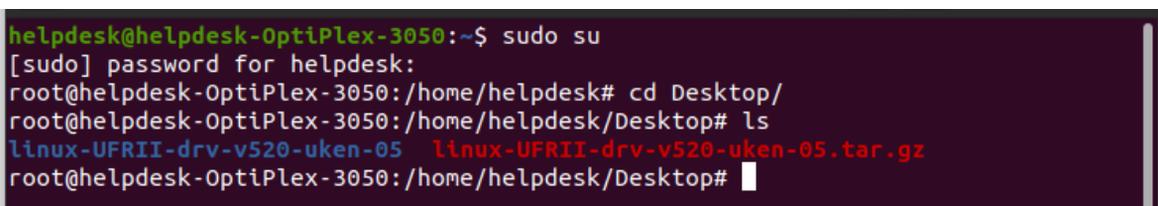
Step 6:- Update your Ubuntu dependencies by following commands in Terminal.

- >>>> `#apt-get update`
- >>>> `#apt-get upgrade`
- >>>> `#apt-get update && apt-get upgrade.`
- >>>> `#apt-get install -f`

Step 7 :- Type `cd Desktop` and press *Enter*.



Step 8:- Type `ls` and press enter. Name of all items lie on desktop will be displayed in terminal.



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Step 9 :- Type `cd {driver folder name}` and press enter.

```
root@helpdesk-OptiPlex-3050: /home/helpdesk/Desktop
helpdesk@helpdesk-OptiPlex-3050:~$ sudo su
[sudo] password for helpdesk:
root@helpdesk-OptiPlex-3050:/home/helpdesk# cd Desktop/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# ls
linux-UFR11-drv-v520-uken-05  linux-UFR11-drv-v520-uken-05.tar.gz
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# cd linux-UFR11-drv-v520-uken-05
```

Step 10:- Types `ls` and press

Enter

```
root@helpdesk-OptiPlex-3050: /home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05
helpdesk@helpdesk-OptiPlex-3050:~$ sudo su
[sudo] password for helpdesk:
root@helpdesk-OptiPlex-3050:/home/helpdesk# cd Desktop/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# ls
linux-UFR11-drv-v520-uken-05  linux-UFR11-drv-v520-uken-05.tar.gz
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# cd linux-UFR11-drv-v520-uken-05
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# ls
linux-UFR11-drv-v520-uken
```

Step 11:- Type `cd {folder name}` and press Enter.

```
root@helpdesk-OptiPlex-3050: /home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-dr...
helpdesk@helpdesk-OptiPlex-3050:~$ sudo su
[sudo] password for helpdesk:
root@helpdesk-OptiPlex-3050:/home/helpdesk# cd Desktop/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# ls
linux-UFR11-drv-v520-uken-05  linux-UFR11-drv-v520-uken-05.tar.gz
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# cd linux-UFR11-drv-v520-uken-05
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# ls
linux-UFR11-drv-v520-uken
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# cd linux-UFR11-drv-v520-uken/
```

Step 12:- Types `ls` and press Enter.

```
root@helpdesk-OptiPlex-3050: /home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-dr...
helpdesk@helpdesk-OptiPlex-3050:~$ sudo su
[sudo] password for helpdesk:
root@helpdesk-OptiPlex-3050:/home/helpdesk# cd Desktop/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# ls
linux-UFR11-drv-v520-uken-05  linux-UFR11-drv-v520-uken-05.tar.gz
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# cd linux-UFR11-drv-v520-uken-05
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# ls
linux-UFR11-drv-v520-uken
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# cd linux-UFR11-drv-v520-uken/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken# ls
```

Step 13:- Type `./install.sh` and press enter.

```
root@helpdesk-OptiPlex-3050: /home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken
helpdesk@helpdesk-OptiPlex-3050:~$ sudo su
[sudo] password for helpdesk:
root@helpdesk-OptiPlex-3050:/home/helpdesk# cd Desktop/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# ls
linux-UFR11-drv-v520-uken-05  linux-UFR11-drv-v520-uken-05.tar.gz
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# cd linux-UFR11-drv-v520-uken-05
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# ls
linux-UFR11-drv-v520-uken
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# cd linux-UFR11-drv-v520-uken/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken# ls
32-bit_Driver  64-bit_Driver  Documents  install.sh  PPD  resources  Sources
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken# ./install.sh
```

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Step 14 :- Now terminal prompt you to proceed with installation, Type **y** and press enter.

```
root@helpdesk-OptiPlex-3050: /home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken
helpdesk@helpdesk-OptiPlex-3050:~$ sudo su
[sudo] password for helpdesk:
root@helpdesk-OptiPlex-3050:/home/helpdesk# cd Desktop/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# ls
linux-UFR11-drv-v520-uken-05  linux-UFR11-drv-v520-uken-05.tar.gz
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop# cd linux-UFR11-drv-v520-uken-05
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# ls
linux-UFR11-drv-v520-uken
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05# cd linux-UFR11-drv-v520-uken/
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken# ls
32-bit_Driver  64-bit_Driver  Documents  install.sh  PPD  resources  Sources
root@helpdesk-OptiPlex-3050:/home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken# ./install.sh
This installer is recommended for the following distributions that are currently supported as of the release of this installer:
- Fedora/Ubuntu/CentOS 7.6/Debian 8.11/Debian 9.8 or later

If this installer is run under distributions for which the support period has ended, the installation of additional system libraries may be necessary after driver installation is complete.

Note that an internet connection is required for installation.

Do you want to continue with installation? (y/n)y
```

Step 15:- If below message occurs, close terminal and update your OS then follow. Please follow the step no. 6 again.

```
root@helpdesk-OptiPlex-3050: /home/helpdesk/Desktop/linux-UFR11-drv-v520-uken-05/linux-UFR11-drv-v520-uken
#-----#
# Install Package Check
#-----#
NG: libcrypt20-dev
#-----#
# apt-get install
#-----#
Reading package lists... Done
Building dependency tree
Reading state information... Done
libjbig0 is already the newest version (2.1-3.1build1).
libjbig0 set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 341 not upgraded.
#-----#
# Install Package Check
#-----#
OK: libjbig0

Some system libraries could not be installed.
Refer to the Readme file for more information.
Do you want to continue with installation? (y/n)
```

Step 16:- After successful installation below message will appear. Type N and close Terminal

```
Setting up cncrcupsm1127c2k (5.20-1) ...
Setting up cncrcupslbp226zk (5.10-1) ...
Setting up cncrcupsir2625zk (5.10-1) ...
Setting up cncrcupsirc3125zk (5.10-1) ...
#-----#
# cups restart
#-----#
/etc/init.d/cups restart
Restarting cups (via systemctl): cups.service.

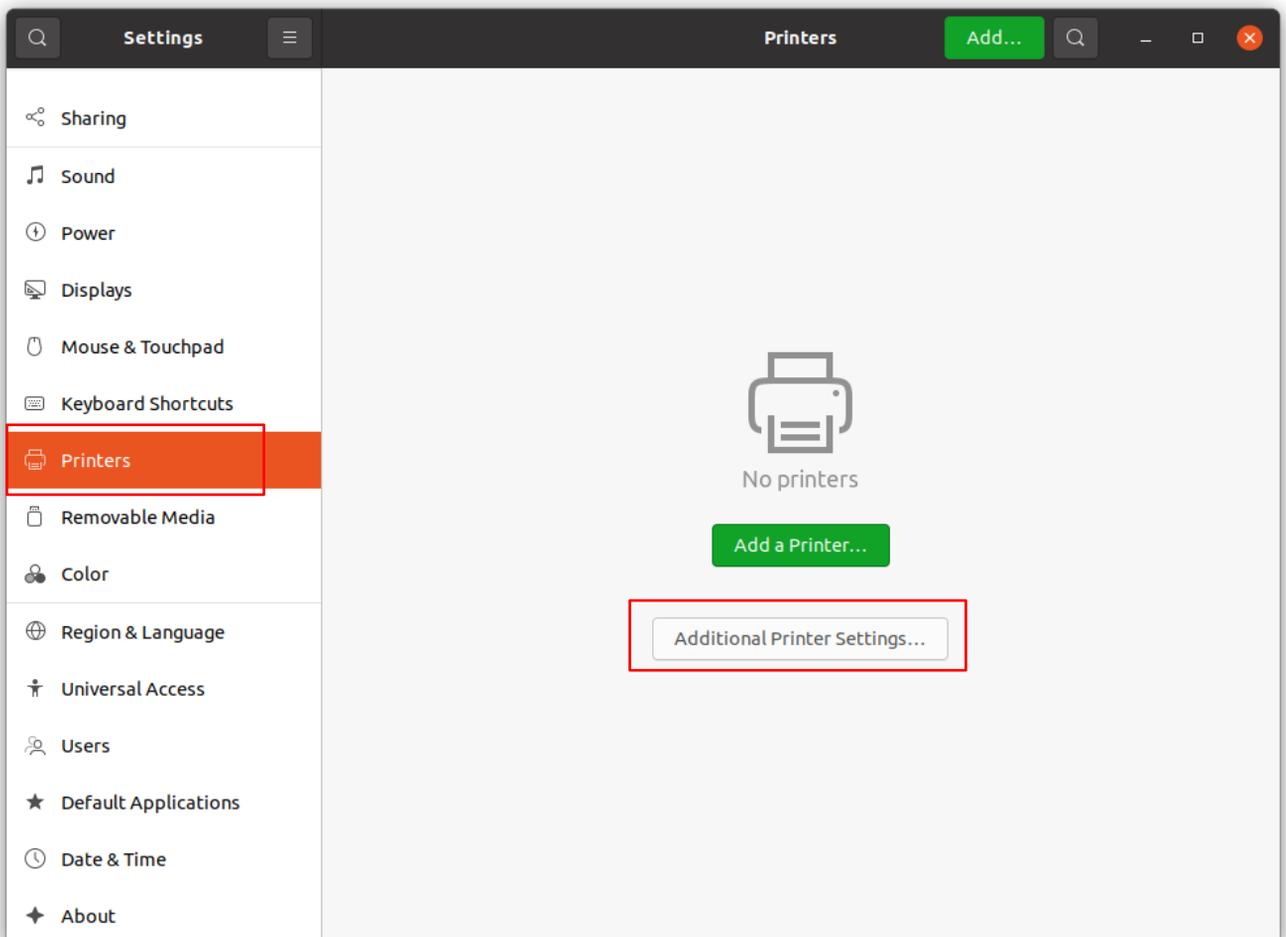
Installation is complete.
Do you want to register the printer now? (y/n)n
```

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Step 17:- Go to *Settings*.

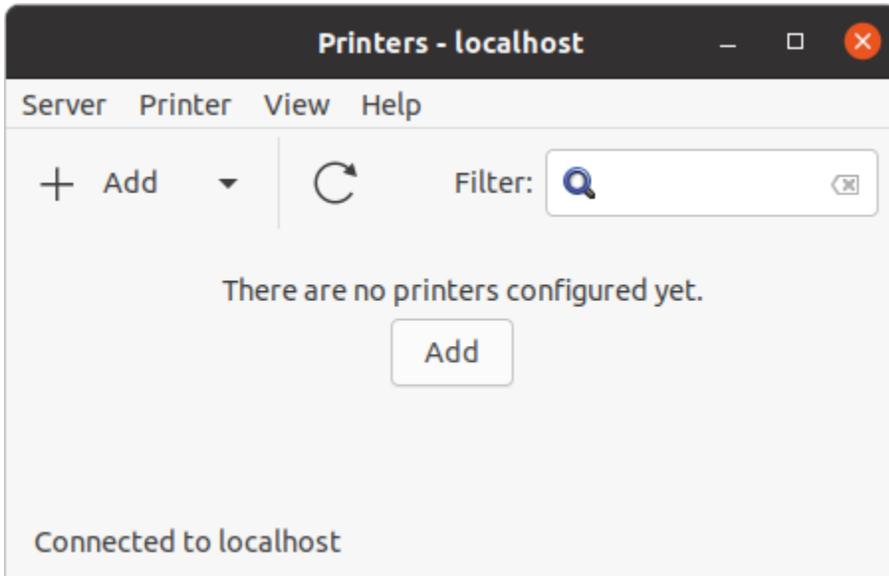


Step 18:- Select *Printers* and click on *Additional Printer Settings*.

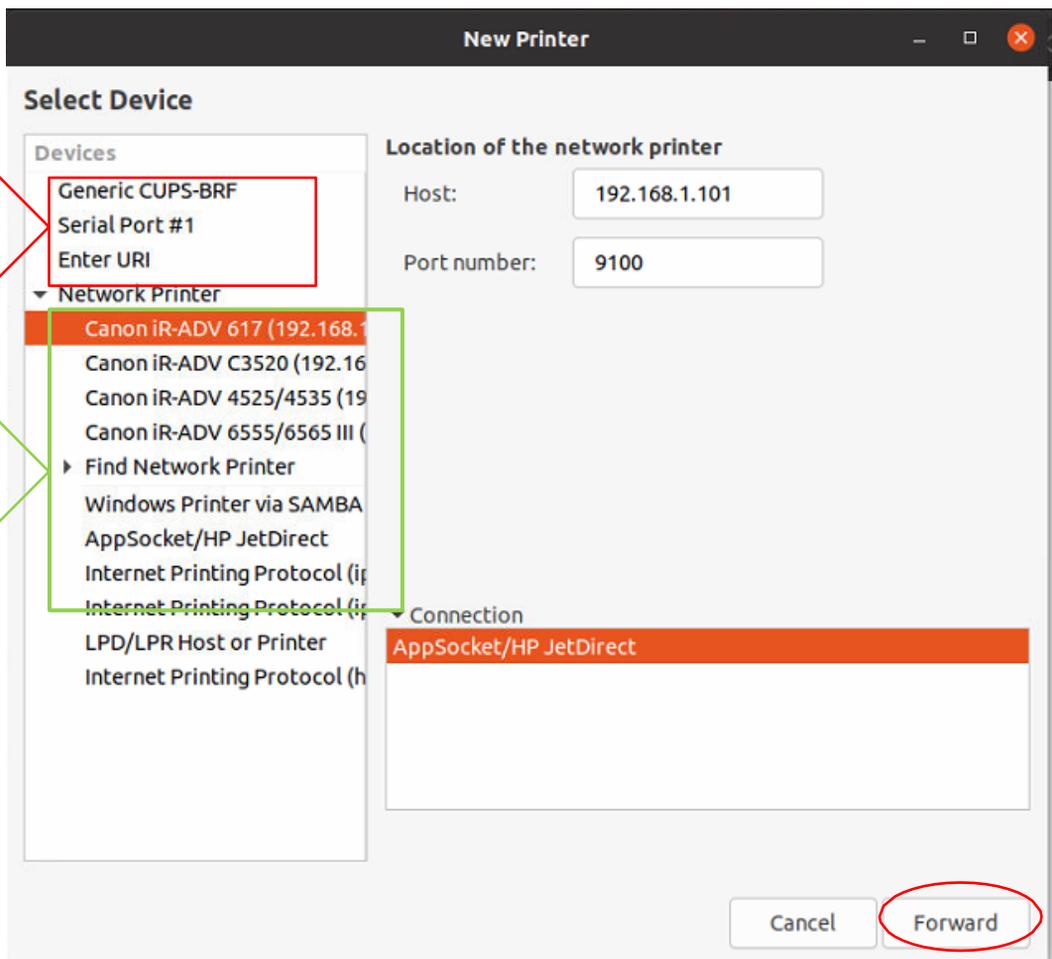


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Step 19:- Below window will be opened. Click on *Add*.

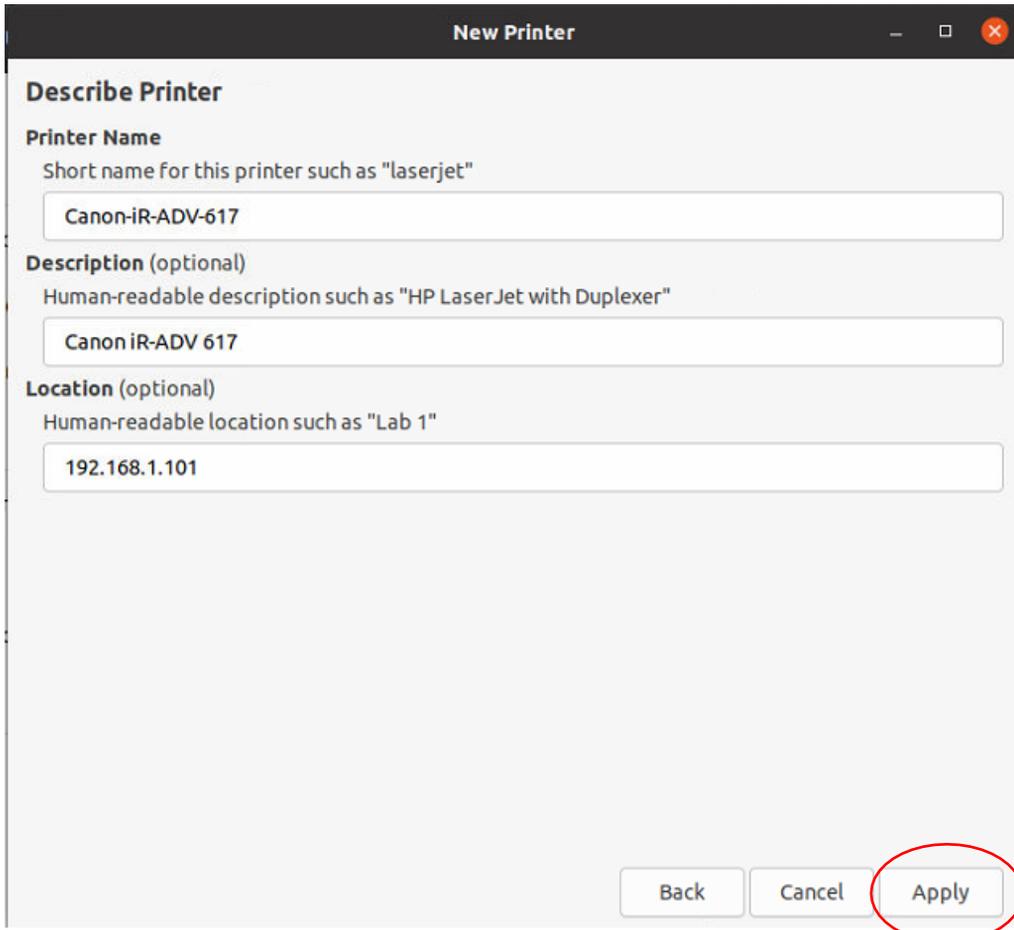


Step 20:- Below window will be opened. Select your printer and click on *Forward*.



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Step 21:- Selected printer details will be displayed; Now click on *Apply*.

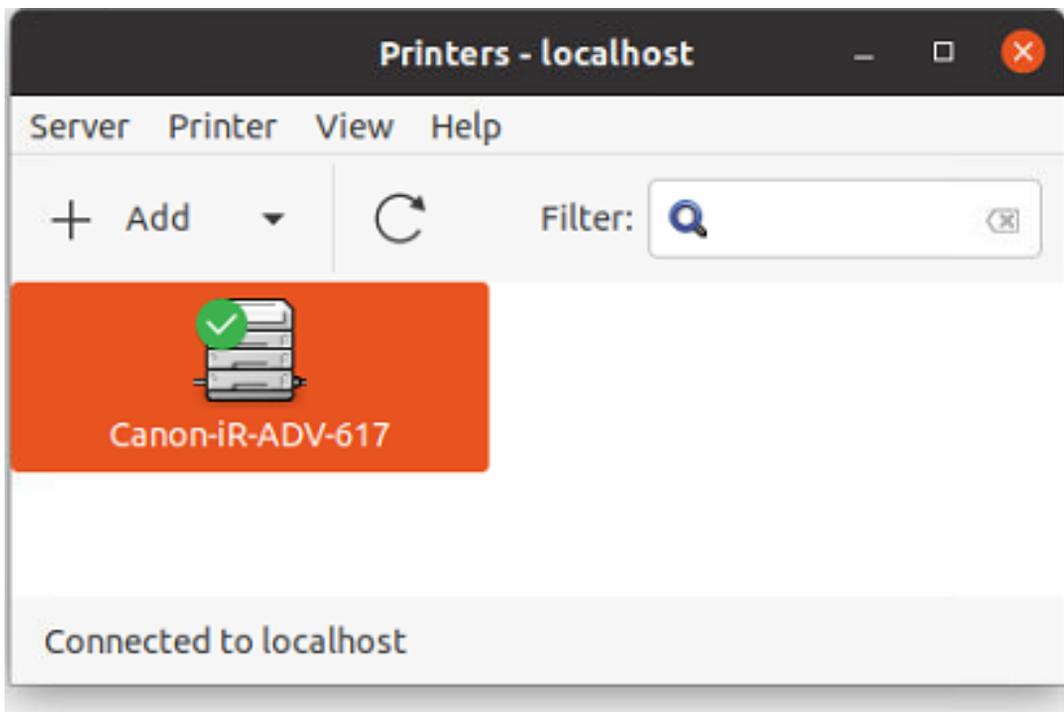


The screenshot shows a window titled "New Printer" with a dark header bar containing window control icons. The main content area is titled "Describe Printer" and contains three sections:

- Printer Name:** A text field with the value "Canon-iR-ADV-617". Below it is the instruction: "Short name for this printer such as 'laserjet'".
- Description (optional):** A text field with the value "Canon iR-ADV 617". Below it is the instruction: "Human-readable description such as 'HP LaserJet with Duplexer'".
- Location (optional):** A text field with the value "192.168.1.101". Below it is the instruction: "Human-readable location such as 'Lab 1'".

At the bottom right of the dialog, there are three buttons: "Back", "Cancel", and "Apply". The "Apply" button is circled in red.

Step 22:- Printer has been added.



Configuration of Department ID in Driver

Configuration Department id in driver;

Prerequisite:-

- Driver should be install properly in Linux.
- Department ID should be enable in Machine.

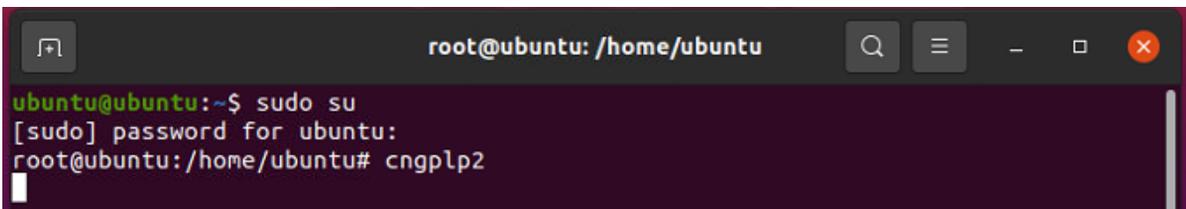
Step1:- Open the Terminal and log in with super user.

#sudo su

Step2:- Enter the password user password.

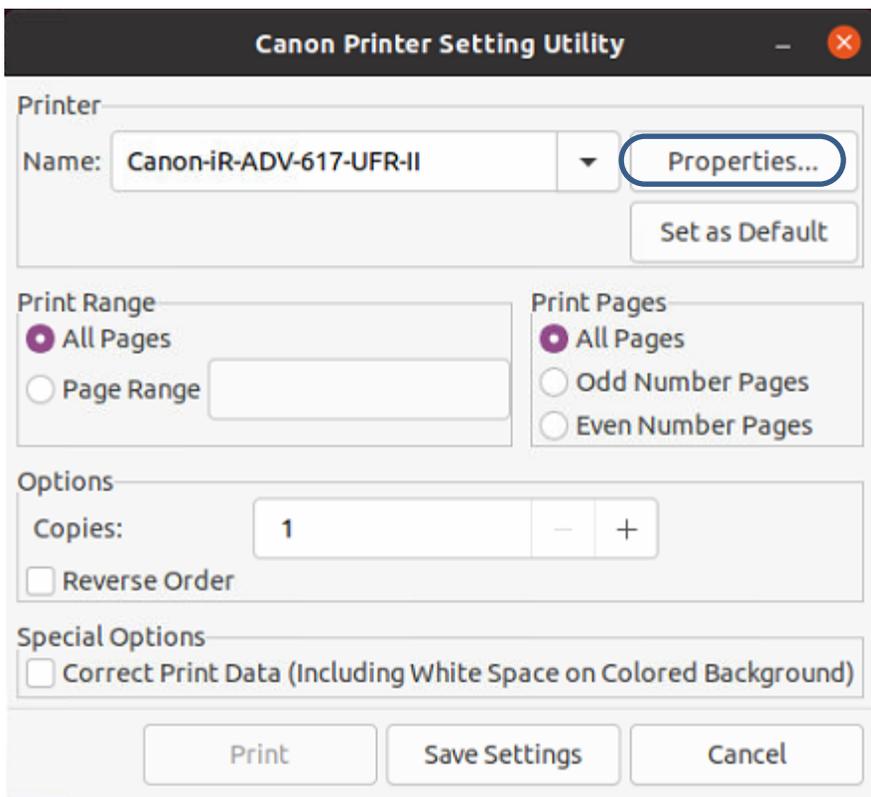
Step3:- Now type the below command.

#sudo su cngplp2



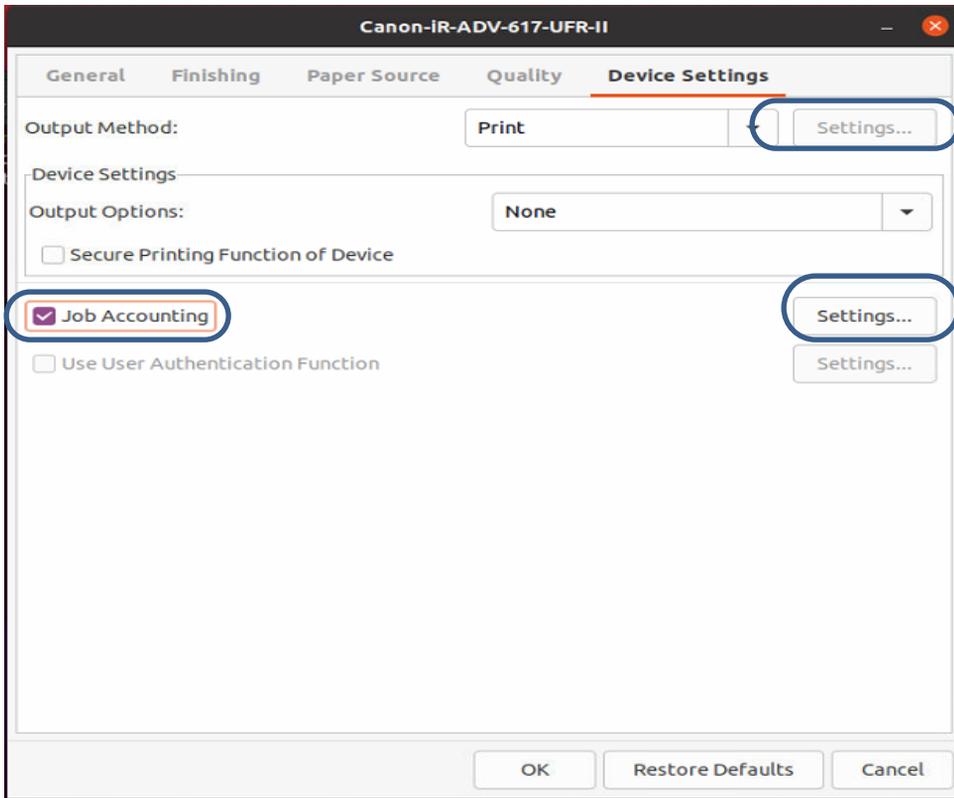
```
root@ubuntu: /home/ubuntu
ubuntu@ubuntu:~$ sudo su
[sudo] password for ubuntu:
root@ubuntu:/home/ubuntu# cngplp2
```

Step4:- Now blew pop window will appear. Go to Properties.

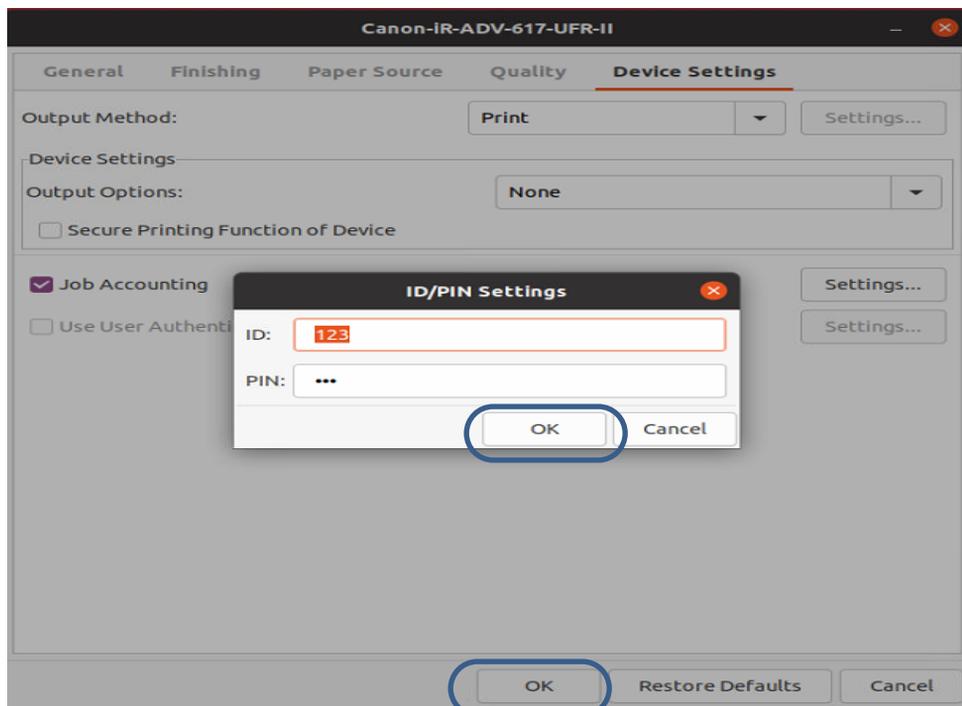


Configuration of Department ID in Driver

Step5:- Go to “**Device Settings**” and select the “**Job Accounting**” option.
After select the Job Accounting go to “**Settings Tab**”.



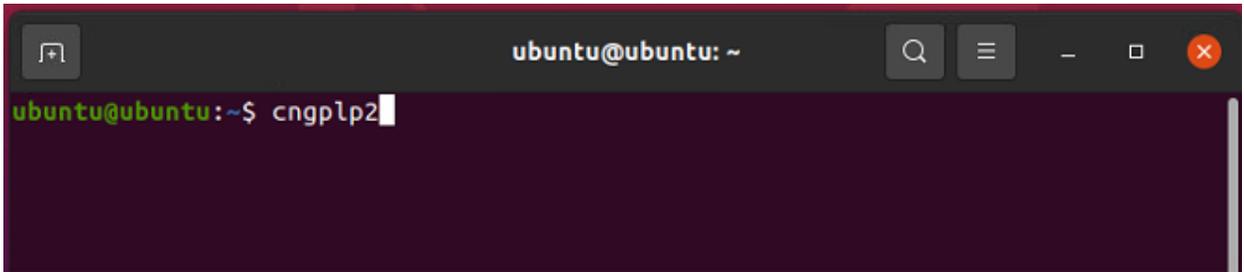
Step6:-After Click on “**Settings**” below **POP up** window will come.
Now enter **Department ID and PIN** and Press **OK**.
After that click on “**Save Settings**” again Department ID window will come.
Press ok and window will disappear.



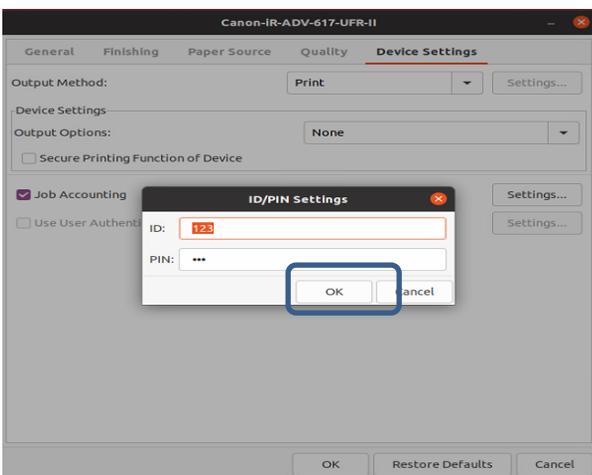
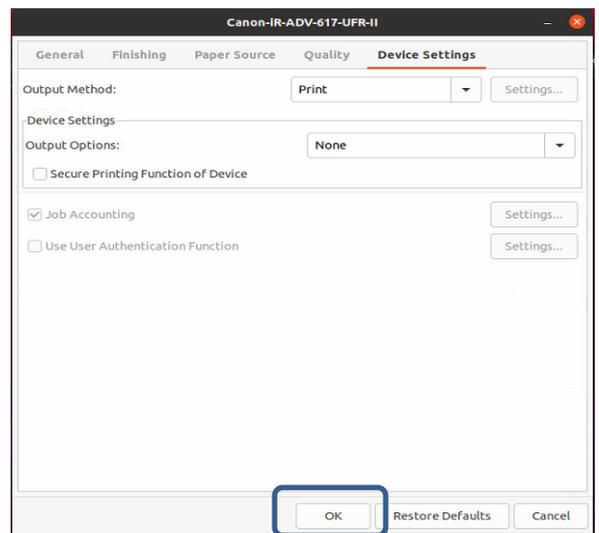
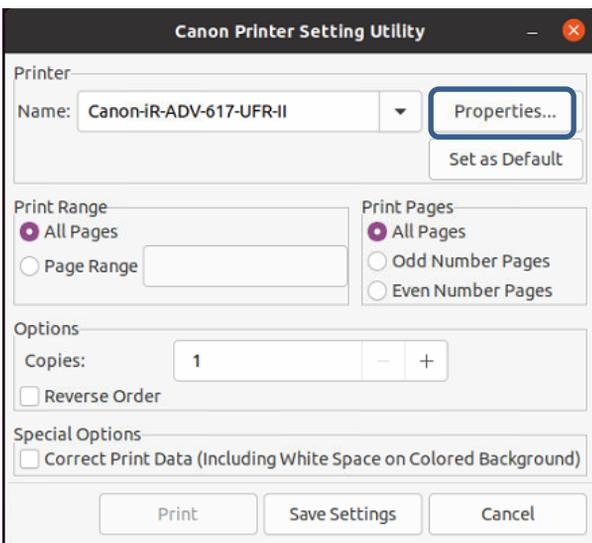
Configuration of Department ID in Driver

Step7:- Now once again open the Terminal and enter the below command without the sudo su command.

\$ cngplp2



Step 8. Now follow the same process as shown in **Steps no; 4,5,6, .**



Now Department ID configuration process is complete.

Same you can configuration the User Authentication in driver by using the 'Use User Authentication Function' under the device settings option.